CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: March 25, 2013

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

RECEIVED
By Alameda County Environmental Health at 11:13 am, Mar 27, 2013

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

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- ☐ Mail
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- ☒ Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – First 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 Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown, 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)
Larry Turner, CAR Enterprises (property owner; electronic copy)

Completed by: Peter Schaefer Signed: Peter S. Schaefer

Filing: **Correspondence File**

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

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

Re: Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California
SAP Code 135784
Incident No. 98995842
ACEH 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.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Senior Program Manager

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2013

SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD
PLEASANTON, CALIFORNIA

SAP CODE	135784
INCIDENT NO.	98995842
AGENCY NO.	RO0000363

Prepared by:
Conestoga-Rovers & Associates

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

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MARCH 25, 2013
REF. NO. 200497 (5)
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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	Denis Brown
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 May 9, 2011.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

On April 20, 2012, Virgil Chavez Land Surveying surveyed monitoring well S-15.

Blaine Tech Services, Inc. (Blaine) gauged and sampled well S-6 quarterly to better establish concentration trends for tertiary-butyl alcohol (TBA). The remainder of the wells were gauged and sampled according to the established monitoring program for this site.

As agreed during Shell's and CRA's March 28, 2012 meeting with Alameda County Environmental Health, Blaine will sample well S-6 quarterly to better establish concentration trends for TBA. The remainder of the site wells will be sampled annually during the first quarter.

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

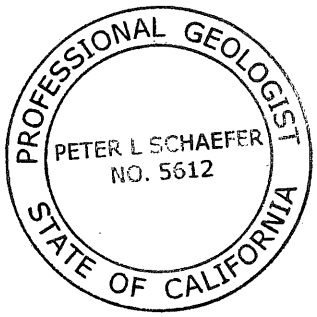
Groundwater Flow Direction	Generally southeasterly
Hydraulic Gradient	0.03
Depth to Water	11.72 to 45.31 feet below top of well casing

2.3 PROPOSED ACTIVITIES

Blaine will continue to sample well S-6 quarterly to better establish concentration trends for TBA. The remainder of the site wells will be sampled annually during the first quarter. CRA will issue groundwater monitoring reports annually following the first quarter sampling event.

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

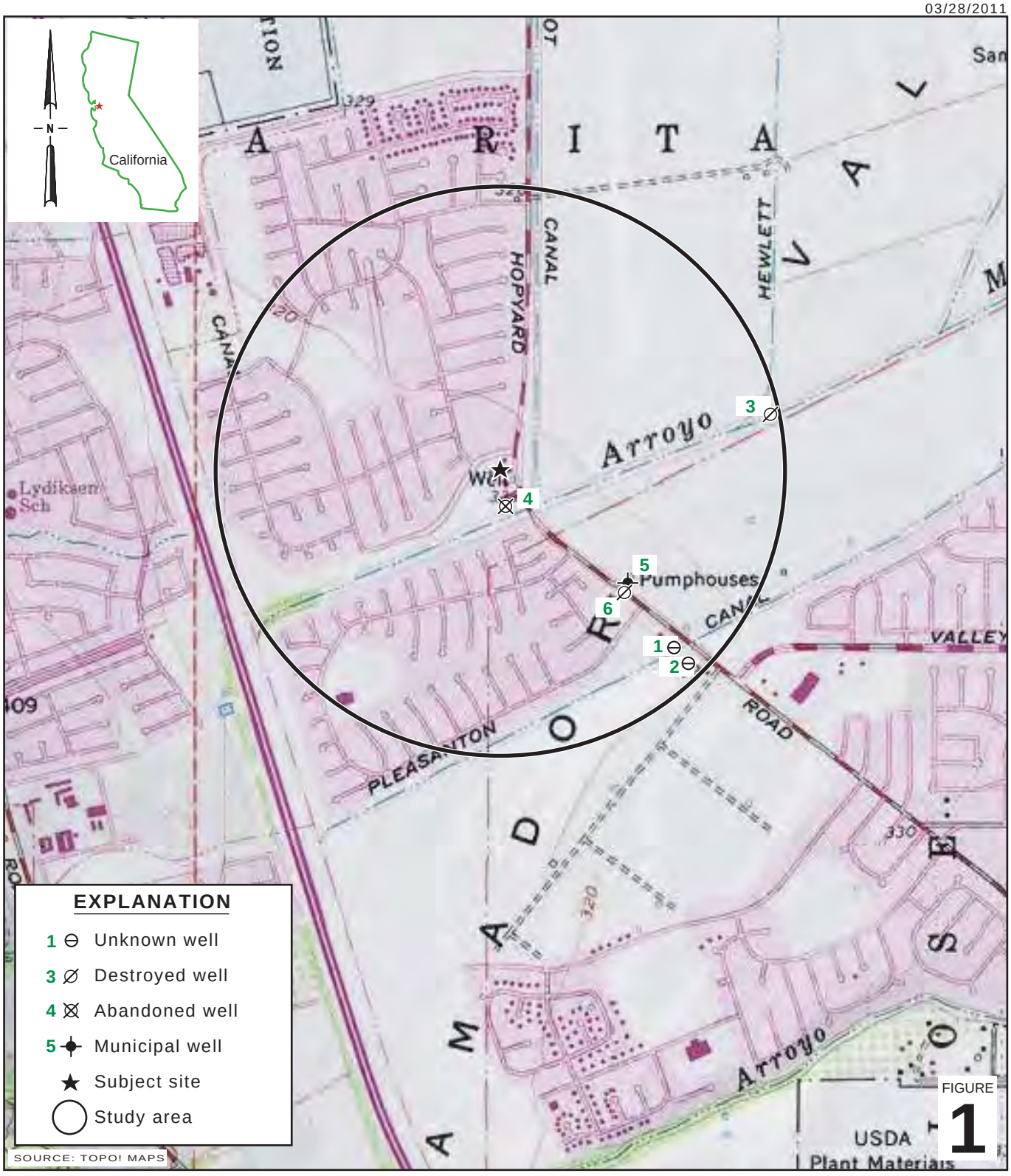
Peter Schaefer, CHG, CEG



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
- XX.XX Groundwater elevation contour, in feet above mean sea level (ft MSL)

Well
ELEV
Benzene
MTBE
TBA

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

Notes:
ND = Not detected
NS = Not sampled

LAS POSITAS BOULEVARD

HOPYARD ROAD

CANAL ARROYO MOHO

Former USTs
ST-2
ST-1
T-1
T-2
T-3
T-4
USTs
Former Dispensers
S-1
Station Building
Former W/O USTs
Dispenser Islands
7-11 Store Building

Well	ELEV	Benzene	MTBE	TBA
S-3	315.68	ND	ND	ND
S-4	315.01	ND	2.6	270
S-2	315.47	6.7	9.1	570
SR-3	315.59	ND	1.4	62
SR-2	315.01	ND	1.1	ND
SR-1	313.94	ND	4.4	160
S-5C	287.29	ND	ND	ND
S-5	314.47	2.1	4.0	ND
S-5B	286.94	ND	0.87	ND
S-8	312.22	ND	3.5	ND
S-10	311.54	ND	ND	ND
S-6	312.31	ND	3.5	1,000
S-11	310.47	ND	9.1	ND
S-7	311.63	ND	4.0	ND
S-9B	285.31	ND	3.8	ND
S-9C	286.31	ND	ND	ND
S-9	309.69	ND	7.4	ND
S-12	304.96	ND	ND	ND
S-15	305.25	NS		
C-1	300.95	NS		
S-14	307.46	ND	ND	ND

313.00
310.00
307.00
0.03

N

0 20 60ft

Figure 2

Groundwater Contour and Chemical Concentration Map
January 4, 2013
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

I:\Shell\6-chars\2004--\200497-Pleasanton 3790 Hopyard\200497-REPORTS\200497-RPT5-1Q13\200497 1QM13-GW.DWG (02/19/2013)

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	---	---

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	---	---

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-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	---	---
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	---	---

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	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	---	---
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	---	---

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	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
S-6 (D)	06/25/1997	130	<0.50	<0.50	<0.50	<0.50	21	---	---	---	---	---	---	---	---	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	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	---	---
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	---	---

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	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-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	---	---
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	---	---

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	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	---	---
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	---	---

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	10/22/2007	<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-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	---	---
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	---	---

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	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	---	---
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	---	---

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	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-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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---

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	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	---	---
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	---	---

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	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-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	---	---

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-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-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	---	---
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	---	---

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	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	---	---
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	---	---

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-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	---	---
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	---	---

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	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	---	---
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	---	---

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	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-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	---	---
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	---	---

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	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-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	---	---
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	---	---	---

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-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	---	---
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	---	---

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	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	<10	---
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	---	---

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	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**	**---**	**---**
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	---	---

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)
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	---	---
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**	**---**	**---**

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-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	---	---	---
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	---	---

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	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	---	---
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

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)

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.
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.

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 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 # 120510 - P42 Date 5/10/12 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-6	1130	3					15.32	34.30	↓	Traffic

SHELL WELL MONITORING DATA SHEET

BTS #: 120510-PH2	Site: 9899584Z
Sampler: PH	Date: 5/10/12
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.80	Depth to Water (DTW): 15.32
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]: 19.11	

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

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

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
1140	70.4	6.7	2140	>1000	7	
1146	69.9	6.8	2110	>1000	14	
1153	70.7	6.8	2091	>1000	21	DTW 22.56

Did well dewater? Yes (No) Gallons actually evacuated: 21

Sampling Date: 5/10/12 Sampling Time: 1200 Depth to Water: 18.80

Sample I.D.: S-6 Laboratory: Test America Other_____

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

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

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

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

INCIDENT # 98995842

DATE: 5/10/12

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 & PM Initials
NA (circled)		G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		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	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A		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.

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

Patrick Harms / Blaine Tech Services

Print or type Name of Field Personnel & Consultant Company

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

Version 2.4, March 2008

WELL GAUGING DATA

Project # 120706-SF2 Date 7/6/12 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	0936	3					15.29	34.30	TOC	

SHELL WELL MONITORING DATA SHEET

BTS #: 120706-SK2	Site: 3740 Hopyard Rd Pleasanton
Sampler: SK	Date: 7/6/12
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.30	Depth to Water (DTW): 15.29
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]: 19.09	

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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0946	68.9	7.0	1699	340	7.0	
0954	68.2	6.9	1957	389	14.0	
1002	68.8	6.9	2020	300	21.0	

Did well dewater? Yes (No) Gallons actually evacuated: 21.0

Sampling Date: 7/6/12 Sampling Time: 1010 Depth to Water: 18.97

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

INCIDENT # 98995842

DATE: 7/6/12

ADDRESS 3740 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	
	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			If POOR, Borings/Well IDs or Location Description			
G (circled)	P	N/A			Y	N

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

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

G = Good (Acceptable) R = Replaced

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

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

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

Version 2.4, March 2008

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

Ken Sun BTS

Print or type Name of Field Personnel & Consultant Company

WELL GAUGING DATA

Project # 121019-RC1 Date 10/19/12 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-6	1020	3					16.00	34.22	TOC	

SHELL WELL MONITORING DATA SHEET

BTS #: 121019-PC1	Site: 9899 5847
Sampler: PC	Date: 10/19/12
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.22	Depth to Water (DTW): 16.00
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]: 19.64	

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

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

6.7 (Gals.) X	3	=	20.1 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
1025	69.1	6.39	2131	62	6.7	
1029	68.6	6.42	2123	231	13.4	
1030	well dewatered				~~20.1~~ R	
1045	69.0	6.50	2202	>1000		

Did well dewater? Yes (No) Gallons actually evacuated: ~~20.1~~ 15

Sampling Date: 10/19/12 Sampling Time: 1045 Depth to Water: 19.59

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

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

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: 10/19/12

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
5-6	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:				If POOR, Borings/Well IDs or Location Description:		Photos		
	G	P	N/A			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
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).

Pete Corrubia BIS

Print or type Name of Field Personnel & Consultant Company

WELL GAUGING DATA

Project # 130104-DA1 Date 1/4/13 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-2	0820	3					13.30	34.54		
S-3	0811	3					11.72	35.31		
S-4	0750	3					13.10	35.55		
S-5	0819	3					14.89	35.72		
S-5B	0803	4					45.31	61.47		
S-5C	0808	4					45.04	76.58		
S-6	0948	3					14.95	34.20		
S-7	0948	3					16.78	34.35		
S-8	0715	3					13.92	34.33		
S-9	0724	3					18.16	34.40		
S-9B	0739	4					45.16	59.22		
S-9C	0731	4					49.46	78.53		
S-10	0917	3					14.33	34.22		
S-11	0917	2					17.01	24.88		
S-12	0739	2					17.80	24.50		
S-14	0725	4					17.44	24.53		
S-15	0732	4					24.10	24.52	↓	

WELL GAUGING DATA

Project # 130104-DA1 Date 1/4/13 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
SR-1	0816	4					14.39	33.49		
SR-2	0755	4					12.30	33.73		
SR-3	0804	4					11.91	33.13	↓	
C-1	0752	—					30.38	31.74	marsh on bridge	

SHELL WELL MONITORING DATA SHEET

BTS #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SK	Date: 1/4/13
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.54	Depth to Water (DTW): 13.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.55	

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

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

1 Case Volume	Specified Volumes	Calculated Volume
7.9 (Gals.) X	3	= 23.7 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
1252	64.2	6.9	1539	79	8.0	
—	well dewatered			@	15.5	gal
1400	63.5	6.9	1916	50	Grab	

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

Sampling Date: 1/4/13 Sampling Time: 1400 Depth to Water: 17.46

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR/SK	Date: 1/4/13
Well I.D.: S-3	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 35.31	Depth to Water (DTW): 11.72
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]: 16.44	

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

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

8.7 (Gals.) X	3	=	26.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1133	63.1	6.7	3087	56	9	
1135	66.0	6.8	2862	29	17.5	
1138	66.4	6.8	2960	24	26.5	

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

Sampling Date: 1/4/13 Sampling Time: 1330 Depth to Water: 11.78

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SR	Date: 1/4/13
Well I.D.: S-4	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 35.55	Depth to Water (DTW): 13.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.59	

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

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

8.3 (Gals.) X 3 = 24.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1048	63.8	6.9	1720	54	8.5	
1050	65.1	6.8	1753	134	~~10.5~~ 17.0	
—	—	Well	dewatered	@	17.0 gal	—
1310	64.4	7.1	1696	28	Grab	

Did well dewater? (Yes) No — Gallons actually evacuated: 17.0

Sampling Date: 1/4/13 — Sampling Time: 1310 — Depth to Water: 22.35 (32)

Sample I.D.: S-4 — Laboratory: (Test America) Other ____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR (SK)	Date: 1/4/13
Well I.D.: S-5	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 35.72	Depth to Water (DTW): 14.89
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]: 19.06	

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: ___

7.7 (Gals.) X 3 = 23.1 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
1151	64.1	7.0	1536	72	8.0 ~~15~~	
1153	65.5	6.8	1490	65	16	
—	Well dewatered				@ 16 gal	
1340	67.8	6.9	1503	64	Grab	

Did well dewater? (Yes) No Gallons actually evacuated: 16.0

Sampling Date: 1/4/13 Sampling Time: 1340 Depth to Water: 15.81

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 #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: (DR)/SK	Date: 1/4/13
Well I.D.: S-5B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 61.47	Depth to Water (DTW): 45.31
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]: 48.54	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1159	64.5	7.51	3839	19	10.5	
1201	66.1	7.73	3903	18	21.0	
1203	66.2	7.74	3911	17	31.5	

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

Sampling Date: 1/4/13 Sampling Time: 1205 Depth to Water: 46.44

Sample I.D.: S-5B 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 #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR/SK	Date: 1/4/13
Well I.D.: S-5C	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 76.58	Depth to Water (DTW): 45.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 51.35	

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

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

20.5 (Gals.) X	3	=	61.5 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1241	63.8	7.57	4791	60	20.5	
1245	64.3	7.48	4794	47	41.0	
1249	64.4	7.47	4798	44	61.5	

Did well dewater? Yes (No) Gallons actually evacuated: 61.5

Sampling Date: 1/4/13 Sampling Time: 1255 Depth to Water: 46.72

Sample I.D.: S-5C 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 #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / GR	Date: 1/4/13
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.20	Depth to Water (DTW): 14.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 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: ___

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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0952	60.3	6.7	2002	103	7.5	
0952	64.0	6.6	2036	74	14.5	
—	Well dewatered @		17 gal		—	
1010	62.4	6.7	2044	93	Grab	

Did well dewater? (Yes) No — Gallons actually evacuated: 17.0

Sampling Date: 1/4/13 — Sampling Time: ~~1010~~ 1010 — Depth to Water: 18.77

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

SHELL WELL MONITORING DATA SHEET

BTS #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: (DR) / SK	Date: 1/4/13
Well I.D.: S-7	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.35	Depth to Water (DTW): 16.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 20.29	

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:_____

6.5 (Gals.) X	3	=	19.5 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0955	65.9	6.60	2169	172	6.5	
* Well dewatered @ 7.5 gal.						
1020	66.8	6.65	2411	394	—	

Did well dewater? (Yes) No Gallons actually evacuated: 7.5

Sampling Date: 1/4/13 Sampling Time: 1020 Depth to Water: 20.17

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SK	Date: 1/4/13
Well I.D.: S-8	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.33	Depth to Water (DTW): 13.92
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]: 18.00	

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: _____

7.6 (Gals.) X	3	=	22.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0845	62.5	6.5	2082	77	8.0	
0848	64.6	6.5	2206	63	16.0	
—	Well dewatered		@	17.0 gal	—	
1035	63.2	6.7	2772	50	Grab	

Did well dewater? (Yes) No Gallons actually evacuated: 17.0

Sampling Date: 1/4/13 Sampling Time: 1035 Depth to Water: 13.99

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 #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SK	Date: 1/4/13
Well I.D.: S-9	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.40	Depth to Water (DTW): 18.16
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]: 21.41	

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 (Gals.) X 3 = 18 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
0835	60.1	6.6	2510	253	6	
0837	63.5	6.6	2523	89	12	
—	well	dewatered	@	16.0	/ gal	—
1025	63.6	6.7	2438	66	Grab	

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

Sampling Date: 1/4/13 Sampling Time: 1025 Depth to Water: 18.55

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 #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SK	Date: 1/4/13
Well I.D.: S-9B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 59.22	Depth to Water (DTW): 45.16
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]: 47.97	

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

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

9.1 (Gals.) X	3	=	27.3 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
0855	63.2	7.39	2865	78	9.1	
* well dewatered @ 10.5 gal.						*
1056	64.3	7.22	2912	41	—	

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

Sampling Date: 1/4/13 Sampling Time: 1056 Depth to Water: 52.49 (2hr)

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 #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SK	Date: 1/4/13
Well I.D.: S-9C	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 78.53	Depth to Water (DTW): 44.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 51.27	

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:_____

22.1 (Gals.) X	3	= 66.3 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
0844	64.9	6.98	4474	89	22.1	
*well	dewatered @		30.0			
1028	65.3	7.02	4429	42	—	

Did well dewater? (Yes) No Gallons actually evacuated: 30.0

Sampling Date: 1/4/13 Sampling Time: 1028 Depth to Water: 47.19

Sample I.D.: S-9C 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 #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SK	Date: 1/4/13
Well I.D.: S-10	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.22	Depth to Water (DTW): 14.33
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]: 18.31	

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

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

7.4 (Gals.) X 3 = 22.2 Gals.
1 Case Volume · Specified Volumes · Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0919	59.2	6.8	1554	104	7.5	
0921	62.2	6.7	1592	64	15.0	
0923	63.0	6.7	1644	19	22.5	

Did well dewater? Yes (No) Gallons actually evacuated: 22.5

Sampling Date: 1/4/13 Sampling Time: 1220 Depth to Water: ~~15.44~~ 15.44

Sample I.D.: S10 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 #: 130104-DA1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SK	Date: 1/4/13
Well I.D.: S-11	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 24.88	Depth to Water (DTW): 17.01
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]: 18.53	

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

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

1.3 (Gals.) X 3 = 3.9 Gals.
1 Case Volume · Specified Volumes · Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0922	63.1	6.62	2930	58	1.3	
0924	66.0	6.70	2936	177	2.6	
0926	66.2	6.71	2933	409	3.9	

Did well dewater? Yes (No) Gallons actually evacuated: 3.9

Sampling Date: 1/4/13 Sampling Time: 1215 Depth to Water: 18.16

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 #: 130104-DA1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SK	Date: 1/4/13
Well I.D.: S-12	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 24.50	Depth to Water (DTW): 17.80
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]: 19.14	

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	=	3.3 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
1126	65.0	6.73	2660	393	1.1	
1128	67.0	6.57	2613	741	2.2	
1129	66.9	6.58	2609	816	3.3	

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

Sampling Date: 1/4/13 Sampling Time: 1130 Depth to Water: 18.44

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

SHELL WELL MONITORING DATA SHEET

BTS #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / SK	Date: 1/4/13
Well I.D.: S-14	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 24.53	Depth to Water (DTW): 17.44
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]: 18.86	

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

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

4.6 (Gals.) X	3	=	13.8 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
1105	61.1	6.97	3792	44	4.6	
1106	62.2	6.88	3804	71	9.2	
* Well dewatered @ 10.0 gal.						
1230	63.1	6.93	3744	33	—	

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

Sampling Date: 1/4/13 Sampling Time: 1230 Depth to Water: 18.72

Sample I.D.: S-14 Laboratory: (Test America) Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See C.O.C

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 #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DB/SK	Date: 1/4/13
Well I.D.: S-15	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 24.52	Depth to Water (DTW): 24.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

___ (Gals.) X	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
* Insufficient water to purge or sample.						

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 1/4/13 Sampling Time: Depth to Water:

Sample I.D.: S-15 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 #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR/SK	Date: 1/4/13
Well I.D.: SR-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 33.49	Depth to Water (DTW): 14.39
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]: 18.21	

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: _____

12.4 (Gals.) X 3 = 37.2 Gals.
1 Case Volume · Specified Volumes · Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1307	69.2	6.98	2652	44	12.4	
1310	70.1	6.76	2655	115	24.8	
1313	69.9	6.76	2652	122	37.2	

Did well dewater? Yes (No) Gallons actually evacuated: 37.2

Sampling Date: 1/4/13 Sampling Time: 1345 Depth to Water: 18.09

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / (SK)	Date: 1/4/13
Well I.D.: SR-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 33.73	Depth to Water (DTW): 12.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.59	

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

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

13.9 (Gals.) X	3	= 41.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1059	63.6	7.1	1579	133	14	
1102	65.4	7.0	1492	77	28	
1105	66.0	6.9	1524	46	42	

Did well dewater? Yes (No) Gallons actually evacuated: 42

Sampling Date: 1/4/13 Sampling Time: 1320 Depth to Water: 13.34

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 130104-DR1	Site: 3790 Hopyard Rd. Pleasanton Ca.
Sampler: DR / (SR)	Date: 1/4/13
Well I.D.: SR-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 33.13	Depth to Water (DTW): 11.91
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]: 16.15	

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

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

13.8 (Gals.) X	3	=	41.4 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1116	64.7	6.9	1420	59	14	
1119	67.8	6.9	1499	30	28	
1123	66.8	6.8	1531	22	42	

Did well dewater? Yes (No) Gallons actually evacuated: 42.0

Sampling Date: 1/4/13 Sampling Time: 1300 Depth to Water: 12.16

Sample I.D.: SR-3 Laboratory: (Test America) Other ____

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

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

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

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

INCIDENT # 98995842

DATE: 1/4/13

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-2	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N	
S-3	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N	
S-4	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N	
S-5	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
S-5B	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
S-5C	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P	Lid is separated from box. Pin comes off with lid.	Y	N	
S-6	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N	
S-7	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N	
S-8	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N	
S-9	Standpipe	Flush	G	P	Size (inch) 8	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	
TOTAL # CAPS REPLACED =								0			0	= TOTAL # OF LOCKS REPLACED						

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

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

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

G = Good (Acceptable) R = Replaced

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

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

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

Version 2.4, March 2008

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

Devin Reynal / Blaine Tech Services

Print or type Name of Field Personnel & Consultant Company

INCIDENT # 98995842

ADDRESS 3790 Hopyard Rd.

DATE: 1/4/13

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-9C	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
S-10	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N	
S-11	Standpipe	Flush	G	P	Size (inch) 10	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	
S-14	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
S-15	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
SR-1	Standpipe	Flush	G	P	Size (inch) 40	Y	N	G	R	G	R	NL	G	P		Y	N	
SR-2	Standpipe	Flush	G	P	Size (inch) 40	Y	N	G	R	G	R	NL	G	P		Y	N	
SR-3	Standpipe	Flush	G	P	Size (inch) 40	Y	N	G	R	G	R	NL	G	P		Y	N	
C-1	~~Standpipe~~	~~Flush~~	~~G~~	~~P~~	Size (inch)	~~Y~~	~~N~~	~~G~~	~~R~~	~~G~~	~~R~~	~~NL~~	~~G~~	~~P~~	Creek gauge.	~~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
N/A		G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

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

G = Good (Acceptable) R = Replaced

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

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

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

Version 2.4, March 2008

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

Dania Raynal / Blaine Tech Services

Print or type Name of Field Personnel & Consultant Company

SHELL WELLHEAD REPAIR FORM
(FOR REPAIR TECHNICIAN)

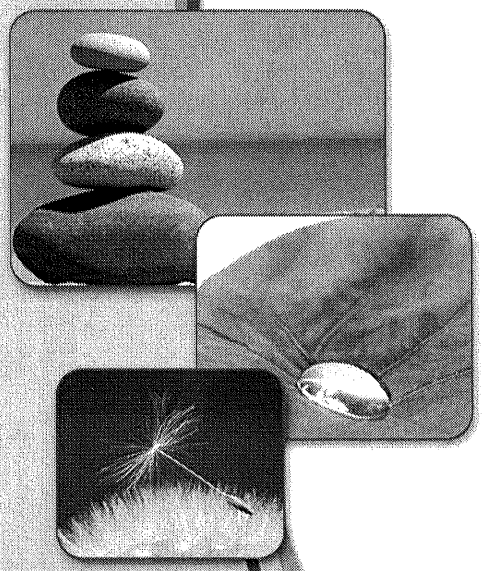
Site Address 3790 Hopyard Rd. Pleasanton Date 1/25/13

Job Number 130125-BW1 Technician BW Page 1 of 1

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto BLAINE Repair Order	Remaining Deficiencies Logged onto Notice of Deficient Condition - BLAINE Unable to Repair
S-5C		X 4	X				X	X									✓		
	Notes: Replaced Wellbox w/ 12" Emco																		
	Well box type / size: 12" Emco													Materials used: 1 Box Kit, 4 bags					
	Notes:																		
	Well box type / size:													Materials used:					
	Notes:																		
	Well box type / size:													Materials used:					
	Notes:																		
	Well box type / size:													Materials used:					
	Notes:																		
	Well box type / size:													Materials used:					
	Notes:																		
	Well box type / size:													Materials used:					
	Notes:																		
	Well box type / size:													Materials used:					

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: 440-11658-1
Client Project/Site: 3790 Hopyard Rd., Pleasanton

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

Attn: Peter Schaefrer

Philip Sanelle

Authorized for release by:
5/30/2012 4:32:57 PM

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Sample Summary

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

TestAmerica Job ID: 440-11658-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-11658-1	S-6	Water	05/10/12 12:00	05/12/12 10:10

Client Sample Results

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

TestAmerica Job ID: 440-11658-1

Client Sample ID: S-6
Date Collected: 05/10/12 12:00
Date Received: 05/12/12 10:10

Lab Sample ID: 440-11658-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	610		200		ug/L			05/20/12 16:00	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*05/20/12 16:00*	*4*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/20/12 16:00*	*4*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/20/12 16:00*	*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			05/20/12 16:00	4
Toluene	ND		2.0		ug/L			05/20/12 16:00	4
Ethylbenzene	ND		2.0		ug/L			05/20/12 16:00	4
Xylenes, Total	ND		4.0		ug/L			05/20/12 16:00	4
Methyl-t-Butyl Ether (MTBE)	4.0		2.0		ug/L			05/20/12 16:00	4
tert-Butyl alcohol (TBA)	1200		40		ug/L			05/20/12 16:00	4
Ethanol	ND		600		ug/L			05/20/12 16:00	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/20/12 16:00*	*4*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*05/20/12 16:00*	*4*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/20/12 16:00*	*4*

Lab Chronicle

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

TestAmerica Job ID: 440-11658-1

Client Sample ID: S-6
Date Collected: 05/10/12 12:00
Date Received: 05/12/12 10:10

Lab Sample ID: 440-11658-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	27429	05/20/12 16:00	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		4	27430	05/20/12 16:00	RM	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 440-27429/4
Matrix: Water
Analysis Batch: 27429

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			05/20/12 09:59	1
Toluene	ND		0.50		ug/L			05/20/12 09:59	1
Ethylbenzene	ND		0.50		ug/L			05/20/12 09:59	1
Xylenes, Total	ND		1.0		ug/L			05/20/12 09:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/20/12 09:59	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/20/12 09:59	1
Ethanol	ND		150		ug/L			05/20/12 09:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/20/12 09:59*	*1*
Dibromofluoromethane (Surr)	*83*		*80 - 120*		*05/20/12 09:59*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/20/12 09:59*	*1*

Lab Sample ID: LCS 440-27429/5
Matrix: Water
Analysis Batch: 27429

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	21.7		ug/L		87	70 - 120
Toluene	25.0	23.2		ug/L		93	70 - 120
Ethylbenzene	25.0	21.6		ug/L		86	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	20.4		ug/L		82	60 - 135
tert-Butyl alcohol (TBA)	125	112		ug/L		90	70 - 135
Ethanol	250	216		ug/L		86	40 - 155
m,p-Xylene	50.0	48.4		ug/L		97	75 - 125
o-Xylene	25.0	24.1		ug/L		96	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*85*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 440-12015-B-4 MS
Matrix: Water
Analysis Batch: 27429

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	23.7		ug/L		93	65 - 125
Toluene	ND		25.0	25.3		ug/L		99	70 - 125
Ethylbenzene	ND		25.0	23.9		ug/L		96	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	22.9		ug/L		91	55 - 145
tert-Butyl alcohol (TBA)	ND		125	115		ug/L		92	65 - 140
Ethanol	ND		250	203		ug/L		81	40 - 155
m,p-Xylene	ND		50.0	52.9		ug/L		106	65 - 130
o-Xylene	ND		25.0	26.8		ug/L		107	65 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*

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

Lab Sample ID: 440-12015-B-4 MS
Matrix: Water
Analysis Batch: 27429

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*88*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-12015-B-4 MSD
Matrix: Water
Analysis Batch: 27429

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	23.9		ug/L		94	65 - 125	1	20
Toluene	ND		25.0	25.3		ug/L		99	70 - 125	0	20
Ethylbenzene	ND		25.0	23.6		ug/L		94	65 - 130	1	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.5		ug/L		98	55 - 145	7	25
tert-Butyl alcohol (TBA)	ND		125	112		ug/L		90	65 - 140	2	25
Ethanol	ND		250	213		ug/L		85	40 - 155	5	30
m,p-Xylene	ND		50.0	52.2		ug/L		104	65 - 130	1	25
o-Xylene	ND		25.0	26.4		ug/L		106	65 - 125	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: MB 440-27430/4
Matrix: Water
Analysis Batch: 27430

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			05/20/12 09:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*83*		*80 - 120*		*05/20/12 09:59*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/20/12 09:59*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/20/12 09:59*	*1*

Lab Sample ID: LCS 440-27430/6
Matrix: Water
Analysis Batch: 27430

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	513		ug/L		103	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*84*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

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

Lab Sample ID: 440-12015-B-4 MS
Matrix: Water
Analysis Batch: 27430

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	1250		ug/L		73	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*88*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-12015-B-4 MSD
Matrix: Water
Analysis Batch: 27430

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	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*89*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

QC Association Summary

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

TestAmerica Job ID: 440-11658-1

GC/MS VOA

Analysis Batch: 27429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11658-1	S-6	Total/NA	Water	8260B	
440-12015-B-4 MS	Matrix Spike	Total/NA	Water	8260B	
440-12015-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-27429/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-27429/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 27430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11658-1	S-6	Total/NA	Water	8260B/CA_LUFT MS	
440-12015-B-4 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-12015-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-27430/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-27430/4	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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

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

TestAmerica Job ID: 440-11658-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Irvine	Arizona	State Program	9	AZ0671
TestAmerica Irvine	California	LA Cty Sanitation Districts	9	10256
TestAmerica Irvine	California	NELAC	9	1108CA
TestAmerica Irvine	California	State Program	9	2706
TestAmerica Irvine	Guam	State Program	9	Cert. No. 12.002r
TestAmerica Irvine	Hawaii	State Program	9	N/A
TestAmerica Irvine	Nevada	State Program	9	CA015312007A
TestAmerica Irvine	New Mexico	State Program	6	N/A
TestAmerica Irvine	Northern Mariana Islands	State Program	9	MP0002
TestAmerica Irvine	Oregon	NELAC	10	4005
TestAmerica Irvine	USDA	Federal		P330-09-00080

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

4440 - 11605

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 8 4 2 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 1 3 5 7 8 4

DATE: 5/10/12

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.: 200497-85-12.02

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): Patrick Hennes

LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

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

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

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

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

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

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID: PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE: HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-GRO, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	VOCs Full list (8260B)	Single Compound: ____ (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015B)	TEMPERATURE ON RECEIPT: 3.6C	Container PID Readings or Laboratory Notes
	WG - 120510-PH2	051012	PH	S-6	1200	WG	X					3	X				X						X			

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	(Sample custodian)	5/10/12	1410
		5/11/12	1230
5-11-12 16:06		05/12/12	10:10

Page 12 of 13

5/30/2012

Login Sample Receipt Checklist

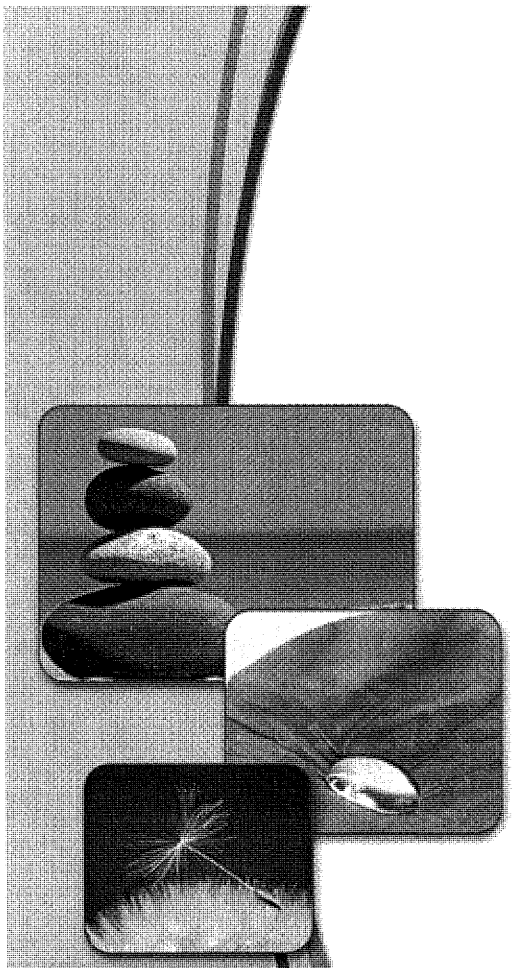
Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-11658-1

Login Number: 11658
List Number: 1
Creator: Robb, Kathleen

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
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: 440-16808-1
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:
7/24/2012 10:21:03 AM

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Sample Summary

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

TestAmerica Job ID: 440-16808-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-16808-1	S-6	Water	07/06/12 10:10	07/10/12 09:35

Case Narrative

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

TestAmerica Job ID: 440-16808-1

Job ID: 440-16808-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-16808-1

Comments
No additional comments.

Receipt
The sample was received on 7/10/2012 9:35 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 3.1° C.

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

VOA Prep
No analytical or quality issues were noted.

Client Sample Results

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

TestAmerica Job ID: 440-16808-1

Client Sample ID: S-6
Date Collected: 07/06/12 10:10
Date Received: 07/10/12 09:35

Lab Sample ID: 440-16808-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**520**		130		ug/L			07/14/12 05:30	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*07/14/12 05:30*	*2.5*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*07/14/12 05:30*	*2.5*
Toluene-d8 (Surr)	*105*		*80 - 120*		*07/14/12 05:30*	*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			07/14/12 05:30	2.5
Toluene	ND		1.3		ug/L			07/14/12 05:30	2.5
Ethylbenzene	ND		1.3		ug/L			07/14/12 05:30	2.5
Xylenes, Total	ND		2.5		ug/L			07/14/12 05:30	2.5
Methyl-t-Butyl Ether (MTBE)	**4.7**		1.3		ug/L			07/14/12 05:30	2.5
tert-Butyl alcohol (TBA)	**2500**		25		ug/L			07/14/12 05:30	2.5
Ethanol	ND		380		ug/L			07/14/12 05:30	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*07/14/12 05:30*	*2.5*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*07/14/12 05:30*	*2.5*
Toluene-d8 (Surr)	*105*		*80 - 120*		*07/14/12 05:30*	*2.5*

Lab Chronicle

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

TestAmerica Job ID: 440-16808-1

Client Sample ID: S-6
Date Collected: 07/06/12 10:10
Date Received: 07/10/12 09:35

Lab Sample ID: 440-16808-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	10 mL	10 mL	38690	07/14/12 05:30	BD	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		2.5	10 mL	10 mL	38691	07/14/12 05:30	BD	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 440-38690/4
Matrix: Water
Analysis Batch: 38690

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			07/13/12 19:33	1
Toluene	ND		0.50		ug/L			07/13/12 19:33	1
Ethylbenzene	ND		0.50		ug/L			07/13/12 19:33	1
Xylenes, Total	ND		1.0		ug/L			07/13/12 19:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			07/13/12 19:33	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			07/13/12 19:33	1
Ethanol	ND		150		ug/L			07/13/12 19:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*07/13/12 19:33*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*07/13/12 19:33*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/13/12 19:33*	*1*

Lab Sample ID: LCS 440-38690/5
Matrix: Water
Analysis Batch: 38690

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	24.6		ug/L		99	70 - 120
Toluene	25.0	26.8		ug/L		107	70 - 120
Ethylbenzene	25.0	29.3		ug/L		117	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	23.7		ug/L		95	60 - 135
tert-Butyl alcohol (TBA)	125	144		ug/L		116	70 - 135
Ethanol	250	285		ug/L		114	40 - 155
m,p-Xylene	50.0	58.8		ug/L		118	75 - 125
o-Xylene	25.0	29.3		ug/L		117	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-16707-A-1 MS
Matrix: Water
Analysis Batch: 38690

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	23.2		ug/L		93	65 - 125
Toluene	ND		25.0	25.3		ug/L		101	70 - 125
Ethylbenzene	ND		25.0	26.2		ug/L		105	65 - 130
Methyl-t-Butyl Ether (MTBE)	1.4		25.0	26.0		ug/L		98	55 - 145
tert-Butyl alcohol (TBA)	ND		125	146		ug/L		117	65 - 140
Ethanol	ND		250	233		ug/L		93	40 - 155
m,p-Xylene	ND		50.0	52.2		ug/L		104	65 - 130
o-Xylene	ND		25.0	26.5		ug/L		106	65 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*

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

Lab Sample ID: 440-16707-A-1 MS
Matrix: Water
Analysis Batch: 38690

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

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 440-16707-A-1 MSD
Matrix: Water
Analysis Batch: 38690

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	23.8		ug/L		95	65 - 125	3	20
Toluene	ND		25.0	25.9		ug/L		104	70 - 125	3	20
Ethylbenzene	ND		25.0	27.2		ug/L		109	65 - 130	4	20
Methyl-t-Butyl Ether (MTBE)	1.4		25.0	26.1		ug/L		99	55 - 145	0	25
tert-Butyl alcohol (TBA)	ND		125	147		ug/L		117	65 - 140	0	25
Ethanol	ND		250	251		ug/L		100	40 - 155	8	30
m,p-Xylene	ND		50.0	54.0		ug/L		108	65 - 130	3	25
o-Xylene	ND		25.0	27.1		ug/L		108	65 - 125	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
Toluene-d8 (Surr)	101		80 - 120

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

Lab Sample ID: MB 440-38691/4
Matrix: Water
Analysis Batch: 38691

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			07/13/12 19:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		80 - 120		07/13/12 19:33	1
4-Bromofluorobenzene (Surr)	104		80 - 120		07/13/12 19:33	1
Toluene-d8 (Surr)	102		80 - 120		07/13/12 19:33	1

Lab Sample ID: LCS 440-38691/6
Matrix: Water
Analysis Batch: 38691

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	525		ug/L		105	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	108		80 - 120
Toluene-d8 (Surr)	104		80 - 120

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

Lab Sample ID: 440-16707-A-1 MS
Matrix: Water
Analysis Batch: 38691

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	2060		ug/L		118	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 440-16707-A-1 MSD
Matrix: Water
Analysis Batch: 38691

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	2100		ug/L		120	50 - 145	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

QC Association Summary

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

TestAmerica Job ID: 440-16808-1

GC/MS VOA

Analysis Batch: 38690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-16707-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-16707-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-16808-1	S-6	Total/NA	Water	8260B	
LCS 440-38690/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-38690/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 38691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-16707-A-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-16707-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-16808-1	S-6	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-38691/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-38691/4	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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

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

TestAmerica Job ID: 440-16808-1

Laboratory: TestAmerica Irvine

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

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

Shell Oil Products Chain Of Custody Record

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☐ CALSCIENCE (_____)
☐ SPL Houston (_____)
☐ XENCO (_____)
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Print Bill To Contact Name: 200497 Peter Schaefer

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 2

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 7/6/12

PAGE: 1 of 1

PO #

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TELEPHONE: (310) 885-4455 x 108

FAX: (310) 637-5802

E-MAIL: lking@blainetech.com

SAMPLER NAME(S) (Print): Kenneth Sim

LAB USE ONLY: 440-16808

TURNAROUND TIME (CALENDAR DAYS):
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☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

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

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☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
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Matrix Codes - WG (groundwater), WS (surface water), WP (drinking water source), W (Trip or Temp Blank)

TEMPERATURE ON RECEIPT: 1.8°C, 3.1°C, 2.7°C, 2.2°C

LAB USE ONLY	SAMPLE ID	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE: HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-GRO, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	VOCs Full list (8260B)	Single Compound: _____ (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015B)	Container PID Readings or Laboratory Notes
	WG	120706SK2	070612	SK	S-6	1010	WG	X					3	X				X						X		

Container PID Readings or Laboratory Notes

		Date	Time
Relinquished by: (Signature)	Received by: (Signature) Sample Custodian	7/6/12	1200
Relinquished by: (Signature)	Received by: (Signature)	7/9/12	1255
Relinquished by: (Signature) 7-9-12 16:30	Received by: (Signature)	7/10/12	9:35

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-16808-1

Login Number: 16808
List Number: 1
Creator: Kim, Will

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
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	Kenneth Sim
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	two out of three voas were broken in transit.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	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: 440-27742-1
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:
11/5/2012 5:27:13 PM

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

..... LINKS .....

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Sample Summary

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

TestAmerica Job ID: 440-27742-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-27742-1	S-6	Water	10/19/12 10:45	10/25/12 10:00

Case Narrative

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

TestAmerica Job ID: 440-27742-1

Job ID: 440-27742-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-27742-1

Comments
No additional comments.

Receipt
The samples were received on 10/25/2012 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.0° C, 1.4° C and 2.3° C.

GC/MS VOA
Method(s) 8260B: The continuing calibration verification (CCV) for Ethanol associated with batch 63579 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample Results

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

TestAmerica Job ID: 440-27742-1

Client Sample ID: S-6
Date Collected: 10/19/12 10:45
Date Received: 10/25/12 10:00

Lab Sample ID: 440-27742-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**860**		250		ug/L			11/02/12 02:12	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*91*		*80 - 120*		*11/02/12 02:12*	*5*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/02/12 02:12*	*5*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/02/12 02:12*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.5		ug/L			11/02/12 02:12	5
Toluene	ND		2.5		ug/L			11/02/12 02:12	5
Ethylbenzene	ND		2.5		ug/L			11/02/12 02:12	5
Xylenes, Total	ND		5.0		ug/L			11/02/12 02:12	5
Methyl-t-Butyl Ether (MTBE)	**3.8**		2.5		ug/L			11/02/12 02:12	5
tert-Butyl alcohol (TBA)	**2200**		50		ug/L			11/02/12 02:12	5
Ethanol	ND		750		ug/L			11/02/12 02:12	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/02/12 02:12*	*5*
Dibromofluoromethane (Surr)	*91*		*80 - 120*		*11/02/12 02:12*	*5*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/02/12 02:12*	*5*

Lab Chronicle

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

TestAmerica Job ID: 440-27742-1

Client Sample ID: S-6
Date Collected: 10/19/12 10:45
Date Received: 10/25/12 10:00

Lab Sample ID: 440-27742-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	10 mL	10 mL	63579	11/02/12 02:12	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		5	10 mL	10 mL	63580	11/02/12 02:12	RM	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 440-63579/4
Matrix: Water
Analysis Batch: 63579

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			11/01/12 20:35	1
Toluene	ND		0.50		ug/L			11/01/12 20:35	1
Ethylbenzene	ND		0.50		ug/L			11/01/12 20:35	1
Xylenes, Total	ND		1.0		ug/L			11/01/12 20:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/01/12 20:35	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/01/12 20:35	1
Ethanol	ND		150		ug/L			11/01/12 20:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/01/12 20:35*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*11/01/12 20:35*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/01/12 20:35*	*1*

Lab Sample ID: LCS 440-63579/5
Matrix: Water
Analysis Batch: 63579

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	21.7		ug/L		87	70 - 120
Toluene	25.0	24.5		ug/L		98	70 - 120
Ethylbenzene	25.0	24.6		ug/L		98	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	19.1		ug/L		77	60 - 135
tert-Butyl alcohol (TBA)	125	137		ug/L		110	70 - 135
Ethanol	250	384		ug/L		154	40 - 155
m,p-Xylene	50.0	47.9		ug/L		96	75 - 125
o-Xylene	25.0	24.2		ug/L		97	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 440-27847-A-1 MS
Matrix: Water
Analysis Batch: 63579

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	21.4		ug/L		86	65 - 125
Toluene	ND		25.0	24.3		ug/L		97	70 - 125
Ethylbenzene	ND		25.0	24.0		ug/L		96	65 - 130
Methyl-t-Butyl Ether (MTBE)	1.7		25.0	21.2		ug/L		78	55 - 145
tert-Butyl alcohol (TBA)	68		125	208		ug/L		112	65 - 140
Ethanol	ND		250	377		ug/L		151	40 - 155
m,p-Xylene	ND		50.0	46.5		ug/L		93	65 - 130
o-Xylene	ND		25.0	23.4		ug/L		94	65 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*

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

Lab Sample ID: 440-27847-A-1 MS
Matrix: Water
Analysis Batch: 63579

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

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 440-27847-A-1 MSD
Matrix: Water
Analysis Batch: 63579

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	21.5		ug/L		86	65 - 125	0	20
Toluene	ND		25.0	24.2		ug/L		97	70 - 125	0	20
Ethylbenzene	ND		25.0	23.5		ug/L		94	65 - 130	2	20
Methyl-t-Butyl Ether (MTBE)	1.7		25.0	20.9		ug/L		77	55 - 145	1	25
tert-Butyl alcohol (TBA)	68		125	200		ug/L		106	65 - 140	4	25
Ethanol	ND		250	375		ug/L		150	40 - 155	1	30
m,p-Xylene	ND		50.0	44.6		ug/L		89	65 - 130	4	25
o-Xylene	ND		25.0	23.4		ug/L		93	65 - 125	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

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

Lab Sample ID: MB 440-63580/4
Matrix: Water
Analysis Batch: 63580

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			11/01/12 20:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*11/01/12 20:35*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/01/12 20:35*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/01/12 20:35*	*1*

Lab Sample ID: LCS 440-63580/6
Matrix: Water
Analysis Batch: 63580

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	482		ug/L		96	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: 440-27847-A-1 MS
Matrix: Water
Analysis Batch: 63580

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)	76		1730	1310		ug/L		71	50 - 145

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

Lab Sample ID: 440-27847-A-1 MSD
Matrix: Water
Analysis Batch: 63580

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)	76		1730	1290		ug/L		70	50 - 145	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

QC Association Summary

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

TestAmerica Job ID: 440-27742-1

GC/MS VOA

Analysis Batch: 63579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-27742-1	S-6	Total/NA	Water	8260B	
440-27847-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-27847-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-63579/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-63579/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 63580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-27742-1	S-6	Total/NA	Water	8260B/CA_LUFT MS	
440-27847-A-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-27847-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-63580/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-63580/4	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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
RER	Relative error ratio
DER	Duplicate error ratio (normalized absolute difference)
DLC	Decision level concentration
RL	Reporting Limit or Requested Limit (Radiochemistry only)

Certification Summary

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

TestAmerica Job ID: 440-27742-1

Laboratory: TestAmerica Irvine

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-13
California	NELAC	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-13
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAC	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-13

Shell Oil Products Chain Of Custody Record 440-27742

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

DATE: 10/19/12

PAGE: 1 of 1

PO #

SAP #: 1 3 5 7 8 4

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): P. Cornish

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:

REQUESTED ANALYSIS

SPECIAL INSTRUCTIONS OR NOTES:

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

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

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

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

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

TEMPERATURE ON RECEIPT

LAB USE ONLY	SAMPLE ID	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE: HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-GRO, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	VOCs Full list (8260B)	Single Compound: _____ (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015B)	Container PID Readings or Laboratory Notes
	WG -	121019-RC	121912	PC	S-6	1045	WG	X					3	X				X						X		

Container PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date: 10/19/12	Time: 1400
Relinquished by: (Signature)	Received by: (Signature)	Date: 10/24/12	Time: 0950
Relinquished by: (Signature)	Received by: (Signature)	Date: 10/24/12	Time: 1110

Relinquished by: Gerald Hayden 10-24-12 17:00

Received by: (SC) 10-25-12 1000

1.6 1.2 2.5

Page 13 of 14

11/5/2012

Login Sample Receipt Checklist

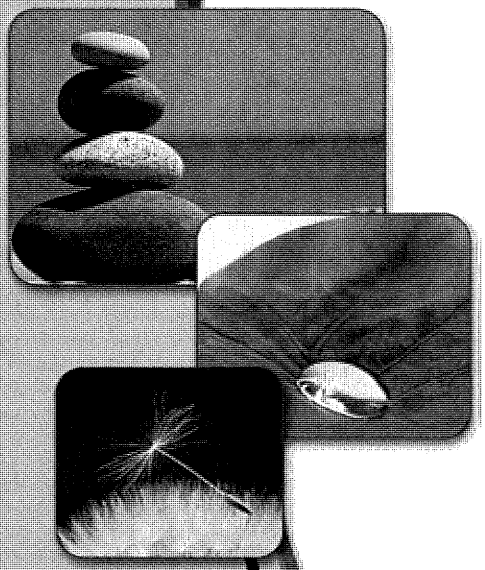
Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-27742-1

Login Number: 27742
List Number: 1
Creator: Freitag, Kevin R

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	



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: 440-34458-1
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:
1/17/2013 10:45:13 AM

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

..... LINKS .....

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Sample Summary

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

TestAmerica Job ID: 440-34458-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-34458-1	S-2	Water	01/04/13 14:00	01/08/13 09:50
440-34458-2	S-3	Water	01/04/13 13:30	01/08/13 09:50
440-34458-3	S-4	Water	01/04/13 13:10	01/08/13 09:50
440-34458-4	S-5	Water	01/04/13 13:40	01/08/13 09:50
440-34458-5	S-5B	Water	01/04/13 12:05	01/08/13 09:50
440-34458-6	S-5C	Water	01/04/13 12:55	01/08/13 09:50
440-34458-7	S-6	Water	01/04/13 10:10	01/08/13 09:50
440-34458-8	S-7	Water	01/04/13 10:20	01/08/13 09:50
440-34458-9	S-8	Water	01/04/13 10:35	01/08/13 09:50
440-34458-10	S-9	Water	01/04/13 10:25	01/08/13 09:50
440-34458-11	S-9B	Water	01/04/13 10:56	01/08/13 09:50
440-34458-12	S-9C	Water	01/04/13 10:28	01/08/13 09:50
440-34458-13	S-10	Water	01/04/13 12:20	01/08/13 09:50
440-34458-14	S-11	Water	01/04/13 12:15	01/08/13 09:50
440-34458-15	S-12	Water	01/04/13 11:30	01/08/13 09:50
440-34458-16	S-14	Water	01/04/13 12:30	01/08/13 09:50
440-34458-17	SR-1	Water	01/04/13 13:45	01/08/13 09:50
440-34458-18	SR-2	Water	01/04/13 13:20	01/08/13 09:50
440-34458-19	SR-3	Water	01/04/13 13:00	01/08/13 09:50

Job ID: 440-34458-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-34458-1

Comments
No additional comments.

Receipt
The samples were received on 1/8/2013 9:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

GC/MS VOA
Method(s) 8260B: Due to the high concentration of 2-Methyl-2-propanol, the matrix spike / matrix spike duplicate (MS/MSD) for batch 78058 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: S-2

Lab Sample ID: 440-34458-1

Date Collected: 01/04/13 14:00

Matrix: Water

Date Received: 01/08/13 09:50

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)	**1200**		50		ug/L			01/11/13 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/11/13 23:09*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/11/13 23:09*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/11/13 23:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**6.7**		0.50		ug/L			01/11/13 23:09	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 23:09	1
Ethanol	ND		150		ug/L			01/11/13 23:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 23:09	1
Ethylbenzene	**5.6**		0.50		ug/L			01/11/13 23:09	1
Methyl-t-Butyl Ether (MTBE)	**9.1**		0.50		ug/L			01/11/13 23:09	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 23:09	1
tert-Butyl alcohol (TBA)	**570**		10		ug/L			01/11/13 23:09	1
Toluene	**0.53**		0.50		ug/L			01/11/13 23:09	1
Xylenes, Total	**1.1**		1.0		ug/L			01/11/13 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/11/13 23:09*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/11/13 23:09*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/11/13 23:09*	*1*

Client Sample ID: S-3

Lab Sample ID: 440-34458-2

Date Collected: 01/04/13 13:30

Matrix: Water

Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/11/13 23:36*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/11/13 23:36*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/11/13 23:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 23:36	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 23:36	1
Ethanol	ND		150		ug/L			01/11/13 23:36	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 23:36	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 23:36	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 23:36	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 23:36	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 23:36	1
Toluene	ND		0.50		ug/L			01/11/13 23:36	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 23:36	1

Client Sample ID: S-3

Date Collected: 01/04/13 13:30
Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/11/13 23:36*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/11/13 23:36*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/11/13 23:36*	*1*

Client Sample ID: S-4

Date Collected: 01/04/13 13:10
Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/12/13 00:04*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/12/13 00:04*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/12/13 00:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 00:04	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 00:04	1
Ethanol	ND		150		ug/L			01/12/13 00:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 00:04	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 00:04	1
Methyl-t-Butyl Ether (MTBE)	**2.6**		0.50		ug/L			01/12/13 00:04	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 00:04	1
tert-Butyl alcohol (TBA)	**270**		10		ug/L			01/12/13 00:04	1
Toluene	ND		0.50		ug/L			01/12/13 00:04	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/12/13 00:04*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/12/13 00:04*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/12/13 00:04*	*1*

Client Sample ID: S-5

Date Collected: 01/04/13 13:40
Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**330**		50		ug/L			01/12/13 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/12/13 00:29*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/12/13 00:29*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*01/12/13 00:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.1**		0.50		ug/L			01/12/13 00:29	1

Client Sample ID: S-5

Lab Sample ID: 440-34458-4

Date Collected: 01/04/13 13:40

Matrix: Water

Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 00:29	1
Ethanol	ND		150		ug/L			01/12/13 00:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 00:29	1
Ethylbenzene	**0.82**		0.50		ug/L			01/12/13 00:29	1
Methyl-t-Butyl Ether (MTBE)	**4.0**		0.50		ug/L			01/12/13 00:29	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 00:29	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 00:29	1
Toluene	ND		0.50		ug/L			01/12/13 00:29	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/12/13 00:29*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/12/13 00:29*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*01/12/13 00:29*	*1*

Client Sample ID: S-5B

Lab Sample ID: 440-34458-5

Date Collected: 01/04/13 12:05

Matrix: Water

Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*01/12/13 00:56*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/12/13 00:56*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/12/13 00:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 00:56	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 00:56	1
Ethanol	ND		150		ug/L			01/12/13 00:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 00:56	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 00:56	1
Methyl-t-Butyl Ether (MTBE)	**0.87**		0.50		ug/L			01/12/13 00:56	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 00:56	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 00:56	1
Toluene	ND		0.50		ug/L			01/12/13 00:56	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/12/13 00:56*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*01/12/13 00:56*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/12/13 00:56*	*1*

Client Sample ID: S-5C

Lab Sample ID: 440-34458-6

Date Collected: 01/04/13 12:55
Matrix: Water
Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/12/13 01:23*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/12/13 01:23*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/12/13 01:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 01:23	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 01:23	1
Ethanol	ND		150		ug/L			01/12/13 01:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 01:23	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 01:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/12/13 01:23	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 01:23	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 01:23	1
Toluene	ND		0.50		ug/L			01/12/13 01:23	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/12/13 01:23*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/12/13 01:23*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/12/13 01:23*	*1*

Client Sample ID: S-6

Lab Sample ID: 440-34458-7

Date Collected: 01/04/13 10:10
Matrix: Water
Date Received: 01/08/13 09:50

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)	**660**		50		ug/L			01/10/13 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*01/10/13 11:36*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/10/13 11:36*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/10/13 11:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/10/13 11:36	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/10/13 11:36	1
Ethanol	ND		150		ug/L			01/10/13 11:36	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/10/13 11:36	1
Ethylbenzene	ND		0.50		ug/L			01/10/13 11:36	1
Methyl-t-Butyl Ether (MTBE)	**3.5**		0.50		ug/L			01/10/13 11:36	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/10/13 11:36	1
tert-Butyl alcohol (TBA)	**1000**		10		ug/L			01/10/13 11:36	1
Toluene	ND		0.50		ug/L			01/10/13 11:36	1
Xylenes, Total	ND		1.0		ug/L			01/10/13 11:36	1

Client Sample ID: S-6

Lab Sample ID: 440-34458-7

Date Collected: 01/04/13 10:10

Matrix: Water

Date Received: 01/08/13 09:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/10/13 11:36*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*01/10/13 11:36*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/10/13 11:36*	*1*

Client Sample ID: S-7

Lab Sample ID: 440-34458-8

Date Collected: 01/04/13 10:20

Matrix: Water

Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/12/13 02:17*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/12/13 02:17*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/12/13 02:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 02:17	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 02:17	1
Ethanol	ND		150		ug/L			01/12/13 02:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 02:17	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 02:17	1
Methyl-t-Butyl Ether (MTBE)	**4.0**		0.50		ug/L			01/12/13 02:17	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 02:17	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 02:17	1
Toluene	ND		0.50		ug/L			01/12/13 02:17	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/12/13 02:17*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/12/13 02:17*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/12/13 02:17*	*1*

Client Sample ID: S-8

Lab Sample ID: 440-34458-9

Date Collected: 01/04/13 10:35

Matrix: Water

Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*01/12/13 02:44*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/12/13 02:44*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/12/13 02:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 02:44	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 02:44	1

Client Sample ID: S-8

Lab Sample ID: 440-34458-9

Date Collected: 01/04/13 10:35
Matrix: Water
Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		150		ug/L			01/12/13 02:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 02:44	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 02:44	1
Methyl-t-Butyl Ether (MTBE)	**3.5**		0.50		ug/L			01/12/13 02:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 02:44	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 02:44	1
Toluene	ND		0.50		ug/L			01/12/13 02:44	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/12/13 02:44*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*01/12/13 02:44*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/12/13 02:44*	*1*

Client Sample ID: S-9

Lab Sample ID: 440-34458-10

Date Collected: 01/04/13 10:25
Matrix: Water
Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/12/13 03:11*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/12/13 03:11*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/12/13 03:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 03:11	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 03:11	1
Ethanol	ND		150		ug/L			01/12/13 03:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 03:11	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 03:11	1
Methyl-t-Butyl Ether (MTBE)	**7.4**		0.50		ug/L			01/12/13 03:11	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 03:11	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 03:11	1
Toluene	ND		0.50		ug/L			01/12/13 03:11	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/12/13 03:11*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/12/13 03:11*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/12/13 03:11*	*1*

Client Sample ID: S-9B

Lab Sample ID: 440-34458-11

Date Collected: 01/04/13 10:56

Matrix: Water

Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/12/13 03:38*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/12/13 03:38*	*1*
Toluene-d8 (Surr)	*116*		*80 - 120*		*01/12/13 03:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 03:38	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 03:38	1
Ethanol	ND		150		ug/L			01/12/13 03:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 03:38	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 03:38	1
Methyl-t-Butyl Ether (MTBE)	**3.8**		0.50		ug/L			01/12/13 03:38	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 03:38	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 03:38	1
Toluene	ND		0.50		ug/L			01/12/13 03:38	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/12/13 03:38*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/12/13 03:38*	*1*
Toluene-d8 (Surr)	*116*		*80 - 120*		*01/12/13 03:38*	*1*

Client Sample ID: S-9C

Lab Sample ID: 440-34458-12

Date Collected: 01/04/13 10:28

Matrix: Water

Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*01/11/13 03:13*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/11/13 03:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/11/13 03:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 03:13	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 03:13	1
Ethanol	ND		150		ug/L			01/11/13 03:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 03:13	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 03:13	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 03:13	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 03:13	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 03:13	1
Toluene	ND		0.50		ug/L			01/11/13 03:13	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 03:13	1

Client Sample ID: S-9C

Lab Sample ID: 440-34458-12

Date Collected: 01/04/13 10:28
Matrix: Water
Date Received: 01/08/13 09:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/11/13 03:13*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*01/11/13 03:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/11/13 03:13*	*1*

Client Sample ID: S-10

Lab Sample ID: 440-34458-13

Date Collected: 01/04/13 12:20
Matrix: Water
Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*01/11/13 03:44*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/11/13 03:44*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 03:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 03:44	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 03:44	1
Ethanol	ND		150		ug/L			01/11/13 03:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 03:44	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 03:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 03:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 03:44	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 03:44	1
Toluene	ND		0.50		ug/L			01/11/13 03:44	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/11/13 03:44*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*01/11/13 03:44*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 03:44*	*1*

Client Sample ID: S-11

Lab Sample ID: 440-34458-14

Date Collected: 01/04/13 12:15
Matrix: Water
Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*01/11/13 04:14*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/11/13 04:14*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/11/13 04:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 04:14	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 04:14	1

Client Sample ID: S-11

Lab Sample ID: 440-34458-14

Date Collected: 01/04/13 12:15
Matrix: Water
Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		150		ug/L			01/11/13 04:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 04:14	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 04:14	1
Methyl-t-Butyl Ether (MTBE)	**9.1**		0.50		ug/L			01/11/13 04:14	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 04:14	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 04:14	1
Toluene	ND		0.50		ug/L			01/11/13 04:14	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/11/13 04:14*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*01/11/13 04:14*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/11/13 04:14*	*1*

Client Sample ID: S-12

Lab Sample ID: 440-34458-15

Date Collected: 01/04/13 11:30
Matrix: Water
Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*01/11/13 04:45*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*01/11/13 04:45*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 04:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 04:45	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 04:45	1
Ethanol	ND		150		ug/L			01/11/13 04:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 04:45	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 04:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 04:45	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 04:45	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 04:45	1
Toluene	ND		0.50		ug/L			01/11/13 04:45	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*01/11/13 04:45*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*01/11/13 04:45*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 04:45*	*1*

Client Sample ID: S-14

Lab Sample ID: 440-34458-16

Date Collected: 01/04/13 12:30

Matrix: Water

Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*01/11/13 05:15*	*1*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*01/11/13 05:15*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/11/13 05:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 05:15	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 05:15	1
Ethanol	ND		150		ug/L			01/11/13 05:15	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 05:15	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 05:15	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 05:15	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 05:15	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 05:15	1
Toluene	ND		0.50		ug/L			01/11/13 05:15	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*01/11/13 05:15*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*01/11/13 05:15*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/11/13 05:15*	*1*

Client Sample ID: SR-1

Lab Sample ID: 440-34458-17

Date Collected: 01/04/13 13:45

Matrix: Water

Date Received: 01/08/13 09:50

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)	**59**		50		ug/L			01/11/13 05:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*01/11/13 05:46*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/11/13 05:46*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 05:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 05:46	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 05:46	1
Ethanol	ND		150		ug/L			01/11/13 05:46	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 05:46	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 05:46	1
Methyl-t-Butyl Ether (MTBE)	**4.4**		0.50		ug/L			01/11/13 05:46	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 05:46	1
tert-Butyl alcohol (TBA)	**160**		10		ug/L			01/11/13 05:46	1
Toluene	ND		0.50		ug/L			01/11/13 05:46	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 05:46	1

Client Sample ID: SR-1

Lab Sample ID: 440-34458-17

Date Collected: 01/04/13 13:45
Matrix: Water
Date Received: 01/08/13 09:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/11/13 05:46*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*01/11/13 05:46*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 05:46*	*1*

Client Sample ID: SR-2

Lab Sample ID: 440-34458-18

Date Collected: 01/04/13 13:20
Matrix: Water
Date Received: 01/08/13 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*01/11/13 06:16*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*01/11/13 06:16*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 06:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 06:16	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 06:16	1
Ethanol	ND		150		ug/L			01/11/13 06:16	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 06:16	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 06:16	1
Methyl-t-Butyl Ether (MTBE)	**1.1**		0.50		ug/L			01/11/13 06:16	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 06:16	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 06:16	1
Toluene	ND		0.50		ug/L			01/11/13 06:16	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*01/11/13 06:16*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*01/11/13 06:16*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 06:16*	*1*

Client Sample ID: SR-3

Lab Sample ID: 440-34458-19

Date Collected: 01/04/13 13:00
Matrix: Water
Date Received: 01/08/13 09:50

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)	**110**		50		ug/L			01/11/13 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*01/11/13 15:23*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/11/13 15:23*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*01/11/13 15:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 15:23	1

Client Sample ID: SR-3
Date Collected: 01/04/13 13:00
Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 15:23	1
Ethanol	ND		150		ug/L			01/11/13 15:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 15:23	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 15:23	1
Methyl-t-Butyl Ether (MTBE)	**1.4**		0.50		ug/L			01/11/13 15:23	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 15:23	1
tert-Butyl alcohol (TBA)	**62**		10		ug/L			01/11/13 15:23	1
Toluene	ND		0.50		ug/L			01/11/13 15:23	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/11/13 15:23*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*01/11/13 15:23*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*01/11/13 15:23*	*1*

Lab Chronicle

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-2

Lab Sample ID: 440-34458-1

Date Collected: 01/04/13 14:00

Matrix: Water

Date Received: 01/08/13 09:50

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	78456	01/11/13 23:09	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/11/13 23:09	NS	TAL IRV

Client Sample ID: S-3

Lab Sample ID: 440-34458-2

Date Collected: 01/04/13 13:30

Matrix: Water

Date Received: 01/08/13 09:50

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	78456	01/11/13 23:36	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/11/13 23:36	NS	TAL IRV

Client Sample ID: S-4

Lab Sample ID: 440-34458-3

Date Collected: 01/04/13 13:10

Matrix: Water

Date Received: 01/08/13 09:50

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	78456	01/12/13 00:04	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/12/13 00:04	NS	TAL IRV

Client Sample ID: S-5

Lab Sample ID: 440-34458-4

Date Collected: 01/04/13 13:40

Matrix: Water

Date Received: 01/08/13 09:50

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	78456	01/12/13 00:29	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/12/13 00:29	NS	TAL IRV

Client Sample ID: S-5B

Lab Sample ID: 440-34458-5

Date Collected: 01/04/13 12:05

Matrix: Water

Date Received: 01/08/13 09:50

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	78456	01/12/13 00:56	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/12/13 00:56	NS	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-5C

Lab Sample ID: 440-34458-6

Date Collected: 01/04/13 12:55

Matrix: Water

Date Received: 01/08/13 09:50

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	78456	01/12/13 01:23	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/12/13 01:23	NS	TAL IRV

Client Sample ID: S-6

Lab Sample ID: 440-34458-7

Date Collected: 01/04/13 10:10

Matrix: Water

Date Received: 01/08/13 09:50

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	78058	01/10/13 11:36	CP	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78059	01/10/13 11:36	CP	TAL IRV

Client Sample ID: S-7

Lab Sample ID: 440-34458-8

Date Collected: 01/04/13 10:20

Matrix: Water

Date Received: 01/08/13 09:50

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	78456	01/12/13 02:17	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/12/13 02:17	NS	TAL IRV

Client Sample ID: S-8

Lab Sample ID: 440-34458-9

Date Collected: 01/04/13 10:35

Matrix: Water

Date Received: 01/08/13 09:50

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	78456	01/12/13 02:44	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/12/13 02:44	NS	TAL IRV

Client Sample ID: S-9

Lab Sample ID: 440-34458-10

Date Collected: 01/04/13 10:25

Matrix: Water

Date Received: 01/08/13 09:50

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	78456	01/12/13 03:11	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/12/13 03:11	NS	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-9B

Lab Sample ID: 440-34458-11

Date Collected: 01/04/13 10:56
Matrix: Water
Date Received: 01/08/13 09:50

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	78456	01/12/13 03:38	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78457	01/12/13 03:38	NS	TAL IRV

Client Sample ID: S-9C

Lab Sample ID: 440-34458-12

Date Collected: 01/04/13 10:28
Matrix: Water
Date Received: 01/08/13 09:50

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	78240	01/11/13 03:13	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78241	01/11/13 03:13	RM	TAL IRV

Client Sample ID: S-10

Lab Sample ID: 440-34458-13

Date Collected: 01/04/13 12:20
Matrix: Water
Date Received: 01/08/13 09:50

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	78240	01/11/13 03:44	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78241	01/11/13 03:44	RM	TAL IRV

Client Sample ID: S-11

Lab Sample ID: 440-34458-14

Date Collected: 01/04/13 12:15
Matrix: Water
Date Received: 01/08/13 09:50

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	78240	01/11/13 04:14	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78241	01/11/13 04:14	RM	TAL IRV

Client Sample ID: S-12

Lab Sample ID: 440-34458-15

Date Collected: 01/04/13 11:30
Matrix: Water
Date Received: 01/08/13 09:50

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	78240	01/11/13 04:45	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78241	01/11/13 04:45	RM	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-14

Lab Sample ID: 440-34458-16

Date Collected: 01/04/13 12:30
Matrix: Water
Date Received: 01/08/13 09:50

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	78240	01/11/13 05:15	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78241	01/11/13 05:15	RM	TAL IRV

Client Sample ID: SR-1

Lab Sample ID: 440-34458-17

Date Collected: 01/04/13 13:45
Matrix: Water
Date Received: 01/08/13 09:50

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	78240	01/11/13 05:46	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78241	01/11/13 05:46	RM	TAL IRV

Client Sample ID: SR-2

Lab Sample ID: 440-34458-18

Date Collected: 01/04/13 13:20
Matrix: Water
Date Received: 01/08/13 09:50

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	78240	01/11/13 06:16	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78241	01/11/13 06:16	RM	TAL IRV

Client Sample ID: SR-3

Lab Sample ID: 440-34458-19

Date Collected: 01/04/13 13:00
Matrix: Water
Date Received: 01/08/13 09:50

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	78313	01/11/13 15:23	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	78314	01/11/13 15:23	WC	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 440-78058/5
Matrix: Water
Analysis Batch: 78058

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			01/10/13 09:57	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/10/13 09:57	1
Ethanol	ND		150		ug/L			01/10/13 09:57	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/10/13 09:57	1
Ethylbenzene	ND		0.50		ug/L			01/10/13 09:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/10/13 09:57	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/10/13 09:57	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/10/13 09:57	1
Toluene	ND		0.50		ug/L			01/10/13 09:57	1
Xylenes, Total	ND		1.0		ug/L			01/10/13 09:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/10/13 09:57*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*01/10/13 09:57*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/10/13 09:57*	*1*

Lab Sample ID: LCS 440-78058/6
Matrix: Water
Analysis Batch: 78058

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	19.8		ug/L		79	70 - 120
Isopropyl Ether (DIPE)	25.0	23.2		ug/L		93	60 - 135
Ethanol	250	195		ug/L		78	40 - 155
Ethyl-t-butyl ether (ETBE)	25.0	24.0		ug/L		96	65 - 135
Ethylbenzene	25.0	24.7		ug/L		99	75 - 125
m,p-Xylene	50.0	44.8		ug/L		90	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	25.1		ug/L		100	60 - 135
o-Xylene	25.0	22.8		ug/L		91	75 - 125
Tert-amyl-methyl ether (TAME)	25.0	24.4		ug/L		98	60 - 135
tert-Butyl alcohol (TBA)	125	126		ug/L		101	70 - 135
Toluene	25.0	24.5		ug/L		98	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*108*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 440-34458-7 MS
Matrix: Water
Analysis Batch: 78058

Client Sample ID: S-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	19.4		ug/L		78	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	22.4		ug/L		90	60 - 140
Ethanol	ND		250	264		ug/L		106	40 - 155
Ethyl-t-butyl ether (ETBE)	ND		25.0	22.9		ug/L		92	60 - 135

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

Lab Sample ID: 440-34458-7 MS
Matrix: Water
Analysis Batch: 78058

Client Sample ID: S-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	ND		25.0	25.2		ug/L		101	65 - 130
m,p-Xylene	ND		50.0	46.2		ug/L		92	65 - 130
Methyl-t-Butyl Ether (MTBE)	3.5		25.0	27.5		ug/L		96	55 - 145
o-Xylene	ND		25.0	22.8		ug/L		91	65 - 125
Tert-amyl-methyl ether (TAME)	ND		25.0	22.2		ug/L		89	60 - 140
tert-Butyl alcohol (TBA)	1000		125	1210	4	ug/L		139	65 - 140
Toluene	ND		25.0	24.1		ug/L		96	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 440-34458-7 MSD
Matrix: Water
Analysis Batch: 78058

Client Sample ID: S-6
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	20.7		ug/L		83	65 - 125	6	20
Isopropyl Ether (DIPE)	ND		25.0	24.1		ug/L		96	60 - 140	7	25
Ethanol	ND		250	280		ug/L		112	40 - 155	6	30
Ethyl-t-butyl ether (ETBE)	ND		25.0	24.2		ug/L		97	60 - 135	5	25
Ethylbenzene	ND		25.0	24.9		ug/L		100	65 - 130	1	20
m,p-Xylene	ND		50.0	47.1		ug/L		94	65 - 130	2	25
Methyl-t-Butyl Ether (MTBE)	3.5		25.0	28.5		ug/L		100	55 - 145	4	25
o-Xylene	ND		25.0	23.2		ug/L		93	65 - 125	2	20
Tert-amyl-methyl ether (TAME)	ND		25.0	24.8		ug/L		99	60 - 140	11	30
tert-Butyl alcohol (TBA)	1000		125	1210	4	ug/L		141	65 - 140	0	25
Toluene	ND		25.0	25.4		ug/L		102	70 - 125	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: MB 440-78240/5
Matrix: Water
Analysis Batch: 78240

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			01/10/13 20:04	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/10/13 20:04	1
Ethanol	ND		150		ug/L			01/10/13 20:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/10/13 20:04	1
Ethylbenzene	ND		0.50		ug/L			01/10/13 20:04	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/10/13 20:04	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/10/13 20:04	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/10/13 20:04	1

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

Lab Sample ID: MB 440-78240/5
Matrix: Water
Analysis Batch: 78240

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			01/10/13 20:04	1
Xylenes, Total	ND		1.0		ug/L			01/10/13 20:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*01/10/13 20:04*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*01/10/13 20:04*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/10/13 20:04*	*1*

Lab Sample ID: LCS 440-78240/6
Matrix: Water
Analysis Batch: 78240

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	20.5		ug/L		82	70 - 120
Isopropyl Ether (DIPE)	25.0	21.5		ug/L		86	60 - 135
Ethanol	250	226		ug/L		90	40 - 155
Ethyl-t-butyl ether (ETBE)	25.0	21.8		ug/L		87	65 - 135
Ethylbenzene	25.0	25.9		ug/L		103	75 - 125
m,p-Xylene	50.0	47.7		ug/L		95	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	22.0		ug/L		88	60 - 135
o-Xylene	25.0	23.2		ug/L		93	75 - 125
Tert-amyl-methyl ether (TAME)	25.0	22.1		ug/L		88	60 - 135
tert-Butyl alcohol (TBA)	125	130		ug/L		104	70 - 135
Toluene	25.0	24.5		ug/L		98	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 440-34330-C-1 MS
Matrix: Water
Analysis Batch: 78240

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	21.0		ug/L		84	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	23.0		ug/L		92	60 - 140
Ethanol	ND		250	247		ug/L		99	40 - 155
Ethyl-t-butyl ether (ETBE)	ND		25.0	22.9		ug/L		92	60 - 135
Ethylbenzene	ND		25.0	25.7		ug/L		103	65 - 130
m,p-Xylene	ND		50.0	47.7		ug/L		95	65 - 130
Methyl-t-Butyl Ether (MTBE)	1200	E	25.0	1200	E 4	ug/L		164	55 - 145
o-Xylene	ND		25.0	24.0		ug/L		96	65 - 125
Tert-amyl-methyl ether (TAME)	9.9		25.0	34.3		ug/L		97	60 - 140
tert-Butyl alcohol (TBA)	93		125	241		ug/L		118	65 - 140
Toluene	ND		25.0	25.5		ug/L		102	70 - 125

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

Lab Sample ID: 440-34330-C-1 MS
Matrix: Water
Analysis Batch: 78240

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 440-34330-C-1 MSD
Matrix: Water
Analysis Batch: 78240

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	20.8		ug/L		83	65 - 125	1	20
Isopropyl Ether (DIPE)	ND		25.0	23.6		ug/L		94	60 - 140	3	25
Ethanol	ND		250	206		ug/L		82	40 - 155	18	30
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.7		ug/L		95	60 - 135	3	25
Ethylbenzene	ND		25.0	25.8		ug/L		103	65 - 130	0	20
m,p-Xylene	ND		50.0	47.7		ug/L		95	65 - 130	0	25
Methyl-t-Butyl Ether (MTBE)	1200	E	25.0	1260	E 4	ug/L		375	55 - 145	4	25
o-Xylene	ND		25.0	24.2		ug/L		97	65 - 125	0	20
Tert-amyl-methyl ether (TAME)	9.9		25.0	34.6		ug/L		99	60 - 140	1	30
tert-Butyl alcohol (TBA)	93		125	219		ug/L		100	65 - 140	10	25
Toluene	ND		25.0	24.8		ug/L		99	70 - 125	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 440-78313/4
Matrix: Water
Analysis Batch: 78313

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			01/11/13 10:48	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 10:48	1
Ethanol	ND		150		ug/L			01/11/13 10:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 10:48	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 10:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 10:48	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 10:48	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 10:48	1
Toluene	ND		0.50		ug/L			01/11/13 10:48	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 10:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/11/13 10:48*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*01/11/13 10:48*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/11/13 10:48*	*1*

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

Lab Sample ID: LCS 440-78313/5
Matrix: Water
Analysis Batch: 78313

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	24.5		ug/L		98	70 - 120
Isopropyl Ether (DIPE)	25.0	24.3		ug/L		97	60 - 135
Ethanol	250	328		ug/L		131	40 - 155
Ethyl-t-butyl ether (ETBE)	25.0	20.9		ug/L		84	65 - 135
Ethylbenzene	25.0	26.4		ug/L		105	75 - 125
m,p-Xylene	50.0	53.1		ug/L		106	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	25.1		ug/L		101	60 - 135
o-Xylene	25.0	26.6		ug/L		106	75 - 125
Tert-amyl-methyl ether (TAME)	25.0	23.1		ug/L		93	60 - 135
tert-Butyl alcohol (TBA)	125	154		ug/L		123	70 - 135
Toluene	25.0	27.3		ug/L		109	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 440-34330-B-3 MS
Matrix: Water
Analysis Batch: 78313

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	23.1		ug/L		92	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	22.5		ug/L		90	60 - 140
Ethanol	ND		250	324		ug/L		129	40 - 155
Ethyl-t-butyl ether (ETBE)	ND		25.0	19.4		ug/L		78	60 - 135
Ethylbenzene	ND		25.0	24.6		ug/L		98	65 - 130
m,p-Xylene	ND		50.0	49.4		ug/L		99	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.4		ug/L		93	55 - 145
o-Xylene	ND		25.0	25.5		ug/L		102	65 - 125
Tert-amyl-methyl ether (TAME)	ND		25.0	22.3		ug/L		89	60 - 140
tert-Butyl alcohol (TBA)	ND		125	150		ug/L		120	65 - 140
Toluene	ND		25.0	26.0		ug/L		104	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 440-34330-B-3 MSD
Matrix: Water
Analysis Batch: 78313

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	23.3		ug/L		93	65 - 125	1	20
Isopropyl Ether (DIPE)	ND		25.0	22.5		ug/L		90	60 - 140	0	25
Ethanol	ND		250	320		ug/L		128	40 - 155	1	30

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

Lab Sample ID: 440-34330-B-3 MSD
Matrix: Water
Analysis Batch: 78313

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
Ethyl-t-butyl ether (ETBE)	ND		25.0	19.5		ug/L		78	60 - 135	0	25
Ethylbenzene	ND		25.0	23.7		ug/L		95	65 - 130	3	20
m,p-Xylene	ND		50.0	45.5		ug/L		91	65 - 130	8	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.1		ug/L		93	55 - 145	1	25
o-Xylene	ND		25.0	24.2		ug/L		97	65 - 125	5	20
Tert-amyl-methyl ether (TAME)	ND		25.0	22.3		ug/L		89	60 - 140	0	30
tert-Butyl alcohol (TBA)	ND		125	144		ug/L		115	65 - 140	4	25
Toluene	ND		25.0	25.6		ug/L		102	70 - 125	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: MB 440-78456/4
Matrix: Water
Analysis Batch: 78456

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			01/11/13 20:00	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 20:00	1
Ethanol	ND		150		ug/L			01/11/13 20:00	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 20:00	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 20:00	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 20:00	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 20:00	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 20:00	1
Toluene	ND		0.50		ug/L			01/11/13 20:00	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 20:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/11/13 20:00*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*01/11/13 20:00*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 20:00*	*1*

Lab Sample ID: LCS 440-78456/5
Matrix: Water
Analysis Batch: 78456

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	22.0		ug/L		88	70 - 120
Isopropyl Ether (DIPE)	25.0	21.4		ug/L		86	60 - 135
Ethanol	250	305		ug/L		122	40 - 155
Ethyl-t-butyl ether (ETBE)	25.0	18.7		ug/L		75	65 - 135
Ethylbenzene	25.0	24.0		ug/L		96	75 - 125
m,p-Xylene	50.0	47.9		ug/L		96	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	22.1		ug/L		89	60 - 135
o-Xylene	25.0	24.6		ug/L		98	75 - 125

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

Lab Sample ID: LCS 440-78456/5
Matrix: Water
Analysis Batch: 78456

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tert-amyl-methyl ether (TAME)	25.0	19.6		ug/L		78	60 - 135
tert-Butyl alcohol (TBA)	125	155		ug/L		124	70 - 135
Toluene	25.0	24.8		ug/L		99	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: 440-34306-B-8 MS
Matrix: Water
Analysis Batch: 78456

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	21.4		ug/L		85	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	21.9		ug/L		88	60 - 140
Ethanol	ND		250	287		ug/L		115	40 - 155
Ethyl-t-butyl ether (ETBE)	ND		25.0	19.3		ug/L		77	60 - 135
Ethylbenzene	ND		25.0	23.3		ug/L		93	65 - 130
m,p-Xylene	ND		50.0	45.8		ug/L		92	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	22.6		ug/L		91	55 - 145
o-Xylene	ND		25.0	24.0		ug/L		96	65 - 125
Tert-amyl-methyl ether (TAME)	ND		25.0	21.6		ug/L		87	60 - 140
tert-Butyl alcohol (TBA)	ND		125	143		ug/L		114	65 - 140
Toluene	ND		25.0	24.3		ug/L		97	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 440-34306-B-8 MSD
Matrix: Water
Analysis Batch: 78456

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	21.7		ug/L		87	65 - 125	1	20
Isopropyl Ether (DIPE)	ND		25.0	22.5		ug/L		90	60 - 140	3	25
Ethanol	ND		250	288		ug/L		115	40 - 155	0	30
Ethyl-t-butyl ether (ETBE)	ND		25.0	19.9		ug/L		80	60 - 135	3	25
Ethylbenzene	ND		25.0	23.6		ug/L		94	65 - 130	1	20
m,p-Xylene	ND		50.0	47.5		ug/L		95	65 - 130	4	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.8		ug/L		95	55 - 145	5	25
o-Xylene	ND		25.0	24.7		ug/L		99	65 - 125	3	20
Tert-amyl-methyl ether (TAME)	ND		25.0	22.9		ug/L		92	60 - 140	6	30
tert-Butyl alcohol (TBA)	ND		125	138		ug/L		110	65 - 140	4	25
Toluene	ND		25.0	23.9		ug/L		96	70 - 125	2	20

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

Lab Sample ID: 440-34306-B-8 MSD
Matrix: Water
Analysis Batch: 78456

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

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: MB 440-78059/5
Matrix: Water
Analysis Batch: 78059

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			01/10/13 09:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*01/10/13 09:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/10/13 09:57*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/10/13 09:57*	*1*

Lab Sample ID: LCS 440-78059/7
Matrix: Water
Analysis Batch: 78059

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	522		ug/L		104	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-34458-7 MS
Matrix: Water
Analysis Batch: 78059

Client Sample ID: S-6
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)	660		1730	1980		ug/L		77	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: 440-34458-7 MSD — **Client Sample ID: S-6**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 78059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	660		1730	2090		ug/L		83	50 - 145	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: MB 440-78241/5 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 78241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/10/13 20:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*01/10/13 20:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*01/10/13 20:04*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/10/13 20:04*	*1*

Lab Sample ID: LCS 440-78241/7 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 78241

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	494		ug/L		99	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-34330-C-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 78241

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	1400		1730	2870		ug/L		83	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

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

Lab Sample ID: 440-34330-C-1 MSD
Matrix: Water
Analysis Batch: 78241

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)	1400		1730	2900		ug/L		84	50 - 145	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 440-78314/4
Matrix: Water
Analysis Batch: 78314

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			01/11/13 10:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*01/11/13 10:48*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/11/13 10:48*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/11/13 10:48*	*1*

Lab Sample ID: LCS 440-78314/6
Matrix: Water
Analysis Batch: 78314

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	578		ug/L		116	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 440-34330-B-3 MS
Matrix: Water
Analysis Batch: 78314

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	1610		ug/L		93	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

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

Lab Sample ID: 440-34330-B-3 MSD
Matrix: Water
Analysis Batch: 78314

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		90	50 - 145	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: MB 440-78457/4
Matrix: Water
Analysis Batch: 78457

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			01/11/13 20:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*01/11/13 20:00*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/11/13 20:00*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/11/13 20:00*	*1*

Lab Sample ID: LCS 440-78457/6
Matrix: Water
Analysis Batch: 78457

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	514		ug/L		103	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-34306-B-8 MS
Matrix: Water
Analysis Batch: 78457

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	1510		ug/L		88	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: 440-34306-B-8 MSD
Matrix: Water
Analysis Batch: 78457

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	1590		ug/L		92	50 - 145	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

GC/MS VOA

Analysis Batch: 78058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-34458-7	S-6	Total/NA	Water	8260B	
440-34458-7 MS	S-6	Total/NA	Water	8260B	
440-34458-7 MSD	S-6	Total/NA	Water	8260B	
LCS 440-78058/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-78058/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 78059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-34458-7	S-6	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-7 MS	S-6	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-7 MSD	S-6	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-78059/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-78059/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 78240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-34330-C-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-34330-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-34458-12	S-9C	Total/NA	Water	8260B	
440-34458-13	S-10	Total/NA	Water	8260B	
440-34458-14	S-11	Total/NA	Water	8260B	
440-34458-15	S-12	Total/NA	Water	8260B	
440-34458-16	S-14	Total/NA	Water	8260B	
440-34458-17	SR-1	Total/NA	Water	8260B	
440-34458-18	SR-2	Total/NA	Water	8260B	
LCS 440-78240/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-78240/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 78241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-34330-C-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-34330-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-12	S-9C	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-13	S-10	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-14	S-11	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-15	S-12	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-16	S-14	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-17	SR-1	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-18	SR-2	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 78241 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-78241/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-78241/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 78313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-34330-B-3 MS	Matrix Spike	Total/NA	Water	8260B	
440-34330-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-34458-19	SR-3	Total/NA	Water	8260B	
LCS 440-78313/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-78313/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 78314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-34330-B-3 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-34330-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-19	SR-3	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-78314/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-78314/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 78456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-34306-B-8 MS	Matrix Spike	Total/NA	Water	8260B	
440-34306-B-8 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-34458-1	S-2	Total/NA	Water	8260B	
440-34458-2	S-3	Total/NA	Water	8260B	
440-34458-3	S-4	Total/NA	Water	8260B	
440-34458-4	S-5	Total/NA	Water	8260B	
440-34458-5	S-5B	Total/NA	Water	8260B	
440-34458-6	S-5C	Total/NA	Water	8260B	
440-34458-8	S-7	Total/NA	Water	8260B	
440-34458-9	S-8	Total/NA	Water	8260B	
440-34458-10	S-9	Total/NA	Water	8260B	
440-34458-11	S-9B	Total/NA	Water	8260B	
LCS 440-78456/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-78456/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 78457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-34306-B-8 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-34306-B-8 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-1	S-2	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-2	S-3	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 78457 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-34458-3	S-4	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-4	S-5	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-5	S-5B	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-6	S-5C	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-8	S-7	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-9	S-8	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-10	S-9	Total/NA	Water	8260B/CA_LUFT MS	
440-34458-11	S-9B	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-78457/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-78457/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Qualifiers

GC/MS VOA

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

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, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
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: 440-34458-1

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	01-31-13
California	NELAP	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-13
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-13

#440-344580

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&OM
- ☑ 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: 1/4/13

PAGE: 1 of 2

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): D. Reynal / K. Sim

LAB USE ONLY

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

REQUESTED ANALYSIS

- ☐ LA - RWQCB REPORT FORMAT
- ☐ UST AGENCY:

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

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

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

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

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

TEMPERATURE ON RECEIPT, °C: CS 2.8

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) / Oxy's (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	130104-DR1	010413	SK	S-2	1400	WG	X					3	X				X						X		
WG			SK	S-3	1330	WG	X					3	X				✓						X		
WG			SK	S-4	1310	WG	X					3	X				✓						X		
WG			SK	S-5	1340	WG	X					3	X				X						X		
WG			DR	S-5B	1205	WG	X					3	X				X						X		
WG			DR	S-5C	1255	WG	X					3	X				✓						✓		
WG			SK	S-6	1010	WG	X					3	X				✓						X		
WG			DR	S-7	1020	WG	X					3	X				X						X		
WG			SK	S-8	1035	WG	X					3	✓				X						X		
WG	↓	↓	SK	S-9	1025	WG	X					3	X				X						X		

Relinquished by: (Signature)		Received by: (Signature)	(Sample custodian) Date: 1/4/13 Time: 1455
Relinquished by: (Signature) Sample Custodian BTS 1-7-13	1300	Received by: (Signature)	Date: 1-7-13 Time: 13:00
Relinquished by: (Signature) 1-7-13 17:00		Received by: (Signature)	Date: 1/8/13 Time: 9:50

Page 38 of 40

1/17/2013

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: 1/4/13

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

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

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ADDRESS: 1680 Rogers Avenue, San Jose, CA

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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): D. Reynal / K. Sim

LAB USE ONLY

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

REQUESTED ANALYSIS

- ☐ LA - RWQCB REPORT FORMAT
- ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:
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Copy final report to Shell.Lab.Billing@craworld.com, ShellEDF@craworld.com, Shell-US-LabDataMahagement@CRAworld.com, and pschaefer@CRAWorld.com

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

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

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

TEMPERATURE ON RECEIPT, °C: CS / 2.8

SAMPLE ID	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE: HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-GRO, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	VOCs Full list (8260B)	Single Compound: _____ (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015B)	Container PID Readings or Laboratory Notes
WG	130104-DR1	010413	DR	S-9B	1056	WG	X					3	X					X					X		
WG			DR	S-9C	1028	WG	X					3	X					X					X		
WG			SK	S-10	1220	WG	X					3	X					X					X		
WG			DR	S-11	1215	WG	X					3	X					X					X		
WG			DR	S-12	1130	WG	X					3	X					X					X		
WG			DR	S-14	1230	WG	X					3	X					X					X		
				S-15		WG	X					3	X					X					X		DR
WG			DR	SR-1	1345	WG	X					3	X					X					X		
WG			SK	SR-2	1320	WG	X					3	X					X					X		
WG	↓	↓	SK	SR-3	1300	WG	X					3	X					X					X		

Relinquished by: (Signature)		Received by: (Signature)	(Sample custodian)
Relinquished by: (Signature)	Sample Custodian BTS 1300	Received by: (Signature)	
Relinquished by: (Signature)	1-7-13 17:00	Received by: (Signature)	

Date	Time
1/4/13	1455
1-7-13	13:00
1/8/13	9:30

Page 39 of 40

1/7/2013

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-34458-1

Login Number: 34458
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.	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	D.Raynal
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	