CONESTOGA-ROVERS & ASSOCIATES

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Emeryville, California 94608
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TRANSMITTAL

DATE: August 15, 2012

REFERENCE NO.: 240523

PROJECT NAME: 4212 First Street, Pleasanton

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

RECEIVED
11:32 am, Aug 20, 2012
Alameda County
Environmental Health

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

- ☐ 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)
Douglas E. & Mary M. Safreno (property owner), 1627 Vineyard Avenue, Pleasanton, CA 94566-6389
Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street, Pleasanton, CA 94566-6267
Cheryl Dizon, Zone 7 Water Agency, 100 North Canyons Parkway, Livermore, CA 94551
Clint Mercer (lessee), SC Fuels, 1800 West Katella Avenue, Orange, CA 92867
Aaron O'Brien, Tamalpais Environmental Consultants (electronic copy)

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: **Correspondence File**

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

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

Re: Shell-branded Service Station
4212 First Street
Pleasanton, California
SAP Code 135782
Incident No. 98995840
ACEH Case No. RO0000360

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 – SECOND QUARTER 2012

SHELL-BRANDED SERVICE STATION
4212 FIRST STREET
PLEASANTON, CALIFORNIA

SAP CODE	135782
INCIDENT NO.	98995840
AGENCY NO.	RO0000360

Prepared by:
Conestoga-Rovers & Associates

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Emeryville, California
U.S.A. 94608

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AUGUST 15, 2012
REF. NO. 240523 (13)
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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	4212 First Street, 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.	RO0000360
Shell SAP Code	135782
Shell Incident No.	98995840

Date of most recent agency correspondence was June 26, 2012.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

As approved in Alameda County Environmental Health's (ACEH's) January 5, 2012 letter, Blaine Tech Services, Inc. (Blaine) gauged and sampled the wells according to the modified monitoring program for this site.

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

As requested in ACEH's January 5, 2012 letter, on behalf of Shell, CRA submitted a *Subsurface Investigation Work Plan*, which proposed a soil vapor investigation on May 8, 2012; a *Dual-Phase Extraction Pilot Test Work Plan* on April 12, 2012; and an *Air*

Sparge/Soil Vapor Extraction Pilot Test Work Plan on May 8, 2012. ACEH's June 26, 2012 conditionally approved the work plans.

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Northerly to northwesterly
Hydraulic Gradient	0.04
Depth to Water	31.12 to 82.10 feet below top of well casing

2.3 PROPOSED ACTIVITIES

Blaine will gauge and sample wells according to the modified monitoring program for this site. This site is monitored semiannually during the second and fourth quarters, and CRA will issue groundwater monitoring reports semiannually following the sampling events.

CRA has installed the soil vapor probes proposed in our May 8, 2012 *Subsurface Investigation Work Plan* and is scheduled to install the wells for the pilot tests from August 20 to 22, 2012. Following well development and surveying, the pilot testing is scheduled for the week of September 10, 2012. We will submit a soil vapor investigation report to ACEH by October 3, 2012 and will submit a pilot test report to ACEH by October 30, 2012.

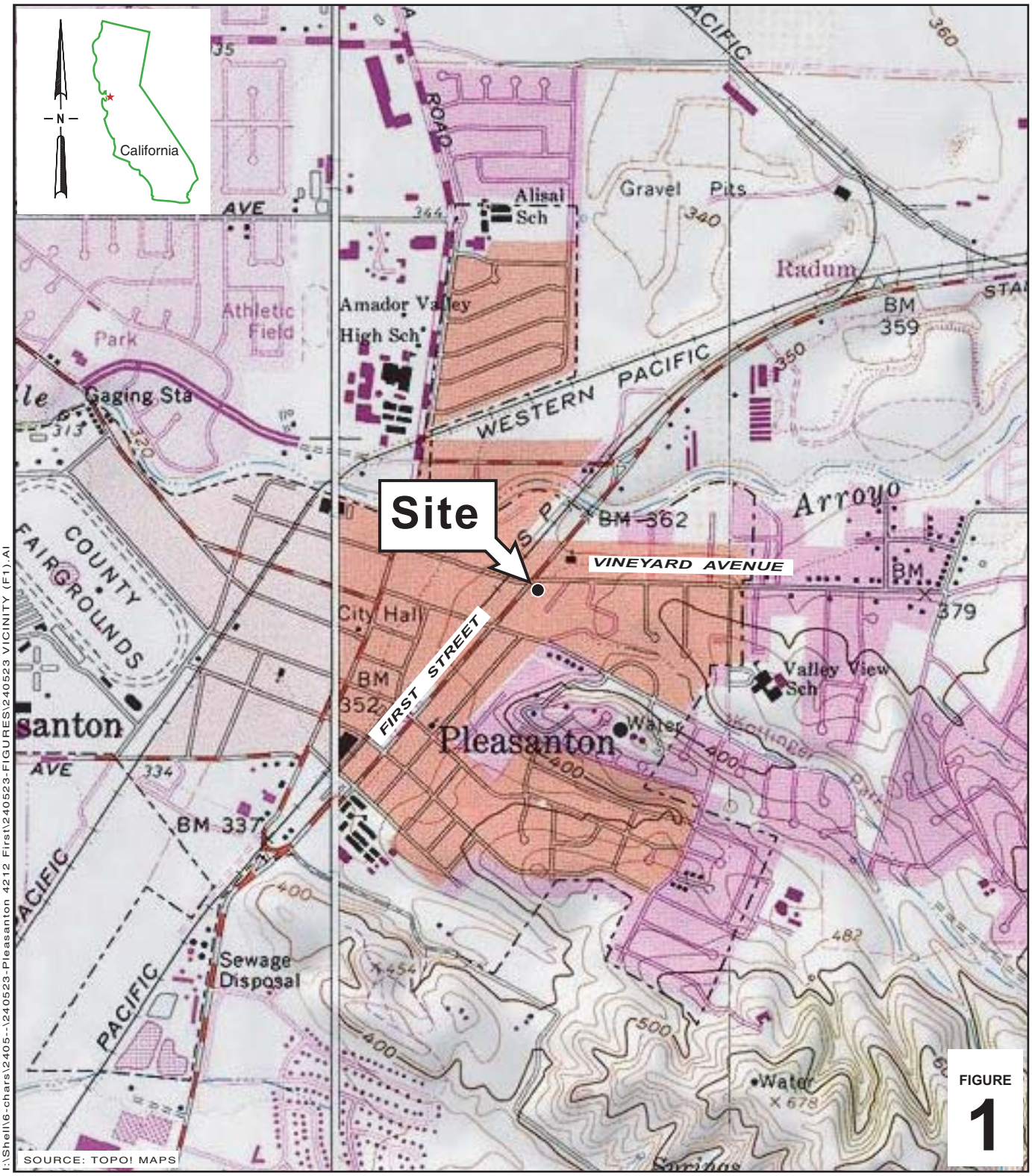
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG

FIGURES

01/18/2011



I:\Shell\6-chars\2405-\240523-Pleasanton 4212 First\240523-FIGURES\240523 VICINITY (F1).AI

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

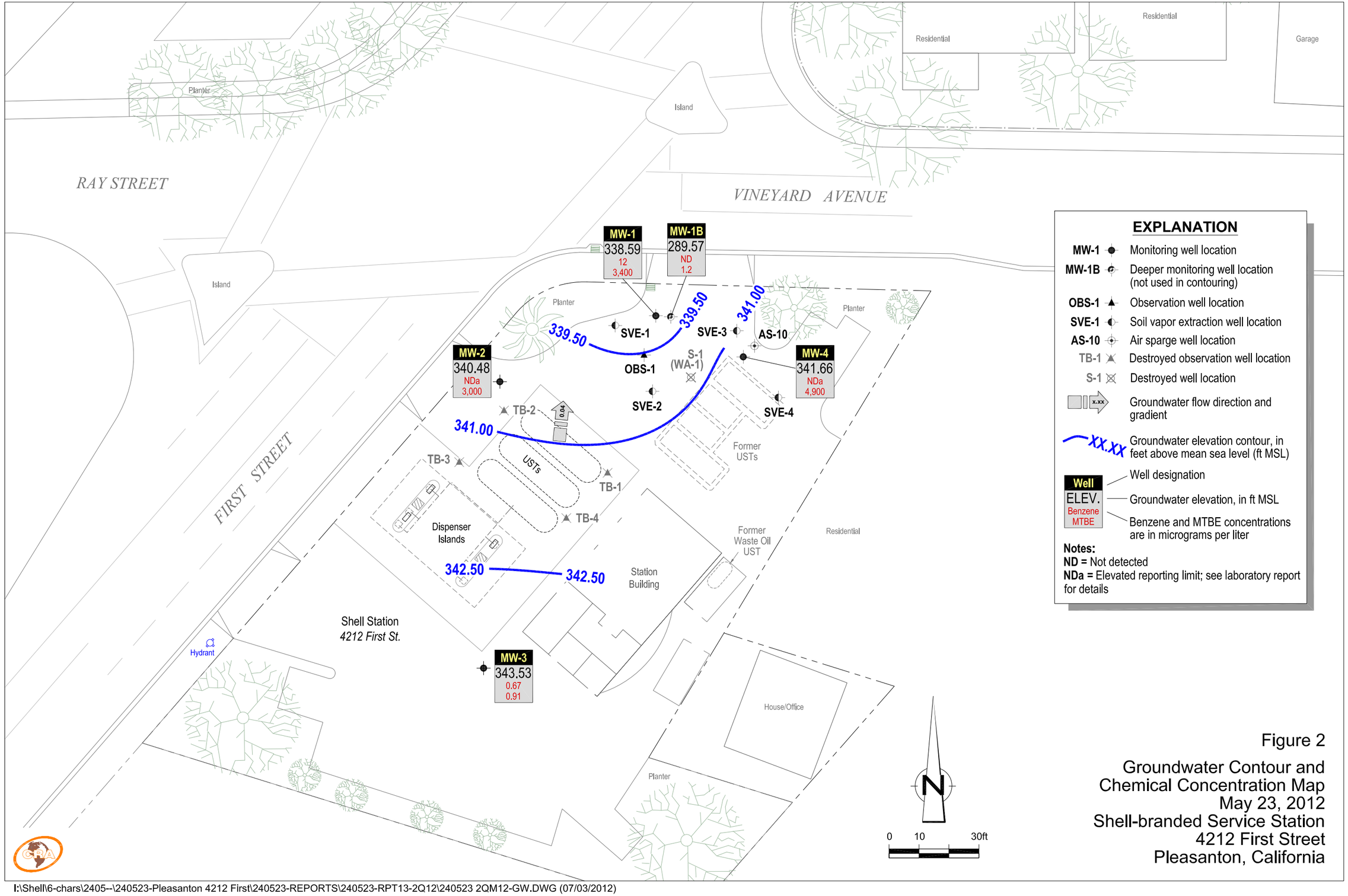
Shell-branded Service Station

4212 First Street

Pleasanton, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map



EXPLANATION

- **MW-1** — Monitoring well location
- **MW-1B** — Deeper monitoring well location (not used in contouring)
- **OBS-1** — Observation well location
- **SVE-1** — Soil vapor extraction well location
- **AS-10** — Air sparge well location
- **TB-1** — Destroyed observation well location
- **S-1** — Destroyed well location
- x.xx — Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (ft MSL)
- Well designation
- ELEV. — Groundwater elevation, in ft MSL
- Benzene / MTBE — Benzene and MTBE concentrations are in micrograms per liter

Notes:
ND = Not detected
NDa = Elevated reporting limit; see laboratory report for details

Figure 2

Groundwater Contour and Chemical Concentration Map
May 23, 2012
Shell-branded Service Station
4212 First Street
Pleasanton, California

I:\Shell\6-chars\2405--\240523-Pleasanton 4212 First\240523-REPORTS\240523-RPT13-2Q12\240523 2QM12-GW.DWG (07/03/2012)

TABLE

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
4212 FIRST STREET, 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)	Nitrate as N (µg/L)	Sulfate (µg/L)	Alkalinity as $CaCO_3$ (µg/L)	Ferrous Iron (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO (mg/L)	ORP (mV)
MW-1	06/16/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	371.20	37.81	333.39	---	---
MW-1	06/30/1999	89.0	5.89	<0.500	<0.500	0.652	<5.00	---	---	---	---	---	---	---	---	---	371.20	33.65	337.55	---	---
MW-1	09/24/1999	1,560	473	<10.0	<10.0	22.8	<2.50	---	---	---	---	---	---	---	---	---	371.20	37.04	334.16	---	---
MW-1	12/08/1999	1,020	375	<5.00	<5.00	15.2	<50.0	---	---	---	---	---	---	---	---	---	371.20	36.79	334.41	---	---
MW-1	02/10/2000	523	106	<5.00	<5.00	31.8	2.9	---	---	---	---	---	---	---	---	---	371.20	34.90	336.30	---	---
MW-1	05/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	37	29.5	---	---	---	---	---	---	---	---	371.20	32.55	338.65	---	---
MW-1	08/03/2000	808	290	<2.50	<2.50	8.9	<12.5	---	---	---	---	---	---	---	---	---	371.20	39.13	332.07	---	---
MW-1	10/31/2000	507	250	0.962	<0.500	23.5	3.76	---	---	---	---	---	---	---	---	---	371.20	37.91	333.29	---	---
MW-1	03/01/2001	<50.0	<0.500	<0.500	<0.500	<0.500	74.6	---	---	---	---	---	---	---	---	---	371.20	39.60	331.60	---	---
MW-1	05/30/2001	780	280	<2.0	<2.0	11	---	<2.0	---	---	---	---	---	---	---	---	371.20	39.53	331.67	---	---
MW-1	08/02/2001	1,900	580	<2.5	<2.5	12	---	<25	---	---	---	---	---	---	---	---	371.20	39.61	331.59	---	---
MW-1	12/06/2001	840	190	<0.50	<0.50	13	---	<5.0	---	---	---	---	---	---	---	---	371.20	39.63	331.57	---	---
MW-1	02/05/2002	2,700	650	<2.5	<2.5	7.2	---	<25	---	---	---	---	---	---	---	---	371.20	35.53	335.67	---	---
MW-1	06/17/2002	2,500	550	<2.0	<2.0	5.9	---	<20	---	---	---	---	---	---	---	---	371.20	39.29	331.91	---	---
MW-1	07/25/2002	690	130	<0.50	<0.50	4.4	---	18	---	---	---	---	---	---	---	---	371.20	39.39	331.81	---	---
MW-1	11/14/2002	400	31	<0.50	<0.50	2.7	---	27	---	---	---	---	---	---	---	---	371.20	40.00	331.20	---	---
MW-1	02/12/2003	840	0.85	<0.50	<0.50	<0.50	---	40	---	---	---	---	---	---	---	---	371.20	32.92	338.28	---	---
MW-1	05/14/2003	680	190	<2.5	<2.5	<5.0	---	95	---	---	---	---	---	---	---	---	371.20	32.57	338.63	---	---
MW-1	07/29/2003	870	190	<2.5	<2.5	<5.0	---	150	---	---	---	---	---	---	---	---	371.20	33.82	337.38	---	---
MW-1	11/19/2003	<200	14	<2.0	<2.0	<4.0	---	230	---	---	---	---	---	---	---	---	371.20	38.28	332.92	---	---
MW-1	02/19/2004	58 c	11	<0.50	<0.50	<1.0	---	85	---	---	---	---	---	---	---	---	371.20	36.93	334.27	---	---
MW-1	05/03/2004	670	310	<2.5	<2.5	<5.0	---	420	---	---	---	---	---	---	---	---	371.20	32.70	338.50	---	---
MW-1	08/24/2004	430 c	34	<2.5	<2.5	<5.0	---	690	---	---	---	---	---	---	---	---	371.20	34.66	336.54	---	---
MW-1	11/15/2004	<250	29	<2.5	<2.5	<5.0	---	470	---	---	---	---	---	---	---	---	371.20	38.27	332.93	---	---
MW-1	02/02/2005	540 e	87	<2.5	<2.5	<5.0	---	700	---	---	---	---	---	---	---	---	371.20	32.02	339.18	---	---
MW-1	05/05/2005	460 e	88	<2.5	<2.5	<5.0	---	300	---	---	---	---	---	---	---	---	371.20	36.82	334.38	---	---
MW-1	08/05/2005	910	230	<2.5	<2.5	<5.0	---	480	---	---	---	---	---	---	---	---	371.20	33.35	337.85	---	---
MW-1	11/22/2005	1,760	27	<0.500	<0.500	1.18	---	1,160	---	---	---	---	---	---	---	---	371.20	33.42	337.78	---	---
MW-1	02/07/2006	4,620	225	<0.500	<0.500	<0.500	---	1,480	---	---	---	---	---	---	---	---	371.20	31.63	339.57	---	---
MW-1	05/16/2006	1,100	130	<0.50	2.0	2.1	---	1,600	---	---	---	---	---	---	---	---	371.20	31.16	340.04	---	---
MW-1	08/21/2006	2,700	86	<0.500	0.79	0.81	---	1,960	---	---	---	---	---	---	---	---	371.20	33.07	338.13	---	---
MW-1	11/14/2006	1,400 c	30	<25	<25	<25	---	2,100	<1,000	<25	<25	<25	---	---	---	---	371.20	33.73	337.47	---	---
MW-1	02/01/2007	800	21	<0.50	<0.50	<1.0	---	2,300	---	---	---	---	---	---	---	---	371.20	33.02	338.18	---	---
MW-1	06/01/2007	1,400 d,e	68	<20	<20	4.4 f	---	2,200	---	---	---	---	---	---	---	---	371.20	32.87	338.33	---	---
MW-1	08/22/2007	250 d	20	<20	<20	<20	---	3,100	1,500	---	---	---	---	---	---	---	371.20	34.64	336.56	---	---
MW-1	11/26/2007	1,800 d	33	<20	<20	<20	---	3,100	930	<40	<40	<40	---	---	---	---	371.20	35.59	335.61	---	---
MW-1	02/19/2008	1,800 d	33	<20	<20	<20	---	3,700	1,700	---	---	---	---	---	---	---	371.20	31.05	340.15	---	---
MW-1	05/23/2008	3,700	100	<25	<25	<25	---	3,100	1,300	---	---	---	---	---	---	---	371.20	31.80	339.40	---	---
MW-1	08/07/2008	4,200	33	<25	<25	<25	---	3,500	<250	---	---	---	---	---	---	---	371.20	33.03	338.17	---	---
MW-1	12/03/2008	3,400	34	<25	<25	<25	---	3,200	980	---	---	---	---	---	---	---	371.20	35.19	336.01	---	---
MW-1	02/05/2009	2,100	26	<25	<25	<25	---	1,700	340	---	---	---	---	---	---	---	371.20	35.07	336.13	---	---
MW-1	05/07/2009	4,400	230	<25	<25	<25	---	3,700	980	---	---	---	---	---	---	---	371.20	32.45	338.75	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
4212 FIRST STREET, 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)	Nitrate as N (µg/L)	Sulfate (µg/L)	Alkalinity as $CaCO_3$ (µg/L)	Ferrous Iron (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO (mg/L)	ORP (mV)
MW-1	08/20/2009	3,100	86	<25	<25	<25	---	2,500	730	---	---	---	---	---	---	---	371.20	34.48	336.72	---	---
MW-1	11/09/2009	3,200	230	<20	<20	33	---	2,100	530	<40	<40	<40	---	---	---	---	371.20	35.84	335.36	---	---
MW-1	02/11/2010	4,400	30	<20	<20	<20	---	3,000	730	---	---	---	---	---	---	---	371.20	34.06	337.14	---	---
MW-1	05/13/2010	3,300	38	<20	<20	<20	---	3,300	1,100	---	---	---	---	---	---	---	371.20	31.99	339.21	---	---
MW-1	08/05/2010	4,200	12	<20	<20	<20	---	3,800	1,300	---	---	---	---	---	---	---	371.20	33.70	337.50	---	---
MW-1	10/30/2010	2,700	<10	<20	<20	<20	---	3,400	770	<40	<40	<40	---	---	---	---	371.20	33.12	338.08	---	---
MW-1	02/09/2011	2,600	32	<12	<12	<25	---	3,400	1,100	---	---	---	---	---	---	---	371.20	33.03	338.17	---	---
MW-1	05/31/2011	<2,500	26	<25	<25	<50	---	3,000	1,000	---	---	---	---	---	---	---	371.20	32.21	338.99	---	---
MW-1	07/27/2011	3,900 g	28	<10	<10	<20	---	4,100	1,400	---	---	---	---	---	---	---	371.20	33.60	337.60	---	---
MW-1	11/04/2011	4,200	<25	<25	<25	<50	---	4,800	790	<50	<50	<50	---	---	---	---	371.20	31.20	340.00	---	---
MW-1	**05/23/2012**	**3,300**	**12**	**<10**	**<10**	**<20**	**---**	**3,400**	**710**	**---**	**---**	**---**	**5,000 h**	**19,000**	**630,000**	**<100**	**371.20**	**32.61**	**338.59**	**2.28**	**63**
MW-1B	09/21/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	371.67	76.94	294.73	---	---
MW-1B	09/28/2006	<50	<0.50	<0.50	<0.50	<0.50	---	21	<20	---	---	---	---	---	---	---	371.67	77.15	294.52	---	---
MW-1B	11/14/2006	320 c	<5.0	<5.0	<5.0	<5.0	---	310	<200	<5.0	<5.0	<5.0	---	---	---	---	371.67	69.38	302.29	---	---
MW-1B	02/01/2007	77	0.53	<0.50	<0.50	<1.0	---	150	---	---	---	---	---	---	---	---	371.67	60.92	310.75	---	---
MW-1B	06/01/2007	<50 d,e	0.25 f	<1.0	<1.0	<1.0	---	74	---	---	---	---	---	---	---	---	371.67	61.07	310.60	---	---
MW-1B	08/22/2007	<50 d	0.25 f	<1.0	<1.0	<1.0	---	35	7.1 f	---	---	---	---	---	---	---	371.67	77.54	294.13	---	---
MW-1B	11/26/2007	<50 d	<0.50	<1.0	<1.0	<1.0	---	1.7	<10	<2.0	<2.0	<2.0	---	---	---	---	371.67	68.50	303.17	---	---
MW-1B	02/19/2008	65 d	2.6	4.2	<1.0	1.1	---	58	<10	---	---	---	---	---	---	---	371.67	57.21	314.46	---	---
MW-1B	05/23/2008	<50	<0.50	<1.0	<1.0	<1.0	---	3.6	<10	---	---	---	---	---	---	---	371.67	57.53	314.14	---	---
MW-1B	08/07/2008	<50	<0.50	<1.0	<1.0	<1.0	---	1.1	<10	---	---	---	---	---	---	---	371.67	72.51	299.16	---	---
MW-1B	12/03/2008	<50	<0.50	<1.0	<1.0	<1.0	---	3.4	<10	---	---	---	---	---	---	---	371.67	80.84	290.83	---	---
MW-1B	02/05/2009	<50	<0.50	<1.0	<1.0	<1.0	---	4.4	<10	---	---	---	---	---	---	---	371.67	76.11	295.56	---	---
MW-1B	05/07/2009	<50	<0.50	<1.0	<1.0	<1.0	---	2.5	13	---	---	---	---	---	---	---	371.67	66.97	304.70	---	---
MW-1B	08/20/2009	<50	<0.50	<1.0	<1.0	<1.0	---	1.7	<10	---	---	---	---	---	---	---	371.67	97.32	274.35	---	---
MW-1B	11/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	---	371.67	98.90	272.77	---	---
MW-1B	02/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	1.1	<10	---	---	---	---	---	---	---	371.67	90.72	280.95	---	---
MW-1B	05/13/2010	<50	<0.50	<1.0	<1.0	<1.0	---	2.0	<10	---	---	---	---	---	---	---	371.67	80.56	291.11	---	---
MW-1B	08/05/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	---	---	---	371.67	90.10	281.57	---	---
MW-1B	10/30/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	---	371.67	102.21	269.46	---	---
MW-1B	02/09/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	---	---	---	371.67	90.24	281.43	---	---
MW-1B	05/31/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	---	---	---	371.67	73.83	297.84	---	---
MW-1B	07/27/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	---	---	---	371.67	82.90	288.77	---	---
MW-1B	11/04/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	---	---	371.67	89.19	282.48	---	---
MW-1B	**05/23/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**1.2**	**<10**	**---**	**---**	**---**	**18,000**	**51,000**	**270,000**	**<100**	**371.67**	**82.10**	**289.57**	**2.67**	**207**
MW-2	02/03/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	372.40	32.65	339.75	---	---
MW-2	02/07/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	372.40	35.51	336.89	---	---
MW-2	02/10/2000	<50.0	<0.500	<0.500	<0.500	<0.500	2.61	---	---	---	---	---	---	---	---	---	372.40	36.62	335.78	---	---
MW-2	05/17/2000	120	4.09	<0.500	<0.500	<0.500	29	---	---	---	---	---	---	---	---	---	372.40	32.14	340.26	---	---
MW-2	08/03/2000	<50.0	0.692	<0.500	<0.500	<0.500	40.5	36.6 b	---	---	---	---	---	---	---	---	372.40	32.42	339.98	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
4212 FIRST STREET, 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)	Nitrate as N (µg/L)	Sulfate (µg/L)	Alkalinity as $CaCO_3$ (µg/L)	Ferrous Iron (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO (mg/L)	ORP (mV)
MW-2	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	57.4	44.8 a	---	---	---	---	---	---	---	---	372.40	33.02	339.38	---	---
MW-2	03/01/2001	173	1.64	1.65	2.86	3.97	127	167	---	---	---	---	---	---	---	---	372.40	32.54	339.86	---	---
MW-2	05/30/2001	<50	<0.50	<0.50	<0.50	<0.50	---	170	---	---	---	---	---	---	---	---	372.40	32.42	339.98	---	---
MW-2	08/02/2001	<50	<0.50	<0.50	<0.50	<0.50	---	160	---	---	---	---	---	---	---	---	372.40	32.55	339.85	---	---
MW-2	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	---	170	---	---	---	---	---	---	---	---	372.40	33.15	339.25	---	---
MW-2	02/05/2002	<50	0.72	<0.50	<0.50	1.7	---	170	---	---	---	---	---	---	---	---	372.40	32.29	340.11	---	---
MW-2	06/17/2002	<50	<0.50	<0.50	<0.50	<0.50	---	260	---	---	---	---	---	---	---	---	372.40	32.63	339.77	---	---
MW-2	07/25/2002	<50	<0.50	<0.50	<0.50	<0.50	---	280	---	---	---	---	---	---	---	---	372.40	32.80	339.60	---	---
MW-2	11/14/2002	120	13	9.0	3.8	14	---	430	---	---	---	---	---	---	---	---	372.40	33.31	339.09	---	---
MW-2	02/12/2003	<100	<1.0	<1.0	<1.0	<1.0	---	430	---	---	---	---	---	---	---	---	372.40	32.15	340.25	---	---
MW-2	05/14/2003	<250	<2.5	<2.5	<2.5	<5.0	---	470	---	---	---	---	---	---	---	---	372.40	32.01	340.39	---	---
MW-2	07/29/2003	<250	<2.5	<2.5	<2.5	<5.0	---	670	---	---	---	---	---	---	---	---	372.40	32.51	339.89	---	---
MW-2	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	---	54	---	---	---	---	---	---	---	---	372.40	33.83	338.57	---	---
MW-2	02/19/2004	65	<0.50	3.4	1.4	6.5	---	8.2	---	---	---	---	---	---	---	---	372.40	32.68	339.72	---	---
MW-2	05/03/2004	<50	<0.50	<0.50	<0.50	<1.0	---	5.2	---	---	---	---	---	---	---	---	372.40	32.07	340.33	---	---
MW-2	08/24/2004	<50	<0.50	<0.50	<0.50	<1.0	---	2.7	---	---	---	---	---	---	---	---	372.40	32.44	339.96	---	---
MW-2	11/15/2004	<50	<0.50	<0.50	<0.50	<1.0	---	1.3	---	---	---	---	---	---	---	---	372.40	32.95	339.45	---	---
MW-2	02/02/2005	<50	<0.50	<0.50	<0.50	<1.0	---	24	---	---	---	---	---	---	---	---	372.40	31.94	340.46	---	---
MW-2	05/05/2005	72 c	<0.50	<0.50	<0.50	<1.0	---	4.9	---	---	---	---	---	---	---	---	372.40	31.91	340.49	---	---
MW-2	08/05/2005	<50	<0.50	<0.50	<0.50	<1.0	---	16	---	---	---	---	---	---	---	---	372.40	32.15	340.25	---	---
MW-2	11/22/2005	840	0.80	<0.500	<0.500	0.87	---	556	---	---	---	---	---	---	---	---	372.40	32.31	340.09	---	---
MW-2	02/07/2006	3,550	<0.500	<0.500	<0.500	<0.500	---	2,500	---	---	---	---	---	---	---	---	372.40	31.70	340.70	---	---
MW-2	05/16/2006	1,400	<5.0	<5.0	<5.0	<10	---	1,700	---	---	---	---	---	---	---	---	372.40	31.38	341.02	---	---
MW-2	08/21/2006	1,910	<0.500	<0.500	<0.500	<0.500	---	2,590	---	---	---	---	---	---	---	---	372.40	33.29	339.11	---	---
MW-2	11/14/2006	2,300 c	<25	<25	<25	<25	---	2,500	<1,000	<25	<25	<25	---	---	---	---	372.40	32.67	339.73	---	---
MW-2	02/01/2007	670	<0.50	<0.50	<0.50	<1.0	---	2,000	---	---	---	---	---	---	---	---	372.40	32.13	340.27	---	---
MW-2	06/01/2007	500 d,e	<10	<20	<20	<20	---	2,000	---	---	---	---	---	---	---	---	372.40	32.14	340.26	---	---
MW-2	08/22/2007	100 d,e	<10	<20	<20	<20	---	2,400	120 f	---	---	---	---	---	---	---	372.40	32.93	339.47	---	---
MW-2	11/26/2007	1,600 d,e	<10	<20	<20	<20	---	2,900	<200	<40	<40	<40	---	---	---	---	372.40	33.44	338.96	---	---
MW-2	02/19/2008	1,300 d,e	<10	<20	<20	<20	---	3,300	<200	---	---	---	---	---	---	---	372.40	31.18	341.22	---	---
MW-2	05/23/2008	1,900	<12	<25	<25	<25	---	1,700	<250	---	---	---	---	---	---	---	372.40	31.44	340.96	---	---
MW-2	08/07/2008	1,700	<10	<20	<20	<20	---	1,300	<200	---	---	---	---	---	---	---	372.40	31.94	340.46	---	---
MW-2	12/03/2008	3,000	<10	<20	<20	<20	---	2,900	<200	---	---	---	---	---	---	---	372.40	32.53	339.87	---	---
MW-2	02/05/2009	1,200	<10	<20	<20	<20	---	1,000	<200	---	---	---	---	---	---	---	372.40	32.29	340.11	---	---
MW-2	05/07/2009	2,400	<10	<20	<20	<20	---	2,400	<200	---	---	---	---	---	---	---	372.40	31.98	340.42	---	---
MW-2	08/20/2009	2,800	<10	<20	<20	<20	---	2,400	<200	---	---	---	---	---	---	---	372.40	32.51	339.89	---	---
MW-2	11/09/2009	4,100	<12	<25	<25	<25	---	3,800	<250	<50	<50	<50	---	---	---	---	372.40	32.43	339.97	---	---
MW-2	02/11/2010	4,300	<12	<25	<25	<25	---	3,200	<250	---	---	---	---	---	---	---	372.40	32.07	340.33	---	---
MW-2	05/13/2010	2,400	<10	<20	<20	<20	---	2,500	<200	---	---	---	---	---	---	---	372.40	31.63	340.77	---	---
MW-2	08/05/2010	1,500	<5.0	<10	<10	<10	---	1,400	210	---	---	---	---	---	---	---	372.40	33.82	338.58	---	---
MW-2	10/30/2010	1,700	<5.0	<10	<10	<10	---	2,200	130	<20	<20	<20	---	---	---	---	372.40	32.82	339.58	---	---
MW-2	02/09/2011	1,400	<12	<12	<12	<25	---	1,900	<250	---	---	---	---	---	---	---	372.40	32.11	340.29	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
4212 FIRST STREET, 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)	Nitrate as N (µg/L)	Sulfate (µg/L)	Alkalinity as $CaCO_3$ (µg/L)	Ferrous Iron (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO (mg/L)	ORP (mV)
MW-2	05/31/2011	<1,000	<10	<10	<10	<20	---	1,200	<200	---	---	---	---	---	---	---	372.40	31.97	340.43	---	---
MW-2	07/27/2011	1,600 g	<10	<10	<10	<20	---	2,000	<200	---	---	---	---	---	---	---	372.40	32.30	340.10	---	---
MW-2	11/04/2011	2,100	<10	<10	<10	<20	---	2,500	<200	<20	<20	<20	---	---	---	---	372.40	33.20	339.20	---	---
MW-2	**05/23/2012**	**2,700**	**<10**	**<10**	**<10**	**<20**	**---**	**3,000**	**<200**	**---**	**---**	**---**	**7,500**	**70,000**	**300,000**	**300**	**372.40**	**31.92**	**340.48**	**1.51**	**42**
MW-3	02/03/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	375.05	32.06	342.99	---	---
MW-3	02/07/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	375.05	32.57	342.48	---	---
MW-3	02/10/2000	180	5.12	<0.500	<0.500	0.714	26.8	21.5a	---	---	---	---	---	---	---	---	375.05	32.77	342.28	---	---
MW-3	05/17/2000	1,360	414	<5.00	<5.00	17.6	<25.0	---	---	---	---	---	---	---	---	---	375.05	31.00	344.05	---	---
MW-3	08/03/2000	<50.0	0.536	<0.500	<0.500	<0.500	22	---	---	---	---	---	---	---	---	---	375.05	31.03	344.02	---	---
MW-3	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	31.1	---	---	---	---	---	---	---	---	---	375.05	31.28	343.77	---	---
MW-3	03/01/2001	384	172	0.815	<0.500	8.0	5.16	---	---	---	---	---	---	---	---	---	375.05	31.21	343.84	---	---
MW-3	05/30/2001	<50	<0.50	<0.50	<0.50	<0.50	---	110	---	---	---	---	---	---	---	---	375.05	31.02	344.03	---	---
MW-3	08/02/2001	<50	<0.50	<0.50	<0.50	<0.50	---	93	---	---	---	---	---	---	---	---	375.05	30.94	344.11	---	---
MW-3	12/06/2001	110	<0.50	<0.50	<0.50	2.3	---	180	---	---	---	---	---	---	---	---	375.05	31.28	343.77	---	---
MW-3	02/05/2002	<50	0.89	0.60	<0.50	2.1	---	130	---	---	---	---	---	---	---	---	375.05	31.12	343.93	---	---
MW-3	06/17/2002	<50	<0.50	<0.50	<0.50	<0.50	---	72	---	---	---	---	---	---	---	---	375.05	31.21	343.84	---	---
MW-3	07/25/2002	<50	<0.50	<0.50	<0.50	<0.50	---	81	---	---	---	---	---	---	---	---	375.05	30.96	344.09	---	---
MW-3	11/14/2002	<50	<0.50	<0.50	<0.50	<0.50	---	60	---	---	---	---	---	---	---	---	375.05	31.44	343.61	---	---
MW-3	02/12/2003	<50	<0.50	<0.50	<0.50	<0.50	---	43	---	---	---	---	---	---	---	---	375.05	31.28	343.77	---	---
MW-3	05/14/2003	<50	<0.50	<0.50	<0.50	<1.0	---	24	---	---	---	---	---	---	---	---	375.05	31.20	343.85	---	---
MW-3	07/29/2003	<50	<0.50	<0.50	<0.50	<1.0	---	21	---	---	---	---	---	---	---	---	375.05	31.29	343.76	---	---
MW-3	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	---	8.2	---	---	---	---	---	---	---	---	375.05	31.86	343.19	---	---
MW-3	02/19/2004	81	0.67	4.4	1.8	8.6	---	13	---	---	---	---	---	---	---	---	375.05	31.66	343.39	---	---
MW-3	05/03/2004	<50	<0.50	<0.50	<0.50	<1.0	---	13	---	---	---	---	---	---	---	---	375.05	31.72	343.33	---	---
MW-3	08/24/2004	<50	<0.50	<0.50	<0.50	<1.0	---	10	---	---	---	---	---	---	---	---	375.05	32.09	342.96	---	---
MW-3	11/15/2004	<50	<0.50	<0.50	<0.50	<1.0	---	6.6	---	---	---	---	---	---	---	---	375.05	31.50	343.55	---	---
MW-3	02/02/2005	<50	<0.50	<0.50	<0.50	<1.0	---	3.1	---	---	---	---	---	---	---	---	375.05	31.28	343.77	---	---
MW-3	05/05/2005	<50	<0.50	<0.50	<0.50	<1.0	---	2.3	---	---	---	---	---	---	---	---	375.05	31.42	343.63	---	---
MW-3	08/05/2005	<50	<0.50	<0.50	<0.50	<1.0	---	2.4	---	---	---	---	---	---	---	---	375.05	31.35	343.70	---	---
MW-3	11/22/2005	<50	<0.500	<0.500	<0.500	<0.500	---	3.84	---	---	---	---	---	---	---	---	375.05	31.98	343.07	---	---
MW-3	02/07/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	---	---	---	---	375.05	31.24	343.81	---	---
MW-3	05/16/2006	<50	<0.50	<0.50	<0.50	<1.0	---	4.5	---	---	---	---	---	---	---	---	375.05	31.37	343.68	---	---
MW-3	08/21/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	4.04	---	---	---	---	---	---	---	---	375.05	31.95	343.10	---	---
MW-3	11/14/2006	<50	<0.50	<0.50	<0.50	<0.50	---	3.8	<20	<0.50	<0.50	<0.50	---	---	---	---	375.05	32.24	342.81	---	---
MW-3	02/01/2007	<50	<0.50	<0.50	<0.50	<1.0	---	2.8	---	---	---	---	---	---	---	---	375.05	32.17	342.88	---	---
MW-3	06/01/2007	<50 d	<0.50	<1.0	<1.0	<1.0	---	3.1	---	---	---	---	---	---	---	---	375.05	31.86	343.19	---	---
MW-3	08/22/2007	<50 d	<0.50	<1.0	<1.0	<1.0	---	4.6	<10	---	---	---	---	---	---	---	375.05	32.18	342.87	---	---
MW-3	11/26/2007	<50 d	<0.50	<1.0	<1.0	<1.0	---	3.5	<10	<2.0	<2.0	<2.0	---	---	---	---	375.05	32.69	342.36	---	---
MW-3	02/19/2008	<50 d	<0.50	1.2	<1.0	<1.0	---	2.6	<10	---	---	---	---	---	---	---	375.05	30.94	344.11	---	---
MW-3	05/23/2008	<50	<0.50	<1.0	<1.0	<1.0	---	3.6	<10	---	---	---	---	---	---	---	375.05	31.45	343.60	---	---
MW-3	08/07/2008	<50	<0.50	<1.0	<1.0	<1.0	---	3.0	<10	---	---	---	---	---	---	---	375.05	31.40	343.65	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
4212 FIRST STREET, 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)	Nitrate as N (µg/L)	Sulfate (µg/L)	Alkalinity as $CaCO_3$ (µg/L)	Ferrous Iron (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO (mg/L)	ORP (mV)
MW-3	12/03/2008	<50	<0.50	<1.0	<1.0	<1.0	---	2.1	<10	---	---	---	---	---	---	---	375.05	32.12	342.93	---	---
MW-3	02/05/2009	<50	<0.50	<1.0	<1.0	<1.0	---	1.1	<10	---	---	---	---	---	---	---	375.05	32.74	342.31	---	---
MW-3	05/07/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	---	---	---	375.05	31.69	343.36	---	---
MW-3	08/20/2009	<50	<0.50	<1.0	<1.0	<1.0	---	2.0	<10	---	---	---	---	---	---	---	375.05	32.42	342.63	---	---
MW-3	11/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	1.7	<10	<2.0	<2.0	<2.0	---	---	---	---	375.05	32.54	342.51	---	---
MW-3	02/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	2.1	<10	---	---	---	---	---	---	---	375.05	31.81	343.24	---	---
MW-3	05/13/2010	<50	<0.50	<1.0	<1.0	<1.0	---	1.7	<10	---	---	---	---	---	---	---	375.05	31.25	343.80	---	---
MW-3	08/05/2010	<50	<0.50	<1.0	<1.0	<1.0	---	1.2	<10	---	---	---	---	---	---	---	375.05	32.00	343.05	---	---
MW-3	10/30/2010	<50	<0.50	<1.0	<1.0	<1.0	---	1.4	<10	<2.0	<2.0	<2.0	---	---	---	---	375.05	32.18	342.87	---	---
MW-3	02/09/2011	<50	<0.50	<0.50	<0.50	<1.0	---	1.7	<10	---	---	---	---	---	---	---	375.05	31.80	343.25	---	---
MW-3	05/31/2011	<50	<0.50	<0.50	<0.50	<1.0	---	1.9	<10	---	---	---	---	---	---	---	375.05	31.60	343.45	---	---
MW-3	07/27/2011	<50	<0.50	<0.50	<0.50	<1.0	---	1.8	<10	---	---	---	---	---	---	---	375.05	32.00	343.05	---	---
MW-3	11/04/2011	<50	<0.50	<0.50	<0.50	<1.0	---	2.1	<10	<1.0	<1.0	<1.0	---	---	---	---	375.05	32.55	342.50	---	---
MW-3	**05/23/2012**	**<50**	**0.67**	**<0.50**	**<0.50**	**1.9**	**---**	**0.91**	**<10**	**---**	**---**	**---**	**1,400**	**36,000**	**250,000**	**5,000**	**375.05**	**31.52**	**343.53**	**1.81**	**-5**
MW-4	09/21/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	372.78	31.58	341.20	---	---
MW-4	09/28/2006	11,000	<250	<250	<250	<250	---	13,000	<10,000	---	---	---	---	---	---	---	372.78	31.57	341.21	---	---
MW-4	11/14/2006	30,000	<250	<250	<250	<250 a	---	14,000	<10,000	<250	<250	<250	---	---	---	---	372.78	32.11	340.67	---	---
MW-4	02/01/2007	6,300	50	<5.0	19	120	---	14,000	---	---	---	---	---	---	---	---	372.78	33.23	339.55	---	---
MW-4	06/01/2007	8,200 d	52	<25	26	150	---	11,000	---	---	---	---	---	---	---	---	372.78	31.57	341.21	---	---
MW-4	08/22/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	372.78	33.40	339.38	---	---
MW-4	11/26/2007	12,000 d	71	<100	<100	<100	---	20,000	<1,000	<200	<200	<200	---	---	---	---	372.78	34.74	338.04	---	---
MW-4	02/19/2008	13,000 d	<100	<200	<200	<200	---	18,000	2,900	---	---	---	---	---	---	---	372.78	29.70	343.08	---	---
MW-4	05/23/2008	21,000	<100	<200	<200	<200	---	16,000	<2,000	---	---	---	---	---	---	---	372.78	31.67	341.11	---	---
MW-4	08/07/2008	27,000	<100	<200	<200	<200	---	21,000	<2,000	---	---	---	---	---	---	---	372.78	31.90	340.88	---	---
MW-4	12/03/2008	20,000	19	<25	<25	29	---	21,000	2,500	---	---	---	---	---	---	---	372.78	34.32	338.46	---	---
MW-4	02/05/2009	15,000	200	<200	<200	<200	---	13,000	<2,000	---	---	---	---	---	---	---	372.78	34.58	338.20	---	---
MW-4	05/07/2009	18,000	<100	<200	<200	<200	---	17,000	<2,000	---	---	---	---	---	---	---	372.78	31.34	341.44	---	---
MW-4	08/20/2009	15,000	<50	<100	<100	<100	---	13,000	1,900	---	---	---	---	---	---	---	372.78	33.56	339.22	---	---
MW-4	11/09/2009	13,000	<50	<100	<100	<100	---	11,000	<1000	<200	<200	<200	---	---	---	---	372.78	33.57	339.21	---	---
MW-4	02/11/2010	11,000	95	<100	<100	110	---	7,500	3,200	---	---	---	---	---	---	---	372.78	31.21	341.57	---	---
MW-4	05/13/2010	8,800	48	<50	57	96	---	7,800	2,900	---	---	---	---	---	---	---	372.78	30.19	342.59	---	---
MW-4	08/05/2010	4,000	<12	<25	<25	<25	---	3,600	600	---	---	---	---	---	---	---	372.78	32.22	340.56	---	---
MW-4	10/30/2010	6,800	<12	<25	<25	<25	---	8,200	1,400	<50	<50	<50	---	---	---	---	372.78	33.95	338.83	---	---
MW-4	02/09/2011	<5,000	<50	<50	<50	<100	---	5,800	2,700	---	---	---	---	---	---	---	372.78	31.56	341.22	---	---
MW-4	05/31/2011	<5,000	<50	<50	<50	<100	---	5,600	1,200	---	---	---	---	---	---	---	372.78	30.78	342.00	---	---
MW-4	07/27/2011	4,500 g	<10	<10	18	21	---	5,200	2,100	---	---	---	---	---	---	---	372.78	31.64	341.14	---	---
MW-4	11/04/2011	3,400 g	<25	<25	<25	<50	---	4,400	1,800	<50	<50	<50	---	---	---	---	372.78	33.53	339.25	---	---
MW-4	**05/23/2012**	**3,500**	**<10**	**<10**	**13**	**<20**	**---**	**4,900**	**1,400**	**---**	**---**	**---**	**5,300**	**69,000**	**300,000**	**1,000**	**372.78**	**31.12**	**341.66**	**1.44**	**-6**
TB-1	02/12/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TB-1	02/28/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12.54	---	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
4212 FIRST STREET, 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)	Nitrate as N (µg/L)	Sulfate (µg/L)	Alkalinity as $CaCO_3$ (µg/L)	Ferrous Iron (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO (mg/L)	ORP (mV)
TB-1	05/14/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	---	---	---	---	---	12.31	---	---	---
TB-2	02/12/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TB-2	02/28/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12.56	---	---	---
TB-2	05/14/2003	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	---	12.54	---	---	---
TB-3	02/12/2003	Well dry	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TB-3	02/28/2003	Well dry	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TB-3	05/14/2003	Well dry	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TB-4	02/12/2003	Well dry	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TB-4	02/28/2003	Well dry	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TB-4	05/14/2003	Well dry	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to 5/30/2001, analyzed by EPA Method 8015 unless otherwise noted.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to 5/30/2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether analyzed as noted
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
Nitrate as N and sulfate analyzed by EPA Method 300.0
Alkalinity as CaCO3 analyzed by SM 2320 B
Ferrous iron analyzed by SM 3500 Fe B
TOC = Top of casing elevation, in feet relative to mean sea level
GW = Groundwater
µg/L = Micrograms per liter
ft = Feet
MSL = Mean sea level
<x = Not detected at reporting limit x
--- = Not analyzed or available

a = Sample was analyzed outside the EPA recommended holding time.
b = Concentration is an estimate value above the linear quantitation range.
c = The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
d = Analyzed by EPA Method 8015B (M).
e = 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.
f = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
g = Hydrocarbon result partly due to individual peak(s) in quantitation range.
h = Result exceeded calibration range

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
4212 FIRST STREET, 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)	Nitrate as N (µg/L)	Sulfate (µg/L)	Alkalinity as $CaCO_3$ (µg/L)	Ferrous Iron (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO (mg/L)	ORP (mV)

Well MW-1 surveyed on May 4, 1999 by Virgil Chavez Land Surveying
Site wells surveyed on March 19, 2000 by Virgil Chavez Land Surveying
Site wells surveyed on January 15, 2002 by Virgil Chavez Land Surveying
September 21, 2006 survey data for wells MW-1B and MW-4 provided by Delta Environmental Consultants, Inc.

APPENDIX A

BLAINE TECH SERVICES, INC. - FIELD NOTES

WELL GAUGING DATA

Project # 120523-Rw1 Date 5/23/12 Client Shell

Site 4212 First Street, 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
MW-1	0747	2					32.61	57.20		
MW-1B	0730	4					82.10	108.00		
MW-2	0741	4					31.92	45.90		
MW-3	0736	4					31.52	34.70		
MW-4	0752	4					31.12	46.85	↓	

SHELL WELL MONITORING DATA SHEET

BTS #: 120523-DW1	Site: 4212 First Street
Sampler: DW	Date: 5/23/12
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 57.20	Depth to Water (DTW): 32.61
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 37.53	

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: ___

4.0 (Gals.) X 3 = 12.0 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
0924	66.1	6.49	1732	199	4.0	
0932	66.2	6.45	1764	65	8.0	
0938	66.9	6.44	1788	44	12.0	

Did well dewater? Yes (No) Gallons actually evacuated: 12.0

Sampling Date: 5/23/12 Sampling Time: 1515 Depth to Water: 36.20

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	2.28	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	(Post-purge:)	63	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120523-DW1	Site: 4212 First Street
Sampler: DW	Date: 5/23/12
Well I.D.: MW-1B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 108.00	Depth to Water (DTW): 82.10
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]: 87.28	

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: ___

16.8 (Gals.) X 3 = 50.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0814	67.7	6.85	1160	27	16.8	
0820	68.0	6.79	1159	19	33.6	
0825	68.3	6.82	1156	19	50.4	

Did well dewater? Yes (No) Gallons actually evacuated: 50.4

Sampling Date: 5/23/12 Sampling Time: 1025 Depth to Water: 82.16

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

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

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

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

D.O. (if req'd):	Pre-purge:	2.67	mg/L	(Post-purge:)	2.67 mg/L
O.R.P. (if req'd):	Pre-purge:	207	mV	(Post-purge:)	207 mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120523-DW1	Site: 4212 First Street
Sampler: DW	Date: 5/23/12
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 45.90	Depth to Water (DTW): 31.92
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]: 34.72	

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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0855	67.4	6.32	899.6	33	9.1	
0857	well	dewatered @			15.0 gals	
1300	71.3	6.56	940.4	14	Grab	

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

Sampling Date: 5/23/12 Sampling Time: 1500 Depth to Water: 32.27

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.51	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	(Post-purge:)	42	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120523-DW1	Site: 4212 First Street
Sampler: DW	Date: 5/23/12
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.70	Depth to Water (DTW): 31.52
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]: 32.16	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0840	65.6	6.46	700.5	20	2.1	
0840	well dewatered @ 2.5 gals					
1045	68.6	6.46	804.0	33	Grab	

Did well dewater? (Yes) No Gallons actually evacuated: 2.5

Sampling Date: 5/23/12 Sampling Time: 1045 Depth to Water: 32.26 (2hr)

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.81	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	(Post-purge:)	-5	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120523-DW1	Site: 4212 First Street
Sampler: DW	Date: 5/23/12
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 46.85	Depth to Water (DTW): 31.12
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.27	

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: ___

10.2 (Gals.) X 3 = 30.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0955	67.7	6.58	564.0	31	10.2	
0958	69.3	6.47	878.3	65	20.4	
0958	well dewatered @ 21.0 gals					
1325	70.0	6.61	905.2	24	Grab	

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

Sampling Date: 5/23/12 Sampling Time: 1325 Depth to Water: 31.78

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.44	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	(Post-purge:)	-6	mV

INCIDENT # 98995840

DATE: 5/23/12

ADDRESS 4212 First Street

CITY & STATE Pleasanton CA

Well ID	Manway Cover Type, Condition & Size					Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
MW-1	Standpipe	**Flush**	**G**	P	Size (inch) 12	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
MW-1B	Standpipe	**Flush**	**G**	P	Size (inch) 12	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
MW-2	Standpipe	**Flush**	**G**	P	Size (inch) 12	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
MW-3	Standpipe	**Flush**	**G**	P	Size (inch) 12	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
MW-4	Standpipe	**Flush**	**G**	P	Size (inch) 12	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
	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

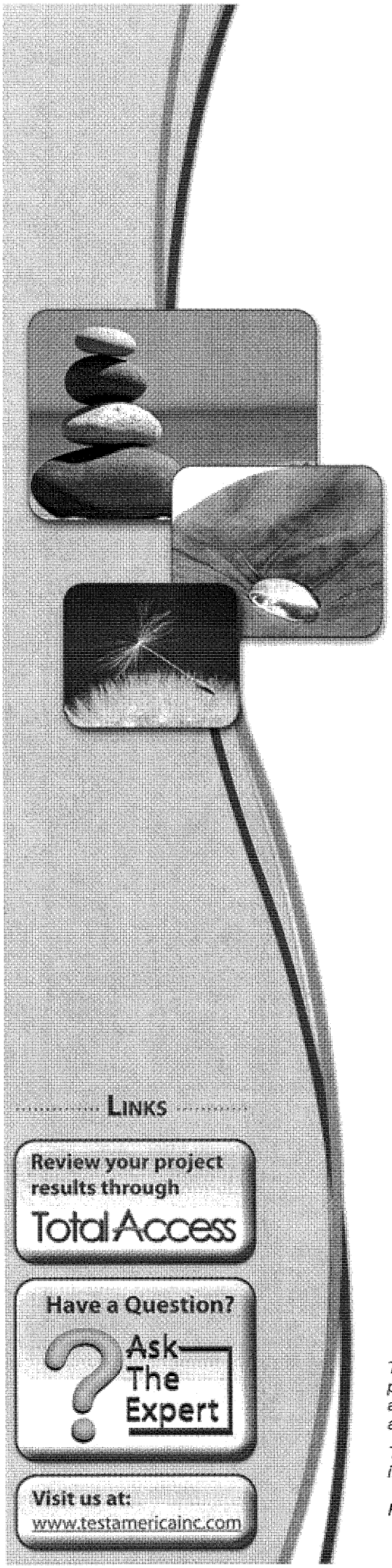
All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Daniel Allen, BTS

Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TESTAMERICA LABORATORIES, INC. – ANALYTICAL REPORT



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 440-12702-1
Client Project/Site: 4212 First St., Pleasanton, CA

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

Attn: Peter Schaefrer

Philip Sanelle

Authorized for release by:
6/8/2012 11:52:08 AM

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

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-12702-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-12702-1	MW-1	Water	05/23/12 15:15	05/24/12 09:50
440-12702-2	MW-1B	Water	05/23/12 10:25	05/24/12 09:50
440-12702-3	MW-2	Water	05/23/12 15:00	05/24/12 09:50
440-12702-4	MW-3	Water	05/23/12 10:45	05/24/12 09:50
440-12702-5	MW-4	Water	05/23/12 15:25	05/24/12 09:50

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-12702-1

Job ID: 440-12702-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-12702-1

Comments
No additional comments.

Receipt
The samples were received on 5/24/2012 9:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

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

HPLC
Method(s) 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for nitrite in batch 28385 were outside control limits due to matrix effects. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: MW-1

Lab Sample ID: 440-12702-1
Matrix: Water
Date Collected: 05/23/12 15:15
Date Received: 05/24/12 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)	3300		1000		ug/L			05/30/12 23:49	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*05/30/12 23:49*	*20*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*05/30/12 23:49*	*20*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/30/12 23:49*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12		10		ug/L			05/30/12 23:49	20
Toluene	ND		10		ug/L			05/30/12 23:49	20
Ethylbenzene	ND		10		ug/L			05/30/12 23:49	20
Xylenes, Total	ND		20		ug/L			05/30/12 23:49	20
Methyl-t-Butyl Ether (MTBE)	3400		10		ug/L			05/30/12 23:49	20
tert-Butyl alcohol (TBA)	710		200		ug/L			05/30/12 23:49	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*05/30/12 23:49*	*20*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*05/30/12 23:49*	*20*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/30/12 23:49*	*20*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	5000	E	110		ug/L			05/24/12 22:07	1
Sulfate	19000		500		ug/L			05/24/12 22:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	630000		4000		ug/L			06/05/12 13:20	1
Ferrous Iron	ND	HF	100		ug/L			05/25/12 10:00	1

Client Sample ID: MW-1B

Lab Sample ID: 440-12702-2
Matrix: Water
Date Collected: 05/23/12 10:25
Date Received: 05/24/12 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			05/30/12 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*05/30/12 22:29*	*1*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*		*05/30/12 22:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/30/12 22:29*	*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			05/30/12 22:29	1
Toluene	ND		0.50		ug/L			05/30/12 22:29	1
Ethylbenzene	ND		0.50		ug/L			05/30/12 22:29	1
Xylenes, Total	ND		1.0		ug/L			05/30/12 22:29	1
Methyl-t-Butyl Ether (MTBE)	1.2		0.50		ug/L			05/30/12 22:29	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/30/12 22:29	1

Client Sample ID: MW-1B

Lab Sample ID: 440-12702-2

Date Collected: 05/23/12 10:25
Date Received: 05/24/12 09:50

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*		*05/30/12 22:29*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*05/30/12 22:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/30/12 22:29*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	18000		5500		ug/L			05/24/12 22:59	50
Sulfate	51000		25000		ug/L			05/24/12 22:59	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	270000		4000		ug/L			06/05/12 13:20	1
Ferrous Iron	ND	HF	100		ug/L			05/25/12 10:00	1

Client Sample ID: MW-2

Lab Sample ID: 440-12702-3

Date Collected: 05/23/12 15:00
Date Received: 05/24/12 09:50

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)	2700		1000		ug/L			05/31/12 00:16	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*05/31/12 00:16*	*20*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*05/31/12 00:16*	*20*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/31/12 00:16*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10		ug/L			05/31/12 00:16	20
Toluene	ND		10		ug/L			05/31/12 00:16	20
Ethylbenzene	ND		10		ug/L			05/31/12 00:16	20
Xylenes, Total	ND		20		ug/L			05/31/12 00:16	20
Methyl-t-Butyl Ether (MTBE)	3000		10		ug/L			05/31/12 00:16	20
tert-Butyl alcohol (TBA)	ND		200		ug/L			05/31/12 00:16	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*05/31/12 00:16*	*20*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*05/31/12 00:16*	*20*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/31/12 00:16*	*20*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	7500		2200		ug/L			05/24/12 23:34	20
Sulfate	70000		10000		ug/L			05/24/12 23:34	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	300000		4000		ug/L			06/05/12 13:20	1
Ferrous Iron	300	HF	100		ug/L			05/25/12 10:00	1

Client Sample ID: MW-3

Lab Sample ID: 440-12702-4

Date Collected: 05/23/12 10:45
Date Received: 05/24/12 09:50

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			06/05/12 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/05/12 04:26*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*06/05/12 04:26*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*06/05/12 04:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.67		0.50		ug/L			06/05/12 04:26	1
Toluene	ND		0.50		ug/L			06/05/12 04:26	1
Ethylbenzene	ND		0.50		ug/L			06/05/12 04:26	1
Xylenes, Total	1.9		1.0		ug/L			06/05/12 04:26	1
Methyl-t-Butyl Ether (MTBE)	0.91		0.50		ug/L			06/05/12 04:26	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			06/05/12 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*06/05/12 04:26*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/05/12 04:26*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*06/05/12 04:26*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1400		110		ug/L			05/24/12 23:51	1
Sulfate	36000		10000		ug/L			05/25/12 00:08	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	250000		4000		ug/L			06/05/12 13:20	1
Ferrous Iron	5000	HF	100		ug/L			05/25/12 10:00	1

Client Sample ID: MW-4

Lab Sample ID: 440-12702-5

Date Collected: 05/23/12 15:25
Date Received: 05/24/12 09:50

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)	3500		1000		ug/L			05/29/12 23:19	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*05/29/12 23:19*	*20*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/29/12 23:19*	*20*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/29/12 23:19*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10		ug/L			05/29/12 23:19	20
Toluene	ND		10		ug/L			05/29/12 23:19	20
Ethylbenzene	13		10		ug/L			05/29/12 23:19	20
Xylenes, Total	ND		20		ug/L			05/29/12 23:19	20
Methyl-t-Butyl Ether (MTBE)	4900		10		ug/L			05/29/12 23:19	20
tert-Butyl alcohol (TBA)	1400		200		ug/L			05/29/12 23:19	20

Client Sample ID: MW-4

Lab Sample ID: 440-12702-5

Date Collected: 05/23/12 15:25
Date Received: 05/24/12 09:50

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/29/12 23:19*	*20*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*05/29/12 23:19*	*20*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/29/12 23:19*	*20*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	5300		2200		ug/L			05/25/12 00:43	20
Sulfate	69000		10000		ug/L			05/25/12 00:43	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	300000		4000		ug/L			06/05/12 13:20	1
Ferrous Iron	1000	HF	100		ug/L			05/25/12 10:00	1

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-12702-1

Client Sample ID: MW-1

Lab Sample ID: 440-12702-1

Date Collected: 05/23/12 15:15
Date Received: 05/24/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	10 mL	10 mL	29588	05/30/12 23:49	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		20	10 mL	10 mL	29589	05/30/12 23:49	RM	TAL IRV
Total/NA	Analysis	300.0		1	1 mL	1.0 mL	28385	05/24/12 22:07	NN	TAL IRV
Total/NA	Analysis	300.0		1	1 mL	1.0 mL	28386	05/24/12 22:07	NN	TAL IRV
Total/NA	Analysis	SM 3500 FE D		1	25 mL	25 mL	28706	05/25/12 10:00	RR	TAL IRV
Total/NA	Analysis	SM 2320B		1	25 mL	25 mL	30770	06/05/12 13:20	DC	TAL IRV

Client Sample ID: MW-1B

Lab Sample ID: 440-12702-2

Date Collected: 05/23/12 10:25
Date Received: 05/24/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	29588	05/30/12 22:29	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	29589	05/30/12 22:29	RM	TAL IRV
Total/NA	Analysis	300.0		50	1 mL	1.0 mL	28385	05/24/12 22:59	NN	TAL IRV
Total/NA	Analysis	300.0		50	1 mL	1.0 mL	28386	05/24/12 22:59	NN	TAL IRV
Total/NA	Analysis	SM 3500 FE D		1	25 mL	25 mL	28706	05/25/12 10:00	RR	TAL IRV
Total/NA	Analysis	SM 2320B		1	25 mL	25 mL	30770	06/05/12 13:20	DC	TAL IRV

Client Sample ID: MW-2

Lab Sample ID: 440-12702-3

Date Collected: 05/23/12 15:00
Date Received: 05/24/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	10 mL	10 mL	29588	05/31/12 00:16	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		20	10 mL	10 mL	29589	05/31/12 00:16	RM	TAL IRV
Total/NA	Analysis	300.0		20	1 mL	1.0 mL	28385	05/24/12 23:34	NN	TAL IRV
Total/NA	Analysis	300.0		20	1 mL	1.0 mL	28386	05/24/12 23:34	NN	TAL IRV
Total/NA	Analysis	SM 3500 FE D		1	25 mL	25 mL	28706	05/25/12 10:00	RR	TAL IRV
Total/NA	Analysis	SM 2320B		1	25 mL	25 mL	30770	06/05/12 13:20	DC	TAL IRV

Client Sample ID: MW-3

Lab Sample ID: 440-12702-4

Date Collected: 05/23/12 10:45
Date Received: 05/24/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	30602	06/05/12 04:26	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	30603	06/05/12 04:26	YK	TAL IRV
Total/NA	Analysis	300.0		1	1 mL	1.0 mL	28385	05/24/12 23:51	NN	TAL IRV
Total/NA	Analysis	300.0		20	1 mL	1.0 mL	28386	05/25/12 00:08	NN	TAL IRV
Total/NA	Analysis	SM 3500 FE D		1	25 mL	25 mL	28706	05/25/12 10:00	RR	TAL IRV
Total/NA	Analysis	SM 2320B		1	25 mL	25 mL	30770	06/05/12 13:20	DC	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-12702-1

Client Sample ID: MW-4
Date Collected: 05/23/12 15:25
Date Received: 05/24/12 09:50

Lab Sample ID: 440-12702-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	10 mL	10 mL	29325	05/29/12 23:19	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		20	10 mL	10 mL	29326	05/29/12 23:19	YK	TAL IRV
Total/NA	Analysis	300.0		20	1 mL	1.0 mL	28385	05/25/12 00:43	NN	TAL IRV
Total/NA	Analysis	300.0		20	1 mL	1.0 mL	28386	05/25/12 00:43	NN	TAL IRV
Total/NA	Analysis	SM 3500 FE D		1	25 mL	25 mL	28706	05/25/12 10:00	RR	TAL IRV
Total/NA	Analysis	SM 2320B		1	25 mL	25 mL	30770	06/05/12 13:20	DC	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 440-29325/4
Matrix: Water
Analysis Batch: 29325

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			05/29/12 18:48	1
Toluene	ND		0.50		ug/L			05/29/12 18:48	1
Ethylbenzene	ND		0.50		ug/L			05/29/12 18:48	1
Xylenes, Total	ND		1.0		ug/L			05/29/12 18:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/29/12 18:48	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/29/12 18:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/29/12 18:48*	*1*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*05/29/12 18:48*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/29/12 18:48*	*1*

Lab Sample ID: LCS 440-29325/5
Matrix: Water
Analysis Batch: 29325

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	25.3		ug/L		101	70 - 120
Toluene	25.0	26.7		ug/L		107	70 - 120
Ethylbenzene	25.0	24.8		ug/L		99	75 - 125
m,p-Xylene	50.0	50.2		ug/L		100	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	24.8		ug/L		99	60 - 135
o-Xylene	25.0	26.0		ug/L		104	75 - 125
tert-Butyl alcohol (TBA)	125	118		ug/L		95	70 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*90*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 440-12684-E-4 MS
Matrix: Water
Analysis Batch: 29325

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	0.68		25.0	23.5		ug/L		91	65 - 125
Toluene	1.2		25.0	27.1		ug/L		104	70 - 125
Ethylbenzene	120		25.0	134	4	ug/L		67	65 - 130
m,p-Xylene	150		50.0	193		ug/L		82	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.5		ug/L		102	55 - 145
o-Xylene	20		25.0	46.0		ug/L		106	65 - 125
tert-Butyl alcohol (TBA)	ND		125	121		ug/L		97	65 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*85*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

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

Lab Sample ID: 440-12684-E-4 MSD
Matrix: Water
Analysis Batch: 29325

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	0.68		25.0	25.8		ug/L		100	65 - 125	9	20
Toluene	1.2		25.0	29.1		ug/L		112	70 - 125	7	20
Ethylbenzene	120		25.0	137	4	ug/L		79	65 - 130	2	20
m,p-Xylene	150		50.0	195		ug/L		86	65 - 130	1	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.6		ug/L		102	55 - 145	0	25
o-Xylene	20		25.0	47.2		ug/L		111	65 - 125	2	20
tert-Butyl alcohol (TBA)	ND		125	127		ug/L		102	65 - 140	5	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Dibromofluoromethane (Surr)	*86*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 440-29588/5
Matrix: Water
Analysis Batch: 29588

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			05/30/12 20:38	1
Toluene	ND		0.50		ug/L			05/30/12 20:38	1
Ethylbenzene	ND		0.50		ug/L			05/30/12 20:38	1
Xylenes, Total	ND		1.0		ug/L			05/30/12 20:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/30/12 20:38	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/30/12 20:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*05/30/12 20:38*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*05/30/12 20:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/30/12 20:38*	*1*

Lab Sample ID: LCS 440-29588/27
Matrix: Water
Analysis Batch: 29588

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	25.2		ug/L		101	70 - 120
Toluene	25.0	26.8		ug/L		107	70 - 120
Ethylbenzene	25.0	27.0		ug/L		108	75 - 125
m,p-Xylene	50.0	52.3		ug/L		105	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	24.6		ug/L		99	60 - 135
o-Xylene	25.0	25.6		ug/L		102	75 - 125
tert-Butyl alcohol (TBA)	125	123		ug/L		98	70 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

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

Lab Sample ID: 440-12702-2 MS
Matrix: Water
Analysis Batch: 29588

Client Sample ID: MW-1B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	27.6		ug/L		110	65 - 125
Toluene	ND		25.0	28.6		ug/L		114	70 - 125
Ethylbenzene	ND		25.0	28.1		ug/L		112	65 - 130
m,p-Xylene	ND		50.0	52.1		ug/L		104	65 - 130
Methyl-t-Butyl Ether (MTBE)	1.2		25.0	30.1		ug/L		116	55 - 145
o-Xylene	ND		25.0	26.8		ug/L		107	65 - 125
tert-Butyl alcohol (TBA)	ND		125	136		ug/L		109	65 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 440-12702-2 MSD
Matrix: Water
Analysis Batch: 29588

Client Sample ID: MW-1B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	28.1		ug/L		112	65 - 125	2	20
Toluene	ND		25.0	29.7		ug/L		119	70 - 125	4	20
Ethylbenzene	ND		25.0	27.5		ug/L		110	65 - 130	2	20
m,p-Xylene	ND		50.0	54.4		ug/L		109	65 - 130	4	25
Methyl-t-Butyl Ether (MTBE)	1.2		25.0	31.2		ug/L		120	55 - 145	4	25
o-Xylene	ND		25.0	28.0		ug/L		112	65 - 125	4	20
tert-Butyl alcohol (TBA)	ND		125	143		ug/L		114	65 - 140	5	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 440-30602/4
Matrix: Water
Analysis Batch: 30602

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			06/04/12 21:17	1
Toluene	ND		0.50		ug/L			06/04/12 21:17	1
Ethylbenzene	ND		0.50		ug/L			06/04/12 21:17	1
Xylenes, Total	ND		1.0		ug/L			06/04/12 21:17	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/04/12 21:17	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			06/04/12 21:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*06/04/12 21:17*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/04/12 21:17*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/04/12 21:17*	*1*

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

Lab Sample ID: LCS 440-30602/5
Matrix: Water
Analysis Batch: 30602

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.8		ug/L		99	70 - 120
Toluene	25.0	25.2		ug/L		101	70 - 120
Ethylbenzene	25.0	26.2		ug/L		105	75 - 125
m,p-Xylene	50.0	55.5		ug/L		111	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	18.8		ug/L		75	60 - 135
o-Xylene	25.0	28.2		ug/L		113	75 - 125
tert-Butyl alcohol (TBA)	125	142		ug/L		113	70 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*93*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-12751-B-1 MS
Matrix: Water
Analysis Batch: 30602

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	24.2		ug/L		97	65 - 125
Toluene	ND		25.0	25.6		ug/L		103	70 - 125
Ethylbenzene	ND		25.0	26.3		ug/L		105	65 - 130
m,p-Xylene	ND		50.0	55.7		ug/L		111	65 - 130
Methyl-t-Butyl Ether (MTBE)	6.0		25.0	26.2		ug/L		81	55 - 145
o-Xylene	ND		25.0	28.1		ug/L		112	65 - 125
tert-Butyl alcohol (TBA)	24		125	167		ug/L		114	65 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-12751-B-1 MSD
Matrix: Water
Analysis Batch: 30602

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	24.5		ug/L		98	65 - 125	1	20
Toluene	ND		25.0	25.5		ug/L		102	70 - 125	1	20
Ethylbenzene	ND		25.0	26.2		ug/L		105	65 - 130	1	20
m,p-Xylene	ND		50.0	56.2		ug/L		112	65 - 130	1	25
Methyl-t-Butyl Ether (MTBE)	6.0		25.0	26.8		ug/L		83	55 - 145	2	25
o-Xylene	ND		25.0	27.7		ug/L		111	65 - 125	1	20
tert-Butyl alcohol (TBA)	24		125	160		ug/L		108	65 - 140	4	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: MB 440-29326/4
Matrix: Water
Analysis Batch: 29326

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			05/29/12 18:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*05/29/12 18:48*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/29/12 18:48*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/29/12 18:48*	*1*

Lab Sample ID: LCS 440-29326/6
Matrix: Water
Analysis Batch: 29326

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	457		ug/L		91	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*89*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 440-12684-E-4 MS
Matrix: Water
Analysis Batch: 29326

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)	7700	E	1730	8320	E 4	ug/L		34	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*85*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 440-12684-E-4 MSD
Matrix: Water
Analysis Batch: 29326

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)	7700	E	1730	8600	E 4	ug/L		50	50 - 145	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*86*		*80 - 120*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: MB 440-29589/5
Matrix: Water
Analysis Batch: 29589

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			05/30/12 20:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*05/30/12 20:38*	*1*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*05/30/12 20:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/30/12 20:38*	*1*

Lab Sample ID: LCS 440-29589/7
Matrix: Water
Analysis Batch: 29589

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	563		ug/L		113	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*113*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-12702-2 MS
Matrix: Water
Analysis Batch: 29589

Client Sample ID: MW-1B
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	1650		ug/L		96	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 440-12702-2 MSD
Matrix: Water
Analysis Batch: 29589

Client Sample ID: MW-1B
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	1660		ug/L		97	50 - 145	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: MB 440-30603/4
Matrix: Water
Analysis Batch: 30603

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			06/04/12 21:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/04/12 21:17*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*06/04/12 21:17*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/04/12 21:17*	*1*

Lab Sample ID: LCS 440-30603/6
Matrix: Water
Analysis Batch: 30603

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	410		ug/L		82	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-12751-B-1 MS
Matrix: Water
Analysis Batch: 30603

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)	60		1730	1380		ug/L		77	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-12751-B-1 MSD
Matrix: Water
Analysis Batch: 30603

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)	60		1730	1400		ug/L		78	50 - 145	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 440-28385/2
Matrix: Water
Analysis Batch: 28385

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		110		ug/L			05/24/12 09:33	1

Lab Sample ID: LCS 440-28385/3
Matrix: Water
Analysis Batch: 28385

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	1130	1130		ug/L		100	90 - 110

Lab Sample ID: 440-12701-A-1 MS
Matrix: Water
Analysis Batch: 28385

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
Nitrate as N	9600		1130	10500	4	ug/L		85	80 - 120

Lab Sample ID: 440-12701-A-1 MSD
Matrix: Water
Analysis Batch: 28385

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
Nitrate as N	9600		1130	10300	4	ug/L		64	80 - 120	2	20

Lab Sample ID: MB 440-28386/2
Matrix: Water
Analysis Batch: 28386

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		500		ug/L			05/24/12 09:33	1

Lab Sample ID: LCS 440-28386/3
Matrix: Water
Analysis Batch: 28386

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10000	9500		ug/L		95	90 - 110

Lab Sample ID: 440-12701-A-1 MS
Matrix: Water
Analysis Batch: 28386

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
Sulfate	50000		10000	57300	4	ug/L		75	80 - 120

Lab Sample ID: 440-12701-A-1 MSD
Matrix: Water
Analysis Batch: 28386

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
Sulfate	50000		10000	56500	4	ug/L		67	80 - 120	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 440-30770/1
Matrix: Water
Analysis Batch: 30770

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	ND		4000		ug/L			06/05/12 13:20	1

Lab Sample ID: LCS 440-30770/2
Matrix: Water
Analysis Batch: 30770

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity as CaCO3	220000	216000		ug/L		98	90 - 110

Lab Sample ID: 440-12702-1 DU
Matrix: Water
Analysis Batch: 30770

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity as CaCO3	630000		628000		ug/L		0.6	20

Method: SM 3500 FE D - Iron, Ferrous

Lab Sample ID: MB 440-28706/1
Matrix: Water
Analysis Batch: 28706

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND		100		ug/L			05/25/12 10:00	1

Lab Sample ID: LCS 440-28706/2
Matrix: Water
Analysis Batch: 28706

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	5000	4000		ug/L		80	80 - 120

Lab Sample ID: 440-12702-1 DU
Matrix: Water
Analysis Batch: 28706

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ferrous Iron	ND	HF	ND		ug/L		NC	20

GC/MS VOA

Analysis Batch: 29325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12684-E-4 MS	Matrix Spike	Total/NA	Water	8260B	
440-12684-E-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-12702-5	MW-4	Total/NA	Water	8260B	
LCS 440-29325/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-29325/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 29326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12684-E-4 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-12684-E-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-12702-5	MW-4	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-29326/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-29326/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 29588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12702-1	MW-1	Total/NA	Water	8260B	
440-12702-2	MW-1B	Total/NA	Water	8260B	
440-12702-2 MS	MW-1B	Total/NA	Water	8260B	
440-12702-2 MSD	MW-1B	Total/NA	Water	8260B	
440-12702-3	MW-2	Total/NA	Water	8260B	
LCS 440-29588/27	Lab Control Sample	Total/NA	Water	8260B	
MB 440-29588/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 29589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12702-1	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
440-12702-2	MW-1B	Total/NA	Water	8260B/CA_LUFT MS	
440-12702-2 MS	MW-1B	Total/NA	Water	8260B/CA_LUFT MS	
440-12702-2 MSD	MW-1B	Total/NA	Water	8260B/CA_LUFT MS	
440-12702-3	MW-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-29589/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-29589/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 30602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12702-4	MW-3	Total/NA	Water	8260B	
440-12751-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-12751-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-30602/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-30602/4	Method Blank	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 30603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12702-4	MW-3	Total/NA	Water	8260B/CA_LUFT MS	
440-12751-B-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-12751-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-30603/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-30603/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

HPLC/IC

Analysis Batch: 28385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12701-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
440-12701-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
440-12702-1	MW-1	Total/NA	Water	300.0	
440-12702-2	MW-1B	Total/NA	Water	300.0	
440-12702-3	MW-2	Total/NA	Water	300.0	
440-12702-4	MW-3	Total/NA	Water	300.0	
440-12702-5	MW-4	Total/NA	Water	300.0	
LCS 440-28385/3	Lab Control Sample	Total/NA	Water	300.0	
MB 440-28385/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 28386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12701-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
440-12701-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
440-12702-1	MW-1	Total/NA	Water	300.0	
440-12702-2	MW-1B	Total/NA	Water	300.0	
440-12702-3	MW-2	Total/NA	Water	300.0	
440-12702-4	MW-3	Total/NA	Water	300.0	
440-12702-5	MW-4	Total/NA	Water	300.0	
LCS 440-28386/3	Lab Control Sample	Total/NA	Water	300.0	
MB 440-28386/2	Method Blank	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 28706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12702-1	MW-1	Total/NA	Water	SM 3500 FE D	
440-12702-1 DU	MW-1	Total/NA	Water	SM 3500 FE D	
440-12702-2	MW-1B	Total/NA	Water	SM 3500 FE D	
440-12702-3	MW-2	Total/NA	Water	SM 3500 FE D	
440-12702-4	MW-3	Total/NA	Water	SM 3500 FE D	
440-12702-5	MW-4	Total/NA	Water	SM 3500 FE D	
LCS 440-28706/2	Lab Control Sample	Total/NA	Water	SM 3500 FE D	
MB 440-28706/1	Method Blank	Total/NA	Water	SM 3500 FE D	

Analysis Batch: 30770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12702-1	MW-1	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 30770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-12702-1 DU	MW-1	Total/NA	Water	SM 2320B	
440-12702-2	MW-1B	Total/NA	Water	SM 2320B	
440-12702-3	MW-2	Total/NA	Water	SM 2320B	
440-12702-4	MW-3	Total/NA	Water	SM 2320B	
440-12702-5	MW-4	Total/NA	Water	SM 2320B	
LCS 440-30770/2	Lab Control Sample	Total/NA	Water	SM 2320B	
MB 440-30770/1	Method Blank	Total/NA	Water	SM 2320B	

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.

HPLC/IC

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.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes

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: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-12702-1

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.

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: 240523 Peter Schaefer
INCIDENT # (ENV SERVICES): 98995840 ☐ CHECK IF NO INCIDENT # APPLIES
PO #:
SAP #: 13578
DATE: 5/23/12
PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS: Street and City: 4212 First Street, Pleasanton
State: CA
GLOBAL ID NO.: T0600101259
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.: 240523-95-11.04
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): Daniel Allen
LAB USE ONLY: ~~440-12707~~ 440-12702

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://cralabedduploadcraworld.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: 4 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)	Nitrate	Sulfate	Alkalinity	Ferrous Iron	Container PID Readings or Laboratory Notes
	WG 120523-Rel	052312	DW	MW-1	1515	WG	X					4	X				X								X	X	X	X	
				MW-18	1025		X					4	X				X								X	X	X	X	
				MW-2	1500		X					4	X				X								X	X	X	X	
				MW-3	1045		X					4	X				X								X	X	X	X	
				MW-4	1525		X					4	X				X								X	X	X	X	

Relinquished by: (Signature) — Received by: (Signature) — Date: 5/23/12 — Time: 1615
Relinquished by: (Signature) — Received by: (Signature) — Date: 05/23/12 — Time: 1630
Relinquished by: (Signature) TBA 05/23/12 @ 1810 — Received by: (Signature) — Date: 5-24-12 — Time: 1115
5-24-12 11:30 — 5/24/12 0950

6/8/2012

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-12702-1

Login Number: 12702
List Number: 1
Creator: Avila, Stephanie

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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	