CONESTOGA-ROVERS & ASSOCIATES

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TRANSMITTAL

DATE: August 15, 2012

REFERENCE NO.: 201232

PROJECT NAME: 1801 Santa Rita Road, Pleasanton

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

RECEIVED
10:50 am, Aug 20, 2012
Alameda County
Environmental Health

Please find enclosed:
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- ☐ Prints
- ☒ Final
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- ☐ Mail
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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)

Clint Mercer, SC Fuels (property owner), 1800 West Katella Avenue, Orange, CA 92867

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

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
1801 Santa Rita Road
Pleasanton, California
SAP Code 135783
Incident No. 97615964
ACEH Case No. RO0002882

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
1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

SAP CODE	135783
INCIDENT NO.	97615964
AGENCY NO.	RO0002882

Prepared by:
Conestoga-Rovers & Associates

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AUGUST 15, 2012
REF. NO. 201232 (6)
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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	1801 Santa Rita 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.	RO0002882
Shell SAP Code	135783
Shell Incident No.	97615964

Date of most recent agency correspondence was July 14, 2009.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

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

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

CRA submitted an *Updated Site Conceptual Model and Closure Request* to Alameda County Environmental Health (ACEH) on April 10, 2012.

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Northeasterly
Hydraulic Gradient	0.002
Depth to Water	54.25 to 57.10 feet below top of well casing

2.3 PROPOSED ACTIVITIES

CRA's April 10, 2012 *Updated Site Conceptual Model and Closure Request* requested that ACEH suspend groundwater monitoring requirements during closure review. Unless directed otherwise, CRA will suspend the groundwater monitoring program during the closure review. No additional groundwater sampling events are scheduled.

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

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG

FIGURES

02/10/2011

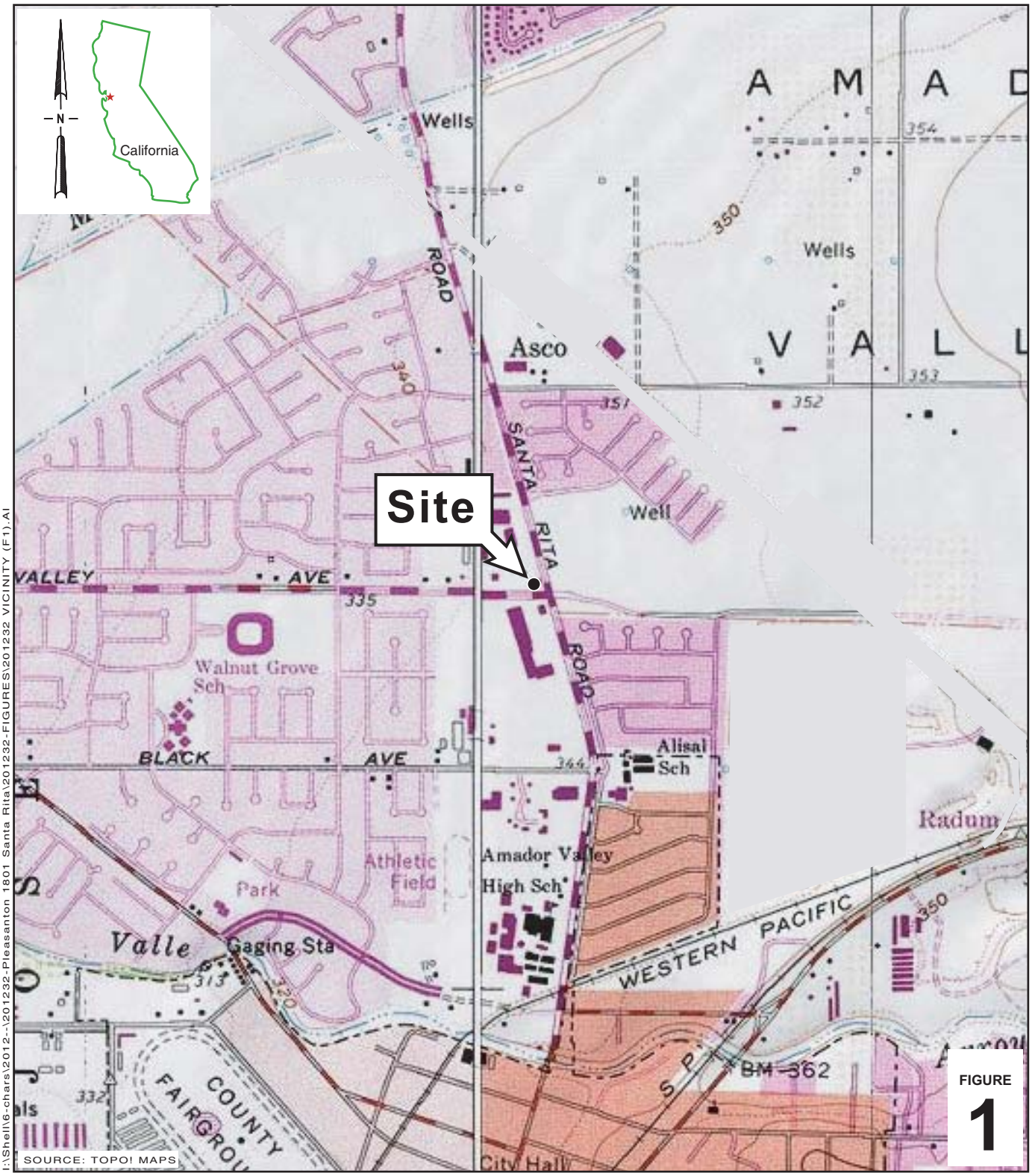

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FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

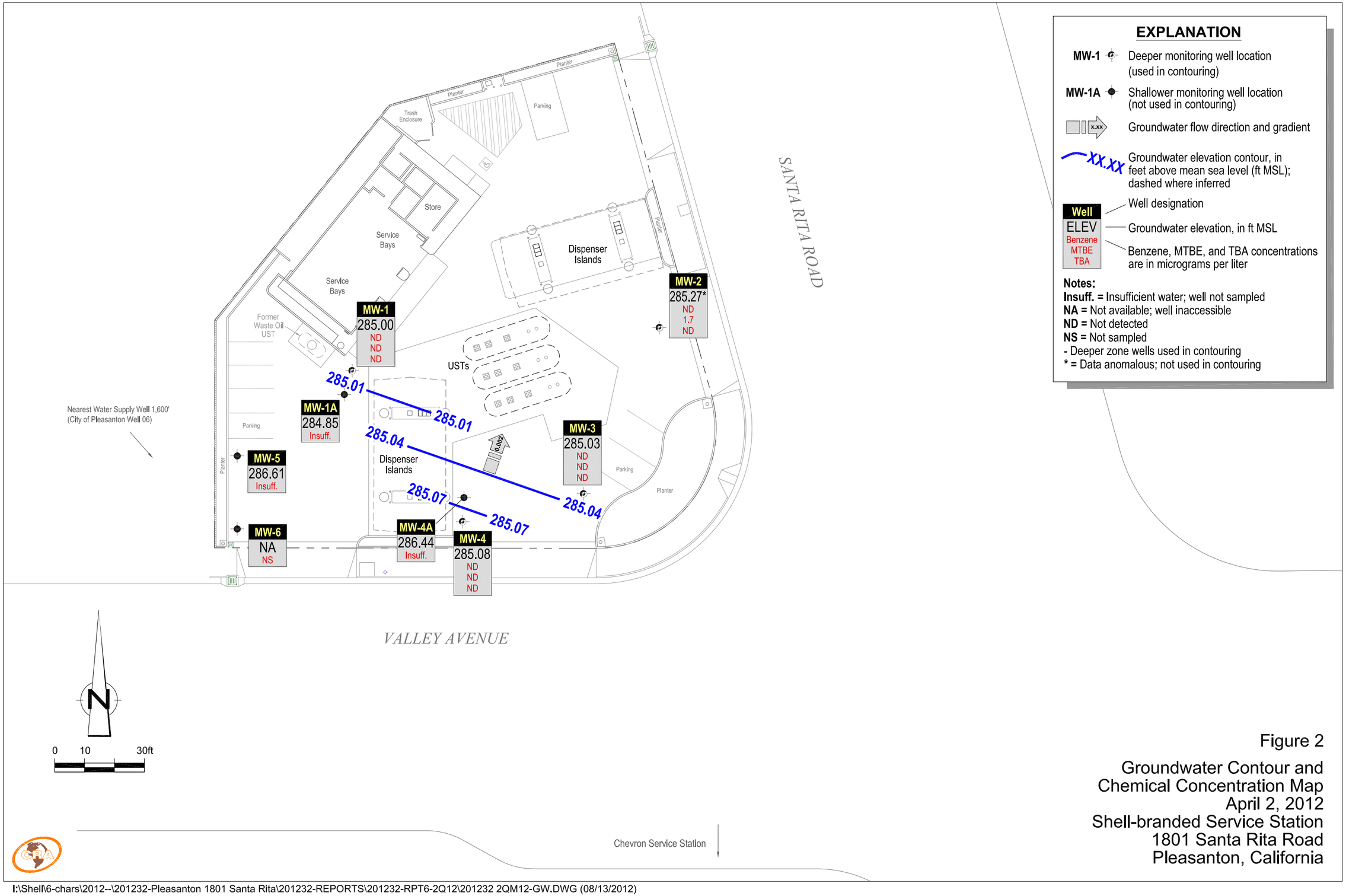
Shell-branded Service Station

1801 Santa Rita Road

Pleasanton, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map



EXPLANATION

- **MW-1** — Deeper monitoring well location (used in contouring)
- **MW-1A** — Shallower monitoring well location (not used in contouring)
- Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (ft MSL); dashed where inferred

Well
ELEV
Benzene
MTBE
TBA

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

Notes:
Insuff. = Insufficient water; well not sampled
NA = Not available; well inaccessible
ND = Not detected
NS = Not sampled
- Deeper zone wells used in contouring
*** =** Data anomalous; not used in contouring

Figure 2

Groundwater Contour and Chemical Concentration Map
April 2, 2012
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, California

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TABLE

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-1	12/12/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	85.83	---
MW-1	12/20/2002	---	<50 b	<50	<0.50	<0.50	<0.50	0.71	<0.50	<50	<2.0	<2.0	<2.0	---	---	---	---	85.60	---
MW-1	03/31/2003	---	75 b	<50	<0.50	<0.50	<0.50	<1.0	<5.0	---	---	---	---	---	---	---	342.10	77.36	264.74
MW-1	06/26/2003	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	342.10	72.48	269.62
MW-1	09/15/2003	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	342.10	79.03	263.07
MW-1	12/31/2003	---	<50 b	<50	<0.50	0.99	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	342.10	70.57	271.53
MW-1	03/08/2004	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	342.10	65.95	276.15
MW-1	06/16/2004	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	342.10	66.50	275.60
MW-1	04/14/2005	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	342.10	55.97	286.13
MW-1	10/20/2005	---	330 g/190 g	<50	0.86	<0.50	<0.50	1.2	0.87	<5.0	<2.0	<2.0	<2.0	---	---	---	342.10	56.51	285.59
MW-1	02/27/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	342.10	45.93	296.17
MW-1	04/19/2006	---	<47.2	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	342.10	43.15	298.95
MW-1	07/12/2006	---	53.1	<50.0	<0.500	<0.500	<0.500	<1.5	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	342.10	44.80	297.30
MW-1	10/06/2006	---	76 a	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	342.10	44.65	297.45
MW-1	01/19/2007	---	71	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	---	---	---	342.10	39.39	302.71
MW-1	04/03/2007	---	150 a	51 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	342.10	36.12	305.98
MW-1	07/06/2007	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	342.10	44.15	297.95
MW-1	10/25/2007	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	342.10	40.39	301.71
MW-1	01/10/2008	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	342.10	36.57	305.53
MW-1	04/17/2008	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	342.10	36.51	305.59
MW-1	07/02/2008	---	84 a	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	342.10	41.90	300.20
MW-1	10/14/2008	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	666	342.10	48.71	293.39
MW-1	01/05/2009	---	300 a	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	342.10	45.40	296.70
MW-1	04/14/2009	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	342.10	42.92	299.18
MW-1	10/06/2009	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	---	---	---	---	---	---	342.10	60.70	281.40
MW-1	04/02/2010	---	<50	<50	<0.50	<1.0	<1.0	<1.0	1.1	<10	---	---	---	---	---	---	342.10	54.91	287.19
MW-1	10/13/2010	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	---	---	---	---	---	---	342.10	59.77	282.33
MW-1	04/26/2011	---	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	342.10	51.34	290.76
MW-1	07/07/2011	---	97 g	<50	0.94	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	342.10	53.35	288.75
MW-1	10/03/2011	---	130	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	342.10	65.35	276.75
MW-1	**04/02/2012**	**---**	**74**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**---**	**---**	**---**	**---**	**---**	**---**	**342.10**	**57.10**	**285.00**
MW-1A	02/23/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.72	46.95	294.77
MW-1A	02/27/2006	---	55.9	<50.0	4.04	<0.500	<0.500	2.02	3.32	12.5	<0.500	<0.500	<0.500	---	---	---	341.72	45.56	296.16
MW-1A	04/19/2006	---	119	<50.0	1.05	0.990	<0.500	<0.500	1.41	<10.0	<0.500	<0.500	<0.500	---	---	---	341.72	42.78	298.94
MW-1A	07/12/2006	<5.21	79.6	<50.0	<0.500	<0.500	<0.500	<1.5	9.82	19.1	<0.500	<0.500	<0.500	---	---	---	341.72	44.41	297.31

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-1A	10/06/2006	3.7	90 a	<50.0	<1.00	<1.00	<1.00	<3.00	7.27	<10.0	<1.00	<1.00	<1.00	---	---	---	341.72	44.22	297.50
MW-1A	01/19/2007	<2.4	64	<50	<0.50	<0.50	<0.50	<0.50	15	24	<0.50	<0.50	<0.50	---	---	---	341.72	38.94	302.78
MW-1A	04/03/2007	2.3	210	<50 e	0.74	<1.0	<1.0	<1.0	14	<10	<2.0	<2.0	<2.0	---	---	---	341.72	35.67	306.05
MW-1A	07/06/2007	1.3	68	<50 e	0.76	<1.0	<1.0	<1.0	38	63	<2.0	<2.0	<2.0	---	---	---	341.72	43.72	298.00
MW-1A	10/25/2007	<1.0	<50	<50 e	<0.50	<1.0	<1.0	<1.0	30	29	<2.0	<2.0	<2.0	---	---	---	341.72	39.89	301.83
MW-1A	01/10/2008	<1.0	100 a	<50 e	<0.50	<1.0	<1.0	<1.0	23	<10	<2.0	<2.0	<2.0	---	---	---	341.72	36.06	305.66
MW-1A	04/17/2008	<1.0	<50	<50 e	<0.50	<1.0	<1.0	<1.0	38	24	<2.0	<2.0	<2.0	---	---	---	341.72	36.13	305.59
MW-1A	07/02/2008	3.0	200 a	110	<0.50	<1.0	<1.0	<1.0	65	75	<2.0	<2.0	<2.0	<0.50	<1.0	---	341.72	41.28	300.44
MW-1A	10/14/2008	2.6	<50	440	<0.50	<1.0	<1.0	<1.0	210	300	<2.0	<2.0	<2.0	1.5	<1.0	1,000	341.72	48.16	293.56
MW-1A	01/05/2009	1.5	<50	430	<0.50	<1.0	<1.0	<1.0	290	710	<2.0	<2.0	<2.0	2.3	<1.0	---	341.72	44.85	296.87
MW-1A	04/14/2009	2.4	<50	180	<1.0	<2.0	<2.0	<2.0	80	120	<4.0	<4.0	<4.0	<1.0	<2.0	---	341.72	42.40	299.32
MW-1A	10/06/2009	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	341.72	57.10	284.62
MW-1A	04/02/2010	---	<50	94	<0.50	<1.0	<1.0	<1.0	65	<10	---	---	---	---	---	---	341.72	54.55	287.17
MW-1A	10/13/2010	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	341.72	56.94	284.78
MW-1A	04/26/2011	<5.0	<47	<50	<0.50	<0.50	<0.50	<1.0	11	<10	---	---	---	---	---	---	341.72	50.98	290.74
MW-1A	07/07/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.72	52.81	288.91
MW-1A	07/08/2011	<5.0	<47	58 g	0.65	1.9	<0.50	2.2	63	<10	---	---	---	---	---	---	341.72	---	---
MW-1A	10/03/2011	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	341.72	56.87	284.85
MW-1A	**04/02/2012**	**Insufficient water**		---	---	---	---	---	---	---	---	---	---	---	---	---	**341.72**	**56.87**	**284.85**
MW-2	12/12/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	85.15	---
MW-2	12/20/2002	---	<50 b	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<2.0	<2.0	<2.0	---	---	---	---	85.00	---
MW-2	03/31/2003	---	63 b	<50	<0.50	0.71	<0.50	<1.0	<5.0	---	---	---	---	---	---	---	341.57	76.63	264.94
MW-2	06/26/2003	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.57	71.94	269.63
MW-2	09/15/2003	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.57	78.41	263.16
MW-2	12/31/2003	---	120 a,b	<50	<0.50	1.3	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.57	69.96	271.61
MW-2	03/08/2004	---	110 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.57	65.34	276.23
MW-2	06/16/2004	---	90 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.57	65.86	275.71
MW-2	04/14/2005	---	77 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.57	55.35	286.22
MW-2	10/20/2005	---	75 a/<50	<50	<0.50	<0.50	<0.50	<1.0	0.54	<5.0	<2.0	<2.0	<2.0	---	---	---	341.57	55.89	285.68
MW-2	02/27/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	45.30	296.27
MW-2	04/19/2006	---	80.1	<50.0	<0.500	<0.500	<0.500	<0.500	0.630	<10.0	<0.500	<0.500	<0.500	---	---	---	341.57	42.56	299.01
MW-2	07/12/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	44.20	297.37
MW-2	10/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	44.07	297.50
MW-2	01/19/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	38.79	302.78
MW-2	04/03/2007	---	190	<50 e	<0.50	<1.0	<1.0	<1.0	0.77 f	<10	<2.0	<2.0	<2.0	---	---	---	341.57	35.54	306.03

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-2	07/06/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	43.54	298.03
MW-2	10/25/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	39.77	301.80
MW-2	01/10/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	35.95	305.62
MW-2	04/17/2008	---	57	<50	<0.50	<1.0	<1.0	<1.0	1.2	<10	<2.0	<2.0	<2.0	---	---	---	341.57	35.90	305.67
MW-2	07/02/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	41.20	300.37
MW-2	10/14/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	48.03	293.54
MW-2	01/05/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	44.67	296.90
MW-2	04/14/2009	---	<50	<50	<0.50	<1.0	<1.0	<1.0	1.0	<10	<2.0	<2.0	<2.0	---	---	---	341.57	42.25	299.32
MW-2	10/06/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	59.94	281.63
MW-2	04/02/2010	---	67	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	341.57	54.31	287.26
MW-2	10/13/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	59.15	282.42
MW-2	04/26/2011	---	75 g	<50	<0.50	<0.50	<0.50	<1.0	1.0	<10	---	---	---	---	---	---	341.57	50.91	290.66
MW-2	07/07/2011	---	230 g	<50	3.9	4.8	<0.50	3.6	5.5	15	---	---	---	---	---	---	341.57	52.90	288.67
MW-2	10/03/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.57	64.98	276.59
MW-2	**04/02/2012**	**---**	**160**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.7**	**<10**	**---**	**---**	**---**	**---**	**---**	**---**	**341.57**	**56.30**	**285.27**
MW-3	12/12/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	85.49	---
MW-3	12/20/2002	---	<50 b	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<2.0	<2.0	<2.0	---	---	---	---	85.25	---
MW-3	03/31/2003	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<5.0	---	---	---	---	---	---	---	341.65	76.81	264.84
MW-3	06/26/2003	---	80 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.65	72.05	269.60
MW-3	09/15/2003	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.65	78.52	263.13
MW-3	12/31/2003	---	<50 b	<50	<0.50	1.2	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.65	70.15	271.50
MW-3	03/08/2004	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.65	65.46	276.19
MW-3	06/16/2004	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.65	65.87	275.78
MW-3	04/14/2005	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.65	55.50	286.15
MW-3	10/20/2005	---	55 a/<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	341.65	55.97	285.68
MW-3	02/27/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	45.45	296.20
MW-3	04/19/2006	---	200	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	20.2	<0.500	<0.500	<0.500	---	---	---	341.65	42.67	298.98
MW-3	07/12/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	44.32	297.33
MW-3	10/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	44.19	297.46
MW-3	01/19/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	38.98	302.67
MW-3	04/03/2007	---	140	<50 e	0.21 f	<1.0	<1.0	<1.0	0.29 f	<10	<2.0	<2.0	<2.0	---	---	---	341.65	35.72	305.93
MW-3	07/06/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	43.69	297.96
MW-3	10/25/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	39.90	301.75
MW-3	01/10/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	36.12	305.53
MW-3	04/17/2008	---	95	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	341.65	36.02	305.63

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-3	07/02/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	41.35	300.30
MW-3	10/14/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	48.24	293.41
MW-3	01/05/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	44.79	296.86
MW-3	04/14/2009	---	73	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	341.65	42.35	299.30
MW-3	10/06/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	60.08	281.57
MW-3	04/02/2010	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	---	---	---	---	---	---	341.65	54.47	287.18
MW-3	10/13/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	59.25	282.40
MW-3	04/26/2011	---	91 g	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	341.65	51.23	290.42
MW-3	07/07/2011	---	130 g	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	341.65	52.94	288.71
MW-3	10/03/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	341.65	64.90	276.75
MW-3	**04/02/2012**	**---**	**270**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**---**	**---**	**---**	**---**	**---**	**---**	**341.65**	**56.62**	**285.03**
MW-4	12/12/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	84.36	---
MW-4	12/20/2002	---	69 b	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<2.0	<2.0	<2.0	---	---	---	---	84.15	---
MW-4	03/31/2003	---	70 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---	---	---	---	340.68	75.90	264.78
MW-4	06/26/2003	---	86 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	340.68	71.01	269.67
MW-4	09/15/2003	---	120 a,b	<50	1.0	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	340.68	77.57	263.11
MW-4	12/31/2003	---	<50 b	<50	<0.50	0.64	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	340.68	69.15	271.53
MW-4	03/08/2004	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	340.68	64.51	276.17
MW-4	06/16/2004	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	340.68	65.04	275.64
MW-4	04/14/2005	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	340.68	54.53	286.15
MW-4	10/20/2005	---	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	340.68	55.05	285.63
MW-4	02/27/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	340.68	44.49	296.19
MW-4	04/19/2006	---	265	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	340.68	41.72	298.96
MW-4	07/12/2006	---	652	<50.0	<0.500	<0.500	<0.500	<1.5	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	340.68	43.34	297.34
MW-4	10/06/2006	---	320 a	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	340.68	43.23	297.45
MW-4	01/19/2007	---	79	<50	<0.50	<0.50	<0.50	0.88	<0.50	<20	<0.50	<0.50	<0.50	---	---	---	340.68	38.12	302.56
MW-4	04/03/2007	---	1,200 a	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.68	34.55	306.13
MW-4	07/06/2007	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.68	42.75	297.93
MW-4	10/25/2007	---	1,400 a	<50 e	<0.50	0.30 f	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.68	38.92	301.76
MW-4	01/10/2008	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.68	35.22	305.46
MW-4	04/17/2008	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.68	35.03	305.65
MW-4	07/02/2008	---	59 a	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.68	40.53	300.15
MW-4	10/14/2008	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	686	340.68	47.43	293.25
MW-4	01/05/2009	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.68	44.00	296.68
MW-4	04/14/2009	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.68	41.43	299.25

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-4	10/06/2009	---	72 a	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	---	---	---	---	---	---	340.68	59.10	281.58
MW-4	04/02/2010	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	---	---	---	---	---	---	340.68	53.57	287.11
MW-4	10/13/2010	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	---	---	---	---	---	---	340.68	58.30	282.38
MW-4	04/26/2011	---	71	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	340.68	50.02	290.66
MW-4	07/07/2011	---	88 g	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	340.68	51.89	288.79
MW-4	10/03/2011	---	91	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	340.68	63.85	276.83
MW-4	**04/02/2012**	**---**	**67**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**---**	**---**	**---**	**---**	**---**	**---**	**340.68**	**55.60**	**285.08**
MW-4A	02/23/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	340.77	46.55	294.22
MW-4A	02/27/2006	---	246	3,280	232	135	27.2	306	10.2	<10.0	<0.500	<0.500	<0.500	---	---	---	340.77	44.61	296.16
MW-4A	04/19/2006	---	967	15,000	2,620	1,280	518	1,460	34.9	<10.0	<0.500	<0.500	<0.500	---	---	---	340.77	41.82	298.95
MW-4A	07/12/2006	---	<47.2	25,900	3,720	749	728	1,770	37.6	32.2	<0.500	<0.500	<0.500	---	---	---	340.77	43.48	297.29
MW-4A	10/06/2006	---	560 a	4,340	573	14.9	193	132	16.4	<10.0	<1.00	<1.00	<1.00	---	---	---	340.77	43.42	297.35
MW-4A	01/19/2007	---	420	3,700	1,300 c,d	150	350	400	40	<100	<2.5	<2.5	<2.5	---	---	---	340.77	38.03	302.74
MW-4A	04/03/2007	---	1,200	2,200 e	240	5.0	240	9.4	41	44	<2.0	<2.0	<2.0	---	---	---	340.77	34.78	305.99
MW-4A	07/06/2007	---	290	1,300 e	130	6.5	130	40.7	29	72	<2.0	<2.0	<2.0	---	---	---	340.77	42.91	297.86
MW-4A	10/25/2007	---	220 a	400 e	3.8	0.50 f	3.7	1.37 f	34	200	<2.0	<2.0	<2.0	---	---	---	340.77	39.12	301.65
MW-4A	01/10/2008	---	150 a	200 e	8.8	0.75 f	2.4	0.37 f	40	310	<2.0	<2.0	<2.0	---	---	---	340.77	35.20	305.57
MW-4A	04/17/2008	---	150 a	400 e	31	3.4	5.6	1.9	60	220	<2.0	<2.0	<2.0	---	---	---	340.77	35.21	305.56
MW-4A	07/02/2008	---	110 a	570	5.1	<1.0	<1.0	<1.0	120	640	<2.0	<2.0	<2.0	7.6	<1.0	---	340.77	40.48	300.29
MW-4A	10/14/2008	---	<50	70	<0.50	<1.0	<1.0	<1.0	6.4	14	<2.0	<2.0	<2.0	<0.50	<1.0	814	340.77	47.50	293.27
MW-4A	01/05/2009	---	93 a	660	1.5	<1.0	<1.0	<1.0	250	1,300	<2.0	<2.0	<2.0	4.7	<1.0	---	340.77	44.04	296.73
MW-4A	04/14/2009	---	<50	1,900	91	30	61	130	200	1,200	<2.0	<2.0	<2.0	<0.50	<1.0	---	340.77	41.55	299.22
MW-4A	06/17/2009	---	<50	170	<0.50	<1.0	<1.0	<1.0	88	470	<2.0	<2.0	<2.0	2.6	<1.0	---	340.77	46.62	294.15
MW-4A	10/06/2009	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.77	54.41	286.36
MW-4A	04/02/2010	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.77	53.65	287.12
MW-4A	10/13/2010	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.77	54.35	286.42
MW-4A	04/26/2011	---	130 g	670	42	<0.50	<0.50	<1.0	11	51	---	---	---	---	---	---	340.77	50.12	290.65
MW-4A	07/07/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	340.77	52.02	288.75
MW-4A	07/08/2011	---	340	350	1.4	<0.50	<0.50	<1.0	27	200	---	---	---	---	---	---	340.77	---	---
MW-4A	10/03/2011	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.77	54.34	286.43
MW-4A	**04/02/2012**	**Insufficient water**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**340.77**	**54.33**	**286.44**
MW-5	02/23/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	340.86	45.10	295.76
MW-5	02/27/2006	---	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	340.86	44.69	296.17
MW-5	04/19/2006	---	<47.2	<50.0	0.810	0.810	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	340.86	41.95	298.91

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-5	07/12/2006	---	71.6	<50.0	<0.500	<0.500	<0.500	<1.5	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	340.86	43.44	297.42
MW-5	10/06/2006	---	260 a	<50.0	<1.00	<1.00	<1.00	<3.00	<1.00	<10.0	<1.00	<1.00	<1.00	---	---	---	340.86	43.46	297.40
MW-5	01/19/2007	---	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	---	---	---	340.86	38.09	302.77
MW-5	04/03/2007	---	120 a	<50 e	<0.50	<1.0	<1.0	<1.0	0.34 f	<10	<2.0	<2.0	<2.0	---	---	---	340.86	34.91	305.95
MW-5	07/06/2007	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	1.3	<10	<2.0	<2.0	<2.0	---	---	---	340.86	42.95	297.91
MW-5	10/25/2007	---	<50	<50 e	<0.50	0.34 f	<1.0	<1.0	1.7	<10	<2.0	<2.0	<2.0	---	---	---	340.86	39.16	301.70
MW-5	01/10/2008	---	82	<50 e	<0.50	<1.0	<1.0	<1.0	1.1	<10	<2.0	<2.0	<2.0	---	---	---	340.86	35.30	305.56
MW-5	04/17/2008	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.86	35.42	305.44
MW-5	07/02/2008	---	<50	<50	<0.50	<1.0	<1.0	<1.0	3.2	<10	<2.0	<2.0	<2.0	<0.50	<1.0	---	340.86	40.66	300.20
MW-5	10/14/2008	---	<50	59	<0.50	<1.0	<1.0	<1.0	22	<10	<2.0	<2.0	<2.0	<0.50	<1.0	963	340.86	47.60	293.26
MW-5	01/05/2009	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	<0.50	<1.0	---	340.86	44.16	296.70
MW-5	04/14/2009	---	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	<0.50	<1.0	---	340.86	41.73	299.13
MW-5	10/06/2009	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.86	54.21	286.65
MW-5	04/02/2010	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.86	53.68	287.18
MW-5	10/13/2010	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.86	54.02	286.84
MW-5	04/26/2011	---	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	340.86	50.18	290.68
MW-5	07/07/2011	---	61 g	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	340.86	52.11	288.75
MW-5	10/03/2011	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.86	54.05	286.81
MW-5	**04/02/2012**	**Insufficient water**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**340.86**	**54.25**	**286.61**
MW-6	09/12/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42.20	---
MW-6	09/19/2007	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	2.5	<10	---	---	---	---	---	---	---	41.85	---
MW-6	10/25/2007	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	340.34	38.63	301.71
MW-6	01/10/2008	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	0.86 f	<10	<2.0	<2.0	<2.0	---	---	---	340.34	35.29	305.05
MW-6	04/17/2008	---	<50	<50 e	<0.50	<1.0	<1.0	<1.0	1.8	<10	<2.0	<2.0	<2.0	---	---	---	340.34	34.95	305.39
MW-6	07/02/2008	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	340.34	---	---
MW-6	10/14/2008	---	<50	<50	<0.50	<1.0	<1.0	<1.0	12	<10	<2.0	<2.0	<2.0	<0.50	<1.0	903	340.34	47.21	293.13
MW-6	01/05/2009	---	<50	<50	<0.50	<1.0	<1.0	<1.0	15	<10	<2.0	<2.0	<2.0	<0.50	<1.0	---	340.34	43.86	296.48
MW-6	04/14/2009	---	<50	81	<0.50	<1.0	<1.0	<1.0	25	13	<2.0	<2.0	<2.0	<0.50	<1.0	---	340.34	41.30	299.04
MW-6	10/06/2009	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.34	54.16	286.18
MW-6	04/02/2010	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.34	53.65	286.69
MW-6	10/13/2010	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	340.34	54.12	286.22
MW-6	04/26/2011	---	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	---	---	---	---	---	---	340.34	49.78	290.56
MW-6	07/07/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	340.34	51.74	288.60
MW-6	07/08/2011	---	93 g	<50	1.2	2.2	<0.50	1.8	<1.0	<10	---	---	---	---	---	---	340.34	---	---
MW-6	10/03/2011	Well dry	---	---	---	---	---	---	---	---	---	---	---	---	---	---	340.34	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-6	04/02/2012	Well inaccessible	---	---	---	---	---	---	---	---	---	---	---	---	---	---	340.34	---	---

Notes:
Total O&G = Total oil and grease analyzed by EPA Method 1664A
TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method 8015 with silica gel cleanup unless otherwise noted
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B, unless otherwise noted
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane analyzed by EPA Method 8260B
EDB = 1,2-Dibromoethane, analyzed by EPA Method 8260B
TDS = Total dissolved solids
TOC = Top of casing elevation, in feet relative to mean sea level
GW = Groundwater
µg/L = Micrograms per liter
mg/L = Milligrams per liter
ft = Feet
MSL = Mean sea level
<x = Not detected at reporting limit x
--- = Not analyzed or not available
n/n = TPHd/TPHd w/silica gel clean-up

a = Hydrocarbon does not match pattern of laboratory's standard.
b = Analysis without silica gel clean-up.
c = Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
d = The sample, as received, was not preserved in accordance to the referenced analytical method (pH = 7).
e = Analyzed by EPA Method 8015B (M).
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.

Site wells surveyed January 14, 2003 by Mid Coast Engineers.
February 23, 2006 survey data for wells MW-1A, MW-4A, and MW-5 provided by Delta Environmental.
October 5, 2007 survey data for well MW-6 provided by Delta Environmental.

APPENDIX A

BLAINE TECH SERVICES, INC. – FIELD NOTES

WELL GAUGING DATA

Project # 120402-CM1 Date 4/2/12 Client SHELL

Site 1801 SANTA RITA, 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
MW-1	0855	4					59.10	91.76		
MW-1A	0900	4					56.87	57.22		
MW-2	0830	4					56.30	93.13		
MW-3	0840	4					56.62	96.68		
MW-4	0845	2					55.60	94.40		
MW-4A	0905	4					54.33	54.53		
MW-5	0850	4					54.25	54.41		
MW-6	UNABLE TO ACCESS DUE TO PARKED CAR									

SHELL WELL MONITORING DATA SHEET

BTS #: 120402-CM1	Site: 1801 SANTA RITA, PLEASANTON
Sampler: C. KLAPSTEIN	Date: 4/2/12
Well I.D.: MW - 1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 91.76	Depth to Water (DTW): 57.10
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]: 64.03	

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: ___

22.5 (Gals.) X 3 = 67.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1330	67.0	7.01	1339	48	23.0	
1335	66.4	7.01	1339	17	46.0	
1340	66.2	7.00	1337	9	69.0	

Did well dewater? Yes (No) Gallons actually evacuated: 69.0

Sampling Date: 4/2/12 Sampling Time: 1350 Depth to Water: 57.45

Sample I.D.: MW - 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 #: 120402-CM1	Site: 1801 SANTA RITA, PLEASANTON
Sampler: C. KILPATRICK	Date: 4/2/12
Well I.D.: MW - 1A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 57.22	Depth to Water (DTW): 56.87
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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			
	**	ND	SAMPLE TAKEN			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/2/12 Sampling Time: Depth to Water:

Sample I.D.: MW - 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 #: 120402-CM1	Site: 1801 SANTA RITA, PLEASANTON
Sampler: C. KILPATRICK	Date: 4/2/12
Well I.D.: MW - 2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 93.13	Depth to Water (DTW): 56.30
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]: 63.67	

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: ___

23.9 (Gals.) X	3	= 71.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1024	64.3	6.92	1301	146	24.0	
1029	64.8	6.93	1290	30	48.0	
1033	64.4	6.93	1294	10	72.0	

Did well dewater? Yes (No) Gallons actually evacuated: 72.0

Sampling Date: 4/2/12 Sampling Time: 1035 Depth to Water: 56.60

Sample I.D.: MW - 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 #: 120402-CM1	Site: 1801 SANTA RITA, PLEASANTON
Sampler: C. KILPATRICK	Date: 4/21/12
Well I.D.: MW - 3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 96.63	Depth to Water (DTW): 56.62
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]: 64.63	

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: _____

26.0 (Gals.) X	3	=	78.0 Gals.	
1 Case Volume	Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1100	64.6	7.04	1258	59	26.0	
1106	66.1	7.02	1271	18	52.0	
1111	66.5	7.02	1275	7	78.0	

Did well dewater? Yes (No) Gallons actually evacuated: 78.0

Sampling Date: 4/21/12 Sampling Time: 1115 Depth to Water: 56.75

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120402-CM1	Site: 1801 SANTA RITA, PLEASANTON
Sampler: C. KILPATRICK	Date: 4/2/12
Well I.D.: MW - 4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 94.40	Depth to Water (DTW): 55.60
Depth to Free Product: ____	Thickness of Free Product (feet): ____
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 63.36	

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

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

6.2 (Gals.) X 3 = 18.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1140	66.4	7.08	1316	623	6.2	
1152	68.5	7.06	1305	204	12.4	
1204	68.7	7.05	1301	183	18.6	

Did well dewater? Yes (No) Gallons actually evacuated: 18.6

Sampling Date: 4/2/12 Sampling Time: 1210 Depth to Water: 56.30

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120402-CM1	Site: 1801 SANTA RITA, PLEASANTON
Sampler: C. KILPATRICK	Date: 4/2/12
Well I.D.: MW-4A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 54.53	Depth to Water (DTW): 54.33
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]:	

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.	Well Diameter	Multiplier	Well Diameter	Multiplier
1 Case Volume / Specified Volumes / Calculated Volume	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
*	INSUFFICIENT	WATER	TO PURGE	OR SAMPLE		
	**	NO	SAMPLE TAKEN			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/2/12 Sampling Time: Depth to Water:

Sample I.D.: MW- 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 #: 120402-CH1	Site: 1801 SANTA RITA, PLEASANTON
Sampler: C. KILPATRICK	Date: 4/2/12
Well I.D.: MW - 5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 54.41	Depth to Water (DTW): 54.25
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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
*	INSUFFICIENT	WATER	TO PURGE OR	SAMPLE		
	**	NO	SAMPLE	TAKEN		

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/2/12 Sampling Time: Depth to Water:

Sample I.D.: MW - 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 #: 120402-CM1	Site: 1801 SANTA RITA, PLEASANTON
Sampler: C. KILPATRICK	Date: 4/2/12
Well I.D.: MW - 6	Well Diameter: 2 3 4 6 8 ____
Total Well Depth (TD):	Depth to Water (DTW):
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
*	UNABLE TO ACCESS DUE TO PARKED CAR					
	**	NO	SAMPLE TAKEN			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/2/12 Sampling Time: Depth to Water:

Sample I.D.: MW - 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 # 97615964

ADDRESS 1801 SANTA RITA

DATE: 4/2/12

CITY & STATE PLEASANTON

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size					Well Labeled / Painted Property*		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-1A	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	
MW-4A	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-6	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P	UNABLE TO ACCESS	Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	

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

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

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

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

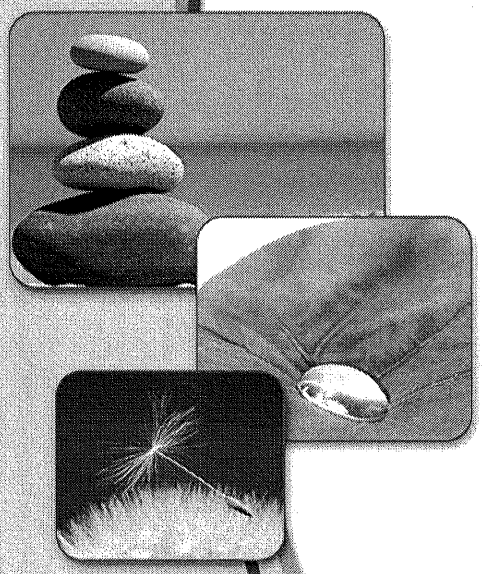
All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

COREY KILPATRICK 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: 440-7814-1
Client Project/Site: 1801 Santa Rita Rd., Pleasanton, CA

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

Attn: Peter Schaefrer

Philip Sanelle

Authorized for release by:
4/19/2012 12:39:41 PM

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

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 1801 Santa Rita Rd., Pleasanton, CA

TestAmerica Job ID: 440-7814-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-7814-1	MW-1	Water	04/02/12 13:50	04/05/12 09:55
440-7814-2	MW-2	Water	04/02/12 10:35	04/05/12 09:55
440-7814-3	MW-3	Water	04/02/12 11:15	04/05/12 09:55
440-7814-4	MW-4	Water	04/02/12 12:10	04/05/12 09:55

Job ID: 440-7814-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-7814-1

Comments
No additional comments.

Receipt
The samples were received on 4/5/2012 9:55 AM; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 5.60 C.

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

GC Semi VOA
Method(s) 8015B: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 18455. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: MW-1

Lab Sample ID: 440-7814-1
Date Collected: 04/02/12 13:50
Matrix: Water
Date Received: 04/05/12 09:55

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			04/11/12 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*04/11/12 01:45*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*04/11/12 01:45*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*04/11/12 01:45*	*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			04/11/12 01:45	1
Ethylbenzene	ND		0.50		ug/L			04/11/12 01:45	1
Toluene	ND		0.50		ug/L			04/11/12 01:45	1
Xylenes, Total	ND		1.0		ug/L			04/11/12 01:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			04/11/12 01:45	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			04/11/12 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*04/11/12 01:45*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*04/11/12 01:45*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*04/11/12 01:45*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	74		47		ug/L		04/09/12 16:00	04/10/12 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*45 - 120*	*04/09/12 16:00*	*04/10/12 00:29*	*1*

Client Sample ID: MW-2

Lab Sample ID: 440-7814-2
Date Collected: 04/02/12 10:35
Matrix: Water
Date Received: 04/05/12 09:55

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			04/11/12 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*04/11/12 02:13*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/11/12 02:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/11/12 02:13*	*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			04/11/12 02:13	1
Ethylbenzene	ND		0.50		ug/L			04/11/12 02:13	1
Toluene	ND		0.50		ug/L			04/11/12 02:13	1
Xylenes, Total	ND		1.0		ug/L			04/11/12 02:13	1
Methyl-t-Butyl Ether (MTBE)	1.7		0.50		ug/L			04/11/12 02:13	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			04/11/12 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/11/12 02:13*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*04/11/12 02:13*	*1*

Client Sample ID: MW-2

Lab Sample ID: 440-7814-2
Matrix: Water
Date Collected: 04/02/12 10:35
Date Received: 04/05/12 09:55

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/11/12 02:13*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	160		48		ug/L		04/09/12 16:00	04/10/12 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	*69*		*45 - 120*	*04/09/12 16:00*	*04/10/12 00:50*	*1*

Client Sample ID: MW-3

Lab Sample ID: 440-7814-3
Matrix: Water
Date Collected: 04/02/12 11:15
Date Received: 04/05/12 09:55

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			04/11/12 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*04/11/12 02:42*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/11/12 02:42*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/11/12 02:42*	*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			04/11/12 02:42	1
Ethylbenzene	ND		0.50		ug/L			04/11/12 02:42	1
Toluene	ND		0.50		ug/L			04/11/12 02:42	1
Xylenes, Total	ND		1.0		ug/L			04/11/12 02:42	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			04/11/12 02:42	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			04/11/12 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/11/12 02:42*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*04/11/12 02:42*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/11/12 02:42*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	270		48		ug/L		04/09/12 16:00	04/10/12 01:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	*83*		*45 - 120*	*04/09/12 16:00*	*04/10/12 01:10*	*1*

Client Sample ID: MW-4

Lab Sample ID: 440-7814-4
Matrix: Water
Date Collected: 04/02/12 12:10
Date Received: 04/05/12 09:55

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			04/11/12 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*04/11/12 03:11*	*1*

Client Sample ID: MW-4
Date Collected: 04/02/12 12:10
Date Received: 04/05/12 09:55

Lab Sample ID: 440-7814-4
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/11/12 03:11*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*04/11/12 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			04/11/12 03:11	1
Ethylbenzene	ND		0.50		ug/L			04/11/12 03:11	1
Toluene	ND		0.50		ug/L			04/11/12 03:11	1
Xylenes, Total	ND		1.0		ug/L			04/11/12 03:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			04/11/12 03:11	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			04/11/12 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/11/12 03:11*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*04/11/12 03:11*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*04/11/12 03:11*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	67		47		ug/L		04/09/12 16:00	04/10/12 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*04/09/12 16:00*	*04/10/12 01:30*	*1*

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 1801 Santa Rita Rd., Pleasanton, CA

TestAmerica Job ID: 440-7814-1

Client Sample ID: MW-1

Lab Sample ID: 440-7814-1
Matrix: Water

Date Collected: 04/02/12 13:50
Date Received: 04/05/12 09:55

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	18753	04/11/12 01:45	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	18754	04/11/12 01:45	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	18455	04/09/12 16:00	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			18309	04/10/12 00:29	ES	TAL IRV

Client Sample ID: MW-2

Lab Sample ID: 440-7814-2
Matrix: Water

Date Collected: 04/02/12 10:35
Date Received: 04/05/12 09:55

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	18753	04/11/12 02:13	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	18754	04/11/12 02:13	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	18455	04/09/12 16:00	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			18309	04/10/12 00:50	ES	TAL IRV

Client Sample ID: MW-3

Lab Sample ID: 440-7814-3
Matrix: Water

Date Collected: 04/02/12 11:15
Date Received: 04/05/12 09:55

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	18753	04/11/12 02:42	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	18754	04/11/12 02:42	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1040 mL	1 mL	18455	04/09/12 16:00	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			18309	04/10/12 01:10	ES	TAL IRV

Client Sample ID: MW-4

Lab Sample ID: 440-7814-4
Matrix: Water

Date Collected: 04/02/12 12:10
Date Received: 04/05/12 09:55

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	18753	04/11/12 03:11	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	18754	04/11/12 03:11	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	18455	04/09/12 16:00	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			18309	04/10/12 01:30	ES	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 440-18753/4
Matrix: Water
Analysis Batch: 18753

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			04/10/12 20:25	1
Ethylbenzene	ND		0.50		ug/L			04/10/12 20:25	1
Toluene	ND		0.50		ug/L			04/10/12 20:25	1
Xylenes, Total	ND		1.0		ug/L			04/10/12 20:25	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			04/10/12 20:25	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			04/10/12 20:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/10/12 20:25*	*1*
Dibromofluoromethane (Surr)	*91*		*80 - 120*		*04/10/12 20:25*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/10/12 20:25*	*1*

Lab Sample ID: LCS 440-18753/5
Matrix: Water
Analysis Batch: 18753

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	22.8		ug/L		91	70 - 120
Ethylbenzene	25.0	22.9		ug/L		92	75 - 125
Toluene	25.0	22.0		ug/L		88	70 - 120
m,p-Xylene	50.0	48.7		ug/L		97	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	22.3		ug/L		89	60 - 135
o-Xylene	25.0	24.2		ug/L		97	75 - 125
tert-Butyl alcohol (TBA)	125	119		ug/L		95	70 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 440-7751-D-1 MS
Matrix: Water
Analysis Batch: 18753

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	23.5		ug/L		94	65 - 125
Ethylbenzene	ND		25.0	23.8		ug/L		95	65 - 130
Toluene	ND		25.0	23.8		ug/L		95	70 - 125
m,p-Xylene	ND		50.0	50.7		ug/L		101	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.8		ug/L		95	55 - 145
o-Xylene	ND		25.0	25.4		ug/L		102	65 - 125
tert-Butyl alcohol (TBA)	ND		125	126		ug/L		100	65 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

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

Lab Sample ID: 440-7751-D-1 MSD
Matrix: Water
Analysis Batch: 18753

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	23.4		ug/L		94	65 - 125	0	20
Ethylbenzene	ND		25.0	22.9		ug/L		92	65 - 130	4	20
Toluene	ND		25.0	23.0		ug/L		92	70 - 125	3	20
m,p-Xylene	ND		50.0	48.2		ug/L		96	65 - 130	5	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.0		ug/L		92	55 - 145	3	25
o-Xylene	ND		25.0	24.3		ug/L		97	65 - 125	4	20
tert-Butyl alcohol (TBA)	ND		125	120		ug/L		96	65 - 140	5	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

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

Lab Sample ID: MB 440-18754/4
Matrix: Water
Analysis Batch: 18754

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			04/10/12 20:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*91*		*80 - 120*		*04/10/12 20:25*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/10/12 20:25*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/10/12 20:25*	*1*

Lab Sample ID: LCS 440-18754/6
Matrix: Water
Analysis Batch: 18754

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	521		ug/L		104	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-7751-D-1 MS
Matrix: Water
Analysis Batch: 18754

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	1390		ug/L		80	50 - 145

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

Lab Sample ID: 440-7751-D-1 MS
Matrix: Water
Analysis Batch: 18754

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-7751-D-1 MSD
Matrix: Water
Analysis Batch: 18754

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	1300		ug/L		76	50 - 145	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Lab Sample ID: MB 440-18455/1-A
Matrix: Water
Analysis Batch: 18309

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 18455

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		04/09/12 16:00	04/09/12 23:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*76*		*45 - 120*	*04/09/12 16:00*	*04/09/12 23:29*	*1*

Lab Sample ID: LCS 440-18455/2-A
Matrix: Water
Analysis Batch: 18309

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 18455

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	769		ug/L		77	40 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*77*		*45 - 120*

Lab Sample ID: LCSD 440-18455/3-A
Matrix: Water
Analysis Batch: 18309

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 18455

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1000	765		ug/L		77	40 - 115	0	25

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level (Continued)

Lab Sample ID: LCSD 440-18455/3-A
Matrix: Water
Analysis Batch: 18309

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 18455

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane	79		45 - 120

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 1801 Santa Rita Rd., Pleasanton, CA

TestAmerica Job ID: 440-7814-1

GC/MS VOA

Analysis Batch: 18753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-7751-D-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-7751-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-7814-1	MW-1	Total/NA	Water	8260B	
440-7814-2	MW-2	Total/NA	Water	8260B	
440-7814-3	MW-3	Total/NA	Water	8260B	
440-7814-4	MW-4	Total/NA	Water	8260B	
LCS 440-18753/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-18753/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 18754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-7751-D-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-7751-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-7814-1	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
440-7814-2	MW-2	Total/NA	Water	8260B/CA_LUFT MS	
440-7814-3	MW-3	Total/NA	Water	8260B/CA_LUFT MS	
440-7814-4	MW-4	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-18754/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-18754/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Analysis Batch: 18309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-7814-1	MW-1	Silica Gel Cleanup	Water	8015B	18455
440-7814-2	MW-2	Silica Gel Cleanup	Water	8015B	18455
440-7814-3	MW-3	Silica Gel Cleanup	Water	8015B	18455
440-7814-4	MW-4	Silica Gel Cleanup	Water	8015B	18455
LCS 440-18455/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	18455
LCSD 440-18455/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	18455
MB 440-18455/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	18455

Prep Batch: 18455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-7814-1	MW-1	Silica Gel Cleanup	Water	3510C SGC	
440-7814-2	MW-2	Silica Gel Cleanup	Water	3510C SGC	
440-7814-3	MW-3	Silica Gel Cleanup	Water	3510C SGC	
440-7814-4	MW-4	Silica Gel Cleanup	Water	3510C SGC	
LCS 440-18455/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 440-18455/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 440-18455/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

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: 1801 Santa Rita Rd., Pleasanton, CA

TestAmerica Job ID: 440-7814-1

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: 201232 Peter Schaefer
PO #:
INCIDENT # (ENV SERVICES): 9 7 6 1 5 9 6 4 ☐ CHECK IF NO INCIDENT # APPLIES
SAP #: 1 3 5 7 8 3
DATE: 4/2/12
PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS: Street and City: 1801 Santa Rita Rd., Pleasanton
State: CA
GLOBAL ID NO.: T0600144714
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.: 201232-95-12.02
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): COREY KILPATRICK
LAB USE ONLY: 440-7814

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
Run TPH-D with Silica Gel Clean Up

☑ 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)	Container PID Readings or Laboratory Notes
WG	120402-CW	04 02 12	CK	MW-1	1350	W	X			X		5	X	X			X								RUN TPH-D w/ SILICA GEL CLEAN UP
↓	↓	↓	↓	MW-2	1035	W	X			X		5	X	X			X								
				MW-3	1115	W	X			X		5	X	X			X								
				MW-4	1210	W	X			X		5	X	X			X								

TEMPERATURE ON RECEIPT, °C: (CS) 5.6 oc

Relinquished by: (Signature)		Received by: (Signature)	Date:	Time:
	1540	(S.C.)	4/2/12	1540
(Sample Custody Seal)			4-4-12	1020
4-4-12 1600			4/5/12	9:55

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4/19/2012

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-7814-1

Login Number: 7814
List Number: 1
Creator: Escalante, Maria

List Source: TestAmerica Irvine

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