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To:	Jerry Wio			T 1.1		RECEIVED
			ty Environmental H			By Alameda County Environmental Health at 2:17 pm, Aug 19, 2013
			y Parkway, Suite 25	0		
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QUAN	TITY				DESCRI	PTION
1	. (Groun	dwater Monitoring	Report	- Second Q	uarter 2013

	Lequested Your Use		For	Review	and Comme	ent
	ze any que					nt, please call the CRA project manager erry Pineda at (425) 413-1164.
Copy to:	Pe	rry Pi	neda, Shell Oil Prod	ucts I I	S (electronia	c copy)
copy to.		•				ad, Casper, WY 82604
		00		•	•	rth Benson Avenue, Upland, CA 91786-2157
			ırner, CAR Enterpri	-	ectronic con	v) /
Complete	ed by: Pe	ter Scl	naefer		_ Signed:	feler Schaufe
Filing:	Correspond	lence F	ile			



Shell Oil Products US

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

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

Re:

999 San Pablo Avenue Albany, California SAP Code 135037

Incident No. 98995143

ACEH Case No. RO0000121

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

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

Sincerely, Shell Oil Products US

Perry Pineda

Senior Environmental Program Manager



GROUNDWATER MONITORING REPORT - SECOND QUARTER 2013

SHELL-BRANDED SERVICE STATION 999 SAN PABLO AVENUE ALBANY, CALIFORNIA

SAP CODE

135037

INCIDENT NO.

98995143

AGENCY NO.

RO0000121

Prepared by: Conestoga-Rovers & Associates

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

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VICINITY MAP

FIGURE 2

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GROUNDWATER DATA

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BROADBENT & ASSOCIATES, INC. - GROUNDWATER MONITORING

DATA TABLES FOR ARCO STATION NO. 2035

1.0 <u>INTRODUCTION</u>

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 999 San Pablo Avenue, Albany

Site Use Shell-branded Service Station

Shell Project Manager Perry Pineda

CRA Project Manager Peter Schaefer

Lead Agency and Contact ACEH, Jerry Wickham

Agency Case No. RO0000121

Shell SAP Code 135037

Shell Incident No. 98995143

Date of most recent agency correspondence was July 2, 2013 (electronic).

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. Blaine coordinated groundwater monitoring with adjacent ARCO Station No. 2035 located at 1001 San Pablo Avenue, Albany.

CRA prepared a vicinity map (Figure 1), a groundwater contour and chemical concentration map (Figure 2), and a groundwater data table (Table 1). Blaine's field notes are presented in Appendix A, and the laboratory reports are presented in Appendix B. The groundwater monitoring data tables for the ARCO site are included in Appendix C.

Blaine installed a hydrocarbon-absorbent canister in well S-8 on February 10, 2011 and has replaced the canisters quarterly since then. During the February 15 and June 4, 2013

gauging event, no separate-phase hydrocarbons (SPHs) were measured in well S-8. Approximately 0.94 pounds of SPHs (weight of the canister upon removal minus the dry weight of the canister) were removed from S-8 with the SPH canister during first quarter 2013, and approximately 0.70 pounds of SPHs were removed during second quarter 2013. A total of approximately 1.64 pounds of SPHs were removed from S-8 during this period. An SPH removal summary is provided below.

SPH REMOV	AL SUMMARY
This Period (pounds)	Cumulative Removal (pounds)
1.64	22.97

CRA submitted a *Subsurface Investigation Work Plan* on April 9, 2013 proposing one down-gradient soil boring. The work plan was conditionally approve in Alameda County Environmental Health's (ACEH's) April 22, 2013 letter. ACEH's July 2, 2013 electronic correspondence extended the due date for an investigation report to September 13, 2013. The boring was drilled on July 23, 2013.

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction

Generally westerly

Hydraulic Gradient

Variable

Depth to Water

6.86 to 10.42 feet below top of well casing

2.3 PROPOSED ACTIVITIES

CRA's November 27, 2012 Site Conceptual Model and Closure Request requested that Alameda County Environmental Health suspend groundwater monitoring requirements during closure review. Unless directed otherwise, CRA will suspend the groundwater monitoring program during the closure review. No further groundwater monitoring events are scheduled.

CRA will complete the proposed off-site investigation and submit an investigation report to ACEH by September 13, 2013.

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

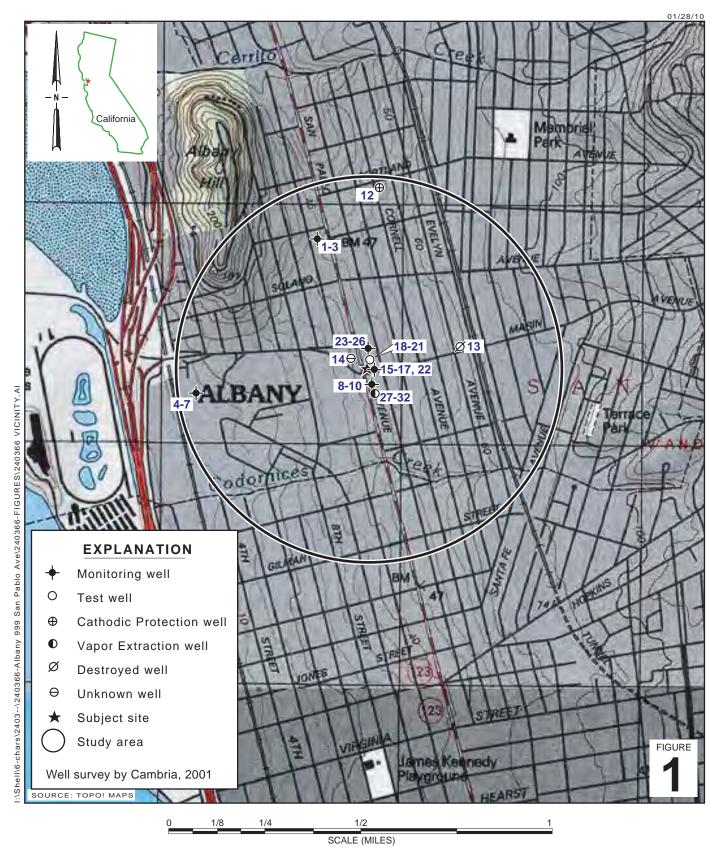
Peter Schaefer, CHG, CEG

PETER L SCHAEFER NO. 5612

Bunda Certer

Aubrey K. Cool, PG

FIGURES

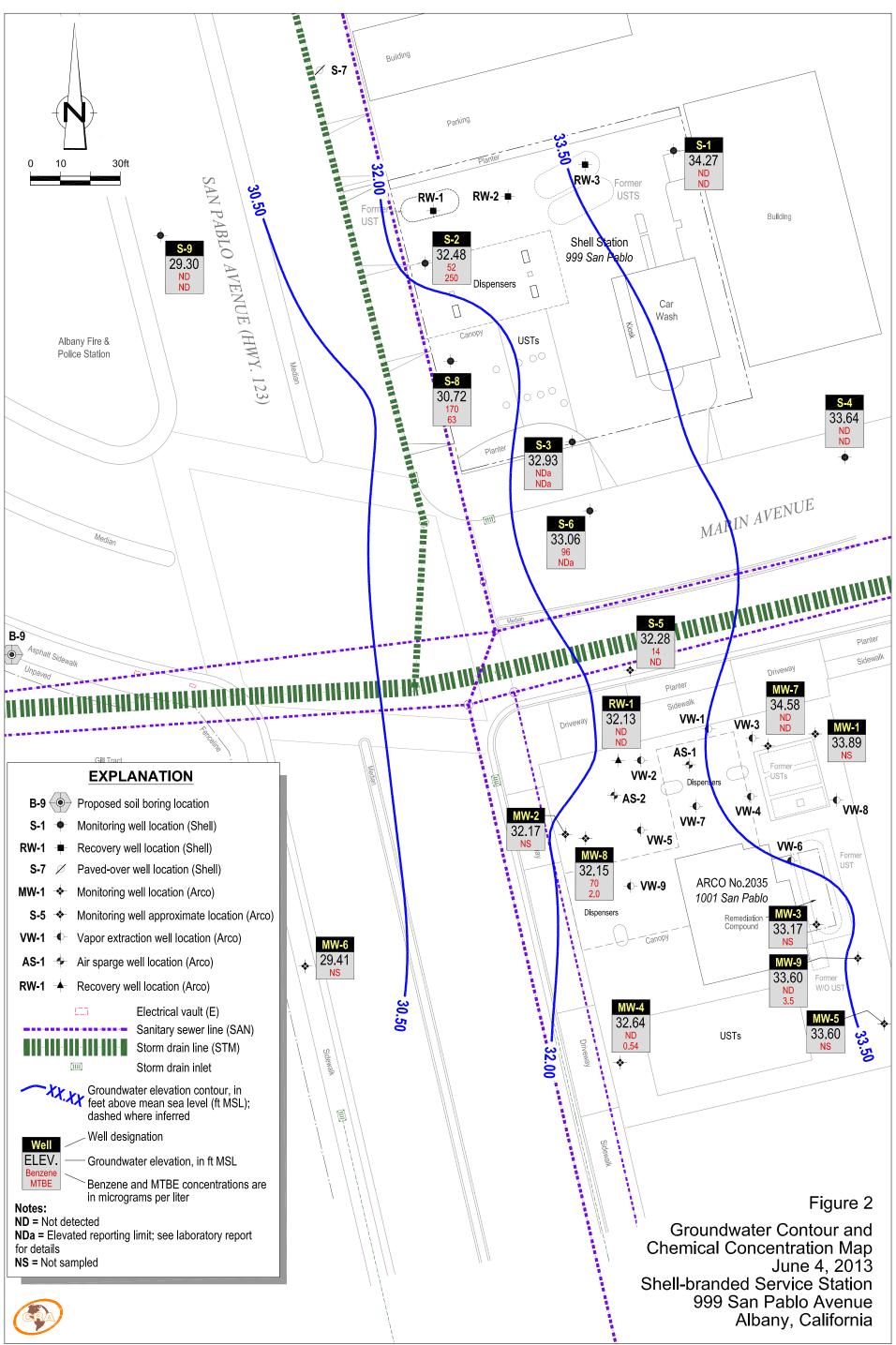


Shell-branded Service Station

999 San Pablo Avenue Albany, California



Vicinity Map



TABLE

Well ID	Date	TPHg (µg/L)	Β (μg/L)	Τ (μg/L)	Ε (μg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (μg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	05/13/1991	1,500	20	2.6	86	74							42.73	8.24	34.49		
S-1	08/23/1991	2,900	27	<2.5	<i>7</i> 5	18							42.73	8.37	34.36		
S-1	11/07/1991	2,900	8.0	2.5	46	26							42.73	8.30	34.43		
S-1	01/28/1992	2,000	11	<2.5	60	20							42.73	7.84	34.89		
S-1	05/06/1992	1,200	5.5	<2.5	80	36							42.73	7.95	34.78		
S-1	08/26/1992	2,000	9.4	<2.5	130	<2.5							42.73	8.24	34.49		
S-1	10/28/1992	1,300	27	3.2	72 .	13	'						42.7 3	8.52	34.21		
S-1	01/19/1993	1,500	13	3.0	29	31							42.73	6.54	36.19		
S-1	04/29/1993	2,000	15	<2.5	82	<6.5		-				,	42.73	7.93	34.80		
S-1	07/22/1993	620	1.1	4.2	3.5	13		·					42.73	8.09	34.64		
S-1	10/21/1993	1,200	34	25	15	9.5							42.73	9.43	33.30		
S-1	01/04/1994	860	<2.5	<2.5	5. <i>7</i>	5.3				~~~			42.73	8.25	34.48		
S-1	04/13/1994												42.73	8.02	34.71		
S-1	07/25/1994	1,200	8.3	7.4	15	20							42.7 3	8.22	34.51		
S-1	10/10/1994												42.73	8.29	34.44		
S-1	01/26/1995	1,000	12	0.60	12	420	'						42.73	6.88	35.85		
S-1	04/21/1995												42.73	7.65	35.08		
S-1	07/28/1995	660	7.2	1.0	11	8.9							42.73	7.90	34.83		4
S-1	10/31/1995												42.73	7.72	35.01		
S-1	01/10/1996	1,100	3.5	7.0	5.1	9.4							42.73	8.24	34.49		7.4
S-1	04/25/1996												42.73	7.74	34.99		
S-1	07/23/1996	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						42.73	7.92	34.81		2.7
S-1	12/10/1996												42.73	7.56	35.17		0.6
S-1	02/20/1997	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						42.73	7.95	34.78		3
S-1	05/22/1997												42.73	8.11	34.62		0.5
S-1	08/22/1997	810	18	< 2.0	5.1	4.4	18						42.73	7.86	34.87		3
S-1	11/03/1997												42.73	8.35	34.38		1.1
S-1	02/20/1998	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						42.73	6.09	36.64		2.9
S-1	05/18/1998												42.73	7.69	35.04		1.1
S-1	08/20/1998	390	6.7	< 0.50	0.64	< 0.50	14		·				42.73	8.20	34.53		1.9
S-1	11/06/1998									,			42.73	8.23	34.50		
S-1	02/16/1999	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						42.73	7.47	35.26		1.5
S-1	05/28/1999												42.73	7.60	35.13		1.3
S-1	08/24/1999	72.4	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50			,			42.73	7.95	34.78		1.4
S-1	11/16/1999												42.73	7.87	34.86		1.3
S-1	02/02/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 5.00						42.73	7.26	35.47		1.4

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (μg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (μg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	05/09/2000												42.73	8.13	34.60	pa de pe	1.0
S-1	08/03/2000	209	6.42	< 0.500	< 0.500	< 0.500	< 2.50						42.73	8.12	34.61		1.4
S-1	11/15/2000												42.73	8.06	34.67		1.0
S-1	02/14/2001	179	4.46	< 0.500	< 0.500	< 0.500	8.72						42.73	8.08	34.65		1.1
S-1	05/31/2001												42.73	8.05	34.68		1.0
S-1	08/15/2001	270	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0					42.73	8.40	34.33		1.3
S-1	12/31/2001												42.73	7.42	35.31		0.4
S-1	02/06/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0	~~~				42.73	7.60	35.13		2.2
S-1	06/04/2002												42.73	8.16	34.57		0.8
S-1	07/25/2002	230	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0					42.57	7.84	34.73		0.9
S-1	11/27/2002												42.57	8.01	34.56		0.6
S-1	01/30/2003	310	< 0.50	< 0.50	3.6	1.6		< 5.0					42.57	7.56	35.01		1.5
S-1	06/03/2003												42.57	7.87	34.70		1.6
S-1	08/08/2003	730	< 0.50	< 0.50	12	6.4		< 0.50					42.57	7.95	34.62		1.3
S-1	11/13/2003												42.57	7.90	34.67		0.8
S-1	02/04/2004	220	< 0.50	< 0.50	1.8	1.1		< 0.50					42.57	7.37	35.20	·	1.2
S-1	05/12/2004												42.57	8.05	34.52		1.1
S-1	08/23/2004	110 d	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					42.57	8.10	34.47		0.6
S-1	12/01/2004	~~~											42.57	7.84	34.73		
S-1	02/07/2005	53 d	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					42.57	7.48	35.09		0.49
S-1	05/02/2005												42.57	8.05	34.52		
S-1	08/04/2005	850	< 0.50	< 0.50	4.5	1.0		< 0.50					42.57	8.05	34.52		0.01
S-1	11/16/2005						`						42.57	8.19	34.38		
S-1	03/02/2006	170	< 0.50	< 0.50	2.4	0.91		< 0.50					42.57	7.58	34.99		0.32
S-1	05/31/2006												42.57	8.03	34.54		
S-1	08/29/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500					42.57	7.99	34.58		1.05
S-1	12/06/2006												42.57	8.07	34.50		0.4
S-1	01/30/2007	640	< 0.50	< 0.50	1.9	<1.0		< 0.50					42.57	8.32	34.25		1.20
S-1	05/15/2007						~~~		an en an				42.57	7.85	34.72		0.16
S-1	08/29/2007	980 f	0.37 g	<1.0	3.3	<1.0		<1.0	<10	< 2.0	< 2.0	< 2.0	42.57	7.87	34.70		2.54
S-1	11/29/2007												42.57	8.18	34.39		0.28
S-1	02/21/2008	430 f	< 0.50	<1.0	<1.0	<1.0		<1.0					42.57	7.94	34.63		0.27
S-1	05/06/2008												42.57	8.00	34.57		0.1
S-1	08/27/2008	170	< 0.50	<1.0	<1.0	<1.0		<1.0					42.57	8.45	34.12		0.21
S-1	11/24/2008												42.57	8.49	34.08		0.06
S-1	01/28/2009	390	< 0.50	<1.0	<1.0	<1.0	***	<1.0					42.57	8.29	34.28		1.70

Well ID	Date	TPHg (μg/L)	B (μg/L)	Τ (μg/L)	E (μg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (µg/L)	DIPE (μg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	05/26/2009												42.57	8.11	34.46		
S-1	11/24/2009	230	< 0.50	<1.0	<1.0	<1.0		<1.0	~~~				42.57	8.34	34.23		1.47
S-1	05/26/2010	490	< 0.50	<1.0	1.3	2.1		<1.0					42.57	7.99	34.58		0.38
S-1	11/30/2010	220	1.7	<1.0	<1.0	<1.0		<1.0					42.57	7.98	34.59		0.65
S-1	05/11/2011	< 50	< 0.50	< 0.50	< 0.50	1.0		<1.0					42.57	8.19	34.38		1.49
S-1	11/28/2011	56	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500					42.57	7.97	34.60		1.62
S-1	06/05/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	·				42.57	8.22	34.35		1.46
S-1	11/28/2012	5,400	10	3.4	2.8	6.6		22					42.57	7.53	35.04		1.54
S-1	12/21/2012	79	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					42.57	7.70	34.87		
S-1	06/04/2013	<50	<0.50	<0.50	<0.50	<1.0		<0.50					42.57	8.30	34.27		1.98
S-2	05/13/1991	23,000	3,900	230	1,100	3,200							40.73	8.50	32.23		~~~
S-2	08/23/1991	23,000	4,400	260	1,900	2,400							40.73	8.80	31.93		
S-2	11/07/1991	40,000	4,000	160	1,020	3,400							40.73	8.61	32.12		
S-2 S-2	01/28/1992	22,000	1,600	70	420	1,700			***				40.73	7.80	32.93		
S-2	05/06/1992	20,000	2,600	110	860	1,900							40.73	8.10	32.63		
S-2	08/26/1992	42,000	5,000	160	1,100	3,500							40.73	8.37	32.36		
S-2	10/28/1992	34,000	4,800	330	1,600	2,900							40.73	8.64	32.09		
S-2	01/19/1993	20,000	2,300	370	660	1,300							40.73	5.82	34.91		
S-2	04/29/1993	40,000	2,000	67	900	1,900							40.73	7.70	33.03		
S-2 S-2	07/22/1993	22,000	3,000	120	1,000	1,600							40.73	8.38	32.35		
S-2 (D)	07/22/1993	17,000	3,000	110	1,000	1,500							40.73	8.38	32.35		
S-2	10/21/1993	14,000	2,800	74	870	1,100					***		40.73	8.58	32.15		
S-2 (D)	10/21/1993	13,000	3,200	53	960	820							40.73	8.58	32.15		
S-2	01/04/1994	21,000	2,100	67	990	770							40.73	7.70	33.03		
S-2 (D)	01/04/1994	22,000	2,000	64	910	750							40.73	7.70	33.03		
S-2	04/13/1994												40.73	7.62	33.11		
S-2	07/25/1994	43,000	2,600	490	990	1,300			. 				40.73	7.86	32.87		
S-2	10/10/1994												40.73	8.12	32.61		
S-2	01/26/1995	21,000	790	12	290	570							40.73	6.38	34.35		5.5
S-2	04/21/1995												40.73	7.01	33.72		
S-2	07/28/1995	14,000	2,400	360	960	370							40.73	7.82	32.91		4
S-2	10/31/1995												40.73	7.57	33.16		
S-2	01/10/1996	17,000	1,400	< 50	480	170							40.73	8.13	32.60		7.2
S-2	04/25/1996											~~	40.73	7.72	33.01		
S-2	07/23/1996	16,000	2,700	69	1,100	110	9,500						40.73	8.10	32.63		2.2

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)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2 (D)	07/23/1996	11,000	2,600	68	1,000	96	10,000	11,000					40.73	8.10	32.63		2.2
S-2	12/10/1996												40.73	8.57	32.16		0.5
S-2	02/20/1997	10,000	500	<10	90	130	6,400						40.73	8.15	32.58		4
S-2	05/22/1997												40.73	8.79	31.94		1.1
S-2	08/22/1997	23,000	1,300	65	740	290	4,500		'				40.73	8.05	32.68		3.2
S-2 (D)	08/22/1997	20,000	1,200	<100	630	250	3,900						40.73	8.05	32.68		3.2
S-2	11/03/1997												40.73	8.75	31.98		1.2
S-2	02/20/1998	450	28	1.3	7.4	12	35						40.73	6.34	34.39		0.4
S-2	05/18/1998												40.73	7.95	32.78	'	0.8
S-2	08/20/1998	22,000	290	44	420	410	7,300						40.73	7.73	33.00		1.9
S-2	11/06/1998												40.73	8.47	32.26		
S-2	02/16/1999	27,000	200	<200	770	840	5,400						40.73	7.24	33.49		1.4
S-2	05/28/1999												40.73	7.82	32.91		1.3
S-2	08/24/1999	13,400	196	<25.0	439	113	597						40.73	8.61	32.12		1.2
· S-2	11/16/1999												40.73	8.17	32.56		1.1
S-2	02/02/2000	7,850	176	88.0	134	111	540						40.73	7.57	33.16		1.2
S-2	05/09/2000												40.73	7.94	32.79	'	1.3
S-2	08/03/2000	35,000	255	122	842	224	905	726 b					40.73	8.07	32.66		1.1
S-2	11/15/2000												40.73	8.13	32.60		1.3
S-2	02/14/2001	13,000	147	<25.0	309	54.4	581						40.73	6.39	34.34		1.4
S-2	05/31/2001												40.73	7.21	33.52		1.5
S-2	08/15/2001	15,000	67	4.1	220	33		440					40.73	8.27	32.46		0.6
S-2	12/31/2001							270					40.73	6.07	34.66		0.2
S-2	02/06/2002	15,000	53	2.8	120	31		220					40.73	7.98	32.75		1.8
S-2	06/04/2002												40.73	6.70	34.03		0.2
S-2	07/25/2002	9,000	⁷⁵	4.0	180	24		460					40.63	7.67	32.96		0.9
S-2	11/27/2002	200 Mile 100	AND AND AND										40.63	7.84	32.79		0.7
S-2	01/30/2003	15,000	26	<2.5	92	22		210					40.63	7.29	33.34		15.6
S-2	06/03/2003	17,000	<25	<25	130	< 50		290					40.63	7.87	32.76		5.4
S-2	08/08/2003	4,500	<2.5	<2.5	9.4	< 5.0		140					40.63	8.18	32.45		16.2
S-2	11/13/2003	10,000	18	<10	47	21		180					40.63	7.98	32.65		19.5
S-2	02/04/2004	5,700	54	<10	54	<20		270					40.63	7.21	33.42		>15
S-2	05/12/2004	8,200	18	<10	<10	<20		250				-	40.63	8.07	32.56		3.1
S-2	08/23/2004	4,100	<10	<10	<10	<20		84	<100	<40	<40	<40	40.63	8.52	32.11		10.7
S-2	12/01/2004	2,000	3.4	<2.5	6.2	< 5.0	~~~	77					40.63	8.70	31.93		11.8
S-2	02/07/2005	7,400	32	1.6	29	3.1		210					40.63	7.58	33.05		0.11

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)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	05/02/2005	8,100	84	4.9	83	5.5		320					40.63	7.45	33.18		0.6
S-2	08/04/2005	4,900	48	2.1	19	2.8		330	55	<4.0	<4.0	<4.0	40.63	7.90	32.73		0.4
S-2	11/16/2005	13,700	43.8	2.79	25.1	5.92		156					40.63	8.33	32.30		0.5
S-2	03/02/2006	5,800	44	3.2	20	5.6		190		·			40.63	6.74	33.89		0.63
S-2	05/31/2006	11,100	72.0	4.20	22.4	5.36		308					40.63	7.46	33.17		0.6
S-2	08/29/2006	37,400	72.1	5.08	39.6	6.89		377	46.7	< 0.500	< 0.500	< 0.500	40.63	8.02	32.61		0.70
S-2	12/06/2006	5,000	41	3.2	11	5.2		170					40.63	8.04	32.59		0.5
S-2	01/30/2007	4,200	24	1.7	5.9	2.3		140					40.63	8.08	32.55		0.11
S-2	05/15/2007	8,100 f	48	3.5	19	6.2 g		180					40.63	8.05	32.58		0.11
S-2	08/29/2007	8,400 f	60	3.8	12	4.68 g		270	64	<4.0	<4.0	<4.0	40.63	8.01	32.62		1.02
S-2	11/29/2007	4,100 f	48	4.8 h	11	12.3		280			***		40.63	8.25	32.38		0.55
S-2	02/21/2008	7,300 f	57	4.0	13	4.7		250					40.63	7.25	33.38		0.40
S-2	05/06/2008	8,900	42	3.1	9.8	4.1		270					40.63	6.30	34.34	0.01	0.10/2.0
S-2	08/27/2008	9,400	67	< 5.0	27	6.0		240	67	<10	<10	<10	40.63	8.33	32.30		0.15
S-2	11/24/2008	7,100	55	< 5.0	9.3	< 5.0		210					40.63	8.43	32.20		0.7
S-2	01/28/2009	6,000	29	< 5.0	6.5	< 5.0		130					40.63	8.19	32.44		0.15
S-2	05/26/2009	20,000	52	3.2	13	6.0		330					40.63	7.85	32.78	,	0.43
S-2	11/24/2009	5,200	19	< 2.0	6.8	4.7		120	80	<4.0	<4.0	<4.0	40.63	8.32	32.31		0.18
S-2	05/26/2010	7,500	78	< 5.0	11	< 5.0		330					40.63	7.62	33.01		0.34
S-2	11/30/2010	7,000	32	2.7	4.5	5.0		170	86	<4.0	<4.0	<4.0	40.63	7.74	32.89		0.65
S-2	05/11/2011	13,000	61	4.0	16	7.0		210					40.63	7.60	33.03	·	0.97
S-2	11/28/2011	4,800	31.0	2.65	5.73	7.13		143	<10.0	< 0.500	< 0.500	< 0.500	40.63	7.70	32.93		1.08
S-2	06/05/2012	9,100	71	4.6	16	8.3		280			·		40.63	7.89	32.74		0.88
S-2	11/28/2012	7,600	18	2.1	5.4	4.4		97	47				40.63	7.58	33.05		1.08
S-2	06/04/2013	9,300	52	3.9	11	<5.0		250					40.63	8.15	32.48		1.33
S-3	05/13/1991	3,300	30	3.6	26	13							41.46	7.90	33.56		
S-3	08/23/1991	2,000	25	4.0	9.3	4.5							41.46	8.14	33.32		
S-3	11/07/1991	4,000	20	3.9	5.0	4.9							41.46	7.91	33.55		
S-3	01/28/1992	2,100	21	7.6	6.7	15							41.46	7.53	33.93		
S-3 (D)	01/28/1992	2,100	18	6.1	7.1	14							41.46	7.53	33.93		
S-3	05/06/1992	6,600	38	51	45	65							41.46	7.55	33.91		
S-3	08/26/1992	5,800	18	12	29	60							41.46	7.53	33.93		
S-3	10/28/1992	3,000	55	11	16	32							41.46	7.95	33.51		
S-3	01/19/1993	3,100	<5	5.1	11	16							41.46	6.12	35.34		
S-3	04/29/1993	3,000	31	22	<5	14							41.46	7.27	34.19		

Well ID	Date	TPHg (µg/L)	Β (μg/L)	Τ (μg/L)	E (µg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (μg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	07/22/1993	2,600	3.1	43	23	53							41.46	7.62	33.84		
S-3	10/21/1993	2,500	73	14	16	32							41.46	7.81	33.65		
S-3	01/04/1994	4,800	13	21	<12.5	33							41.46	7.49	33.97		
S-3	04/13/1994												41.46	7.32	34.14		
S-3	07/25/1994	2,600	6.1	4.0	3.8	12							41.46	7.66	33.80		
S-3	10/10/1994	~~~											41.46	7.49	33.97		
S-3	01/26/1995	3,600	30	6.8	5.6	19							41.46	6.50	34.96		
S-3 (D)	01/26/1995	2,200	9.9	15	14	22							41.46	6.50	34.96		
S-3	04/21/1995												41.46	6.79	34.67		
S-3	07/28/1995	3,700	27	9.3	20	34							41.46	7.28	34.18		4
S-3	10/31/1995												41.46	6.74	34.72		
S-3	01/10/1996	4,000	10	< 0.50	13	28							41.46	7.48	33.98		6.1
S-3	04/25/1996												41.46	6.90	34.56		
S-3	07/23/1996	2,100	20	< 0.50	< 0.50	< 0.50	<25						41.46	7.04	34.42		2.1
S-3	12/10/1996										,		41.46	7.96	33.50		0.7
S-3	02/20/1997	3,500	83	< 5.0	18	16	130						41.46	7.44	34.02		3
S-3 (D)	02/20/1997	3,000	69	< 5.0	14	12	70						41.46	7.44	34.02		3
S-3	05/22/1997												41.46	7.13	34.33		0.6
S-3	08/22/1997	4,700	60	12	19	21	40						41.46	6.81	34.65		2.9
S-3	11/03/1997			·									41.46	7.40	34.06		0.9
S-3	02/20/1998	3,400	<10	<10	14	18	85			20.00			41.46	6.55	34.91		0.8
S-3 (D)	02/20/1998	3,100	8.6	7.8	12	16	5 <i>7</i>						41.46	6.55	34.91		0.8
S-3	05/18/1998												41.46	6.81	34.65		0.7
S-3	08/20/1998	4,400	67	23	9.8	22	240						41.46	6.98	34.48		2.2
S-3	11/06/1998												41.46	6.96	34.50		
S-3	02/16/1999	2,000	6.9	6.2	3.7	4.8	47						41.46	6.93	34.53		2.0
S-3	05/28/1999												41.46	6.74	34.72		1.8
S-3	08/24/1999	4,170	54.8	14.2	6.65	13.7	43.4						41.46	9.05	32.41		1.9
S-3	11/16/1999												41.46	7.09	34.37		1.6
S-3	02/02/2000	2,410	133	112	24.9	104	46.0						41.46	6.59	34.87		1.9
S-3	05/09/2000							***			·		41.46	7.13	34.33		1.9
S-3	08/03/2000	3,890	17.2	21.9	<10.0	<10.0	166						41.46	6.82	34.64		1.8
S-3	11/15/2000												41.46	6.98	34.48		1.6
S-3	02/14/2001	2,800	35.8	5.57	3.83	2.94	1,070	1,250					41.46	6.57	34.89		1.1
S-3	05/31/2001												41.46	6.72	34.74		1.6
S-3	08/15/2001	2,700	2.0	0.52	< 0.50	2.0		140					41.46	7.44	34.02		0.6

Well ID	Date	TPHg (µg/L)	Β (μg/L)	Τ (μ g/ L)	E (μg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (µg/L)	DIPE (μg/L)	ETBE (μg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	12/31/2001	2,300	<2.0	<2.0	<2.0	<2.0		470					41.46	6.62	34.84		0.6
S-3	02/06/2002	2,000	2.6	1.6	4.3	7.8		170					41.46	7.22	34.24		2.2
S-3	06/04/2002	2,400	1.0	1.1	0.54	4.5		120					41.46	7.34	34.12		0.5
S-3	07/25/2002	3,100	0.86	< 0.50	< 0.50	2.0		92					41.37	6.98	34.39		1.0
S-3	11/27/2002	2,600	2.0	0.55	< 0.50	2.1		44					41.37	7.62	33.75		0.7
S-3	01/30/2003	1,200	2.1	1.3	1.6	3.4		42				100 MI 100	41.37	7.14	34.23		13.6
S-3	06/03/2003	2,700	2.9	< 0.50	0.50	2.8		43					41.37	7.25	34.12		1.7
S-3	08/08/2003	1,400	2.4	0.71	< 0.50	2.2		32					41.37	7.67	33.70		>20
S-3	11/13/2003	5,200	5.1	2.4	<1.0	5.6		69					41.37	7.56	33.81		19.6
S-3	02/04/2004	2,800	1.9	<1.0	1.0	2.6		20					41.37	7.12	34.25		>15
S-3	05/12/2004	1,900	2.8	<1.0	<1.0	2.2		9.7					41.37	7.94	33.43		4.0
S-3	08/23/2004	1,400	7.6	1.1	<1.0	2.9		13	<10	<4.0	<4.0	<4.0	41.37	8.09	33.28		13.3
S-3	12/01/2004	950	1.9	<1.0	<1.0	< 2.0		5.6					41.37	8.21	33.16		13.0
S-3	02/07/2005	1,800	1.4	<1.0	<1.0	2.1		9.9					41.37	7.69	33.68		0.25
S-3	05/02/2005	4,000	2.3	1.1	1.6	3.0		9.9					41.37	7.20	34.17		0.5
S-3	08/04/2005	3,600	2.1	<1.0	< 2.0	3.6		8.5	33	<4.0	<4.0	<4.0	41.37	8.14	33.23		0.2
S-3	11/16/2005	6,000	2.24	0.800	0.660	3.35		3.83					41.37	8.39	32.98	~~~	0.6
S-3	03/02/2006	1,500	1.3	< 0.50	0.57	2.0		5.1					41.37	7.09	34.28		0.52
S-3	05/31/2006	5,560	1.71	0.730	1.24	3.89		8.01 e					41.37	7.95	33.42		0.5
S-3	08/29/2006	4,850	1.82	0.680	1.19	2.22		3.16	<10.0	< 0.500	< 0.500	< 0.500	41.37	6.35	35.02		0.88
S-3	12/06/2006	2,900	1.1	< 0.50	< 0.50	2.2		< 0.50					41.37	8.41	32.96		0.3
S-3	01/30/2007	2,100	1.0	< 0.50	0.53	1.8		5.7					41.37	8.31	33.06		0.36
S-3	05/15/2007	3,500 f	1.1	0.51 g	0.76 g	2.38 g		8.0					41.37	7.60	33.77		0.11
S-3	08/29/2007	<50 f	1.5	0.48 g	0.50 g	2.81 g		<1.0	<10	< 2.0	<2.0	< 2.0	41.37	8.64	32.73		0.57
S-3	11/29/2007	3,800 f	1.8	0.80 g,h	0.65 g	3.34 g		5.9	~~~		<u>:</u>		41.37	8.36	33.01		0.22
S-3	02/21/2008	2,900 f	0.60	<1.0	<1.0	1.2		5.0					41.37	7.35	34.02		0.44
S-3	05/06/2008	2,400	1.2	<1.0	<1.0	1.7		<1.0					41.37	8.00	33.37		0.2/1.4
S-3	08/27/2008	3,100	1.5	<1.0	<1.0	2.3		<1.0	<10	< 2.0	< 2.0	<2.0	41.37	8.56	32.81		0.13
S-3	11/24/2008	2,900	1.5	<1.0	<1.0	2.2		<1.0					41.37	8.71	32.66		0.32
S-3	01/28/2009	3,900	1.4	<1.0	<1.0	2.2		<1.0					41.37	8.22	33.15		0.48
S-3	05/26/2009	3,600	1.1	<1.0	<1.0	1.5		5.2					41.37	8.23	33.14		1.54
S-3	11/24/2009	2,200	0.98	<1.0	<1.0	1.7		<1.0	<10	< 2.0	<2.0	<2.0	41.37	8.71	32.66		0.42
S-3	05/26/2010	2,800	1.0	<1.0	<1.0	2.4		7.8					41.37	7.80	33.57		0.32
S-3	11/30/2010	3,800	0.94	<1.0	<1.0	1.9		4.5	<10	<2.0	<2.0	< 2.0	41.37	7.65	33.72		0.87
S-3	05/11/2011	3,000	0.77	0.51	< 0.50	1.8		7.4					41.37	8.01	33.36		0.80
S-3	11/28/2011	1,800	0.720	0.500	< 0.500	2.51		4.20	<10.0	< 0.500	< 0.500	< 0.500	41.37	7.84	33.53		0.73

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Well ID	Date	TPHg (µg/L)	B (µg/L)	Τ (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)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	06/05/2012	2,700	< 0.50	< 0.50	< 0.50	1.2		5.9					41.37	8.30	33.07		0.65
S-3	11/28/2012	3,000	1.1	0.56	0.59	1.4		< 0.50	<10				41.37	7.40	33.97		1.21
S-3	06/04/2013	4,600	<1.0	<1.0	1.9	2.2		<1.0					41.37	8.44	32.93		0.89
S-4	05/13/1991	< 50	< 0.50	< 0.50	< 0.50	< 0.50							41.10	7.44	33.66		
S-4	08/23/1991	< 50	< 0.50	< 0.50	< 0.50	< 0.50							41.10	8.32	32.78		
S-4	11/07/1991	260	< 0.50	< 0.50	< 0.50	< 0.50							41.10	8.32	32.78		
S-4	01/28/1992	110 d	< 0.50	< 0.50	< 0.50	< 0.50							41.10	7.40	33.70		
S-4	05/06/1992	54	< 0.50	< 0.50	< 0.50	< 0.50							41.10	7.21	33.89		
S-4	08/26/1992	67	< 0.50	< 0.50	< 0.50	< 0.50							41.10	8.13	32.97		
S-4	10/28/1992	< 50	< 0.50	< 0.50	< 0.50	< 0.50							41.10	8.73	32.37		
S-4	01/19/1993	86	1.2	0.70	2.7	15							41.10	5.86	35.24		
S-4	04/29/1993	< 50	< 0.50	< 0.50	< 0.50	< 0.50							41.10	7.02	34.08		
S-4 (D)	04/29/1993	< 50	< 0.50	< 0.50	< 0.50	< 0.50							41.10	7.02	34.08		
S-4	07/22/1993	< 50	< 0.50	< 0.50	< 0.50	< 0.50							41.10	7.76	33.34		
S-4	10/21/1993	< 50	< 0.50	< 0.50	< 0.50	< 0.50							41.10	8.53	32.57		
S-4	01/04/1994	< 50	< 0.50	< 0.50	< 0.50	< 0.50							41.10	7.92	33.18		
S-4	04/13/1994												41.10	7.71	33.39		
S-4	07/25/1994												41.10	7.82	33.28		
S-4	10/10/1994												41.10	8.15	32.95		
S-4	01/26/1995	< 50	< 0.50	< 0.50	< 0.50	< 0.50							41.10	5.73	35.37		
S-4	04/21/1995												41.10	6.26	34.84		
S-4	07/28/1995												41.10	7.80	33.30		
S-4	10/31/1995										'		41.10	8.45	32.65		
S-4	01/10/1996	< 50	1.0	2.8	< 0.50	2.1							41.10	8.26	32.84		2.8
S-4	04/25/1996			· 									41.10	7.14	33.96		
S-4	07/23/1996	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						41.10	8.18	32.92	·	3.8
S-4	12/10/1996												41.10	7.04	34.06		3.9
S-4	02/20/1997	< 50	< 0.50	< 0.50	< 0.50	< 0.50	6.7						41.10	7.07	34.03		5
S-4	05/22/1997												41.10	6.63	34.47		0.8
S-4	08/22/1997												41.10	7.69	33.41		3.7
S-4	11/03/1997												41.10	8.26	32.84		1.3
S-4	02/20/1998	130	6.9	4.6	5.2	17	2.8						41.10	5.57	35.53		1.8
S-4	05/18/1998												41.10	7.13	33.97		1.4
S-4	08/20/1998						·						41.10	7.77	33.33		4.0
S-4	11/06/1998												41.10	7.85	33.25		

Well ID	Date	TPHg (µg/L)	B (µg/L)	Τ (μg/L)	E (µg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4	02/16/1999	< 50	< 0.50	< 0.50	< 0.50	< 0.50	23						41.10	6.51	34.59		3.6
S-4	05/28/1999												41.10	7.00	34.10		3.2
S-4	08/24/1999												41.10	9.13	31.97		1.9
S-4	11/16/1999												41.10	7.79	33.31		1.7
S-4	02/02/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 5.00						41.10	7.19	33.91		1.9
S-4	05/09/2000												41.10	7.51	33.59		1.8
S-4	08/03/2000												41.10	7.83	33.27		1.9
S-4	11/15/2000	'											41.10	7.69	33.41		1.5
S-4	02/14/2001	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50						41.10	6.20	34.90		1.6
S-4	05/31/2001												41.10	6.56	34.54		1.6
S-4	08/15/2001									~~~			41.10	7.90	33.20		0.6
S-4	12/31/2001									:			41.10	5.62	35.48		2.7
S-4	02/06/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0					41.10	7.29	33.81		0.2
S-4	06/04/2002												41.10	7.45	33.65		0.6
S-4	07/25/2002												41.04	7.39	33.65		0.8
S-4	11/27/2002												41.04	7.60	33.44		
S-4	01/30/2003	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0					41.04	8.45	32.59		
S-4	06/03/2003										·		41.04	6.82	34.22		
S-4	08/08/2003												41.04	7.36	33.68		
S-4	11/13/2003												41.04	7.56	33.48		
S-4	02/04/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					41.04	6.47	34.57		
S-4	05/12/2004												41.04	7.10	33.94		
S-4	08/23/2004												41.04	7.60	33.44		
S-4	12/01/2004												41.04	7.23	33.81		
S-4	02/07/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					41.04	6.12	34.92		
S-4	05/02/2005												41.04	6.50	34.54		
S-4	08/04/2005												41.04	7.13	33.91		
S-4	11/16/2005												41.04	7.43	33.61		
S - 4	03/02/2006	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 0.50					41.04	6.05	34.99		
S-4	05/31/2006							·					41.04	6.64	34.40		
S-4	08/29/2006												41.04	7.25	33.79		
S-4	12/06/2006												41.04	7.39	33.65		
S-4	01/30/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50			ar ar no		41.04	7.24	33.80		
S-4	05/15/2007									`			41.04	6.60	34.44		
S-4	08/29/2007												41.04	7.42	33.62		
S-4	11/29/2007												41.04	7.22	33.82		

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)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4	02/21/2008	<50 f	< 0.50	<1.0	<1.0	<1.0		<1.0					41.04	6.20	34.84		
S-4	05/06/2008												41.04	7.19	33.85		
S-4	08/27/2008												41.04	7.52	33.52		= ~ ~
S-4	11/24/2008												41.04	7.73	33.31		
S-4	01/28/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0					41.04	7.21	33.83	·	
S-4	05/26/2009												41.04	6.95	34.09		
S-4	11/24/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0					41.04	7.43	33.61		
S-4	05/26/2010												41.04	6.68	34.36		
S-4	11/30/2010	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0					41.04	6.87	34.17		
S-4	05/11/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0					41.04	6.90	34.14		
S-4	11/28/2011	< 50	< 0.500	< 0.500	< 0.500	< 0.500		4.76					41.04	7.00	34.04		
S-4	06/05/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					41.04	7.11	33.93		
S-4	11/28/2012												41.04	6.89	34.15		
S-4	11/29/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					41.04				
S-4	06/04/2013	<50	<0.50	<0.50	<0.50	<1.0		<0.50					41.04	7.40	33.64		
S-5	05/13/1991			***									39.99	14.60	30.57	6.48	
S-5	08/23/1991												39.99	15.14	29.25	5.50	
S-5	11/07/1991					*****							39.99	15.10	29.17	5.35	
S-5	01/28/1992												39.99	14.05	29.86	4.90	
S-5	05/06/1992												39.99	14.31	30.21	5.66	
S-5	08/26/1992												39.99	14.26	28.77	3.80	
S-5	10/28/1992												39.99	14.22	28.82	3.81	
S-5	01/19/1993												39.99	12.36	30.80	3.96	
S-5	04/29/1993												39.99	9.64	31.07	0.90	
S-5	07/22/1993												39.99	9.55	31.16	0.90	
S-5	10/21/1993												39.99	11.23	29.34	0.73	
S-5	01/04/1994												39.99	11.69	29.82	1.90	
S-5	04/13/1994												39.99	11.42	29.87	1.62	
S-5	07/25/1994		-										39.99	12.01	29.41	1.79	
S-5	10/10/1994												39.99	12.05	29.38	1.80	
S-5	01/26/1995												39.99	8.42	32.95	1.72	
S-5	04/21/1995												39.99	10.03	30.90	1.17	
S-5	07/28/1995												39.99	11.42	30.07	1.87	
S-5	10/31/1995												39.99	13.21	27.21	0.54	
S-5	01/10/1996												39.99	12.05	28.04	0.13	

Well ID	Date	ТРНд	B	T	E	X	MTBE 8020	MTBE 8260	TBA	DIPE	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (111g/L)
		(μg/L)	(µg/L)	(µg/L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)	(µg/L)	(µg/L)	(JIMSL)	() (TOC)	() i MSL)	()1)	(mg/L)
S-5	04/25/1996										·		39.99	9.68	30.33	0.03	
S-5	07/23/1996												39.99	9.82	30.20	0.04	
S-5	12/10/1996	270,000	8,800	29,000	5,200	37,000	<2,500						39.99	9.10	30.91	0.03	
S-5 (D)	12/10/1996	400,000	9,200	32,000	7,200	50,000	<2,500						39.99	9.10	30.91	0.03	
S-5	02/20/1997	88,000	2,000	11,000	1,600	19,000	< 500						39.99	8.93	31.06		5
S-5	05/22/1997												39.99	10.07	29.94	0.02	
S-5	08/22/1997												39.99	10.24	29.77	0.02	
S-5	11/03/1997												39.99	10.91	29.10	0.02	
S-5	02/20/1998												39.99	7.81	32.20	0.03	
S-5	05/18/1998												39.99	9.64	30.37	0.02	
S-5	05/31/2001												39.99	10.13	29.86		
S-6	05/13/1991	13,000	600	140	210	310							40.12	7.82	32.30		
S-6	08/23/1991	9,800	480	80	120	150							40.12	9.58	30.54		
S-6	11/07/1991	6,200	240	23	25	27							40.12	10.86	29.26		
S-6	01/28/1992	5,600	250	15	41	36							40.12	8.97	31.15		
S-6	05/06/1992	7,100	330	29	110	210							40.12	8.27	31.85		
S-6	08/26/1992	13,000	240	< 50	56	780				~~~			40.12	9.57	31.55		
S-6	10/28/1992	10,000	470	210	67	170							40.12	8.90	32.22		
S-6	01/19/1993	4,800	100	26	27	45							40.12	4.84	35.28		
S-6	04/29/1993	7,000	430	20	<12.5	42							40.12	5.61	34.51		
S-6	07/22/1993	5,800	260	120	65	150							40.12	6.56	33.56		
S-6	10/21/1993	5,500	270	69	120	140							40.12	8.73	31.39		
S-6	01/04/1994	7,100	180	58	63	62							40.12	7.14	32.98		
S-6	04/13/1994												40.12	7.21	32.91		
S-6	07/25/1994	12,000	190	52	30	39							40.12	6.85	33.27		
S-6 (D)	07/25/1994	7,200	170	32	31	34							40.12	6.85	33.27		
S-6	10/10/1994												40.12	6.20	33.92		
S-6	01/26/1995	5,800	120	23	24	44							40.12	4.89	35.23		
S-6	04/21/1995					·							40.12	5.61	34.51		
S-6	07/28/1995	4,400	210	23	34	60							40.12	5.30	34.82		3
S-6 (D)	07/28/1995	6,100	230	20	38	59							40.12	5.30	34.82		. 3
S-6	10/31/1995												40.12	4.98	35.14		
S-6	01/10/1996	6,800	170	87	35	105					-		40.12	5.67	34.45		2.2
S-6 (D)	01/10/1996	7,800	230	120	50	210							40.12	5.67	34.45		2.2
S-6	04/25/1996			·									40.12	5.23	34.89		

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)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-6	07/23/1996	2,600	170	< 0.50	< 0.50	8.5	<25						40.12	5.40	34.72		1.4
S-6	12/10/1996												40.12	6.68	33.44		0.7
S-6	02/20/1997	6,300	160	7.7	14	31	77	·					40.12	5.70	34.42	J	2
S-6	05/22/1997												40.12	5.49	34.63		0.9
S-6	08/22/1997	6,200	160	26	15	27	49						40.12	5. <i>7</i> 1	34.41		2.8
S-6	11/03/1997												40.12	6.15	33.97		1.4
S-6	02/20/1998	4,100	150	<10	<10	15	55						40.12	5.25	34.87		0.4
S-6	05/18/1998					· · · · · · · · · · · · · · · · · · ·	***						40.12	5.69	34.43		0.4
S-6	08/20/1998	7,800	240	38	16	39	110						40.12	6.04	34.08		1.5
S-6 (D)	08/20/1998	8,400	270	30	19	31	130						40.12	6.04	34.08		1.5
S-6	11/06/1998												40.12	6.10	34.02		
S-6	02/16/1999	6,000	190	19	14	20	<2.5						40.12	5.84	34.28		1.7
S-6	05/28/1999			~~-									40.12	9.51	30.61		1.9
S-6	08/24/1999	6,870	193	32.1	18.8	36.4	<25.0	·					40.12	8.29	31.83		2.7
S-6	11/16/1999			~~~									40.12	5.93	34.19		2.6
S-6	02/02/2000	2,310	164	122	28.6	133	63.1						40.12	5.33	34.79		2.6
S-6	05/09/2000								·				40.12	6.41	33.71		2.4
S-6	08/03/2000	5,600	188	27.4	<10.0	25.2	174						40.12	5.84	34.28		2.7
S-6	11/15/2000												40.12	5.58	34.54		2.3
S-6	02/14/2001	6,140	126	13.2	8.01	18.0	205						40.12	5.50	34.62		1.3
S-6	05/31/2001												40.12	5.52	34.60		1.2
S-6	08/15/2001	6,000	160	9.1	5.8	24		51					40.12	6.04	34.08		0.4
S-6	12/31/2001	6,900	120	12	6.6	24		44					40.12	5.52	34.60		0.4
S-6	02/06/2002	4,300	110	7.3	4.8	18		39					40.12	6.34	33.78		0.5
S-6	06/04/2002	4,300	140	8.4	4.9	22		26					40.12	6.19	33.93		0.4
S-6	07/25/2002	3,900	140	9.0	5.5	23		31					39.92	6.05	33.87		0.7
S-6	11/27/2002	5,200	160	9.6	4.9	24		26					39.92	6.26	33.66		
S-6	01/30/2003	4,700	200	9.6	5.5	25		30					39.92	5.73	34.19		
S-6	06/03/2003	3,900	160	10	<10	25		30				:	39.92	5.52	34.40		
S-6	08/08/2003	2,900	150	8.8	3.6	18		18					39.92	6.14	33.78		'
S-6	11/13/2003	8,300	220	19	11	35		28					39.92	5.85	34.07		
S-6	02/04/2004	7,400	310	17	10	31		30					39.92	5.51	34.41		
S-6	05/12/2004	4,000	230	10	5.5	24		21					39.92	6.10	33.82		
S-6	08/23/2004	6,000	260	16	9.0	32		19					39.92	6.38	33.54		
S-6	12/01/2004	9,600	280	23	11	47		24					39.92	6.41	33.51		
S-6	02/07/2005	7,100	300	14	8.4	35		21			. ===		39.92	5.94	33.98		

Well ID	Date	TPHg (μg/L)	Β (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)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (111g/L)
S-6	05/02/2005	6,100	250	12	8.1	30		16					39.92	5.90	34.02		
S-6	08/04/2005	5,200	180	13	8.0	31		15					39.92	6.67	33.25		•
S-6	11/16/2005	9,950	147	15.3	9.82	32.3		10.8					39.92	6.64	33.28		
S-6	03/02/2006	2,400	72	9.2	7.0	21		6.4					39.92	5.92	34.00		
S-6	05/31/2006	9,460	182	13.6	8.80	33.5		11.4 e					39.92	6.28	33.64		
S-6	08/29/2006	8,840	108	26.6	12.4	37.7		10.1					39.92	7.19	32.73		
S-6	12/06/2006	4,900	130	17	8.2	35		9.4					39.92	7.06	32.86		
S-6	01/30/2007	4,500	100	22	. 12	38		8.1					39.92	6.94	32.98		
S-6	05/15/2007	6,900 f	120	9.2	6.7	27.6	~~	6.4					39.92	6.30	33.62		
S-6	08/29/2007	9,300 f	110	30	14	52		6.4	< 50	5.3 g	<10	<10	39.92	7.27	32.65		
S-6	11/29/2007	4,300 f	110	19 h	14	53		8.7		·			39.92	6.87	33.05		
S-6	02/21/2008	5,600 f	110	8.6	5.0	28.3		6.4				·	39.92	5.75	34.17		
S-6	05/06/2008	5,900	110	12	7.5	30.1		<1.0					39.92	6.60	33.32		
S-6	08/27/2008	6,200	58	15	7.0	27.9		< 2.0					39.92	7.40	32.52		
S-6	11/24/2008	6,100	80	20	12	40		< 2.0					39.92	7.30	32.62		
S-6	11/24/2008	6,100	80	20	12	40		< 2.0					39.92	7.30	32.62		
S-6	01/28/2009	5,300	80	10	6.3	26		<1.0		· · ·	·		39.92	6.61	33.31		
S-6	05/26/2009	6,600	130	6.6	4.4	21		4.9					39.92	6.70	33.22		
S-6	11/24/2009	6,200	69	13	8.4	32		4.5					39.92	7.03	32.89		
S-6	05/26/2010	5,100	130	8.3	4.8	27		6.1					39.92	6.24	33.68	·	
S-6	11/30/2010	5,500	74	10	6.2	32		5.6					39.92	6.12	33.80		
S-6	05/11/2011	8,900	73	7.8	6.8	31		4.2					39.92	6.30	33.62		
S-6	11/28/2011	3,300	74.1	7.49	5.33	30.0		4.17					39.92	6.45	33.47		
S-6	06/05/2012	5,000	78	11	8.6	38		4.5	·				39.92	6.71	33.21		
S-6	11/28/2012												39.92	5.92	34.00		
S-6	11/29/2012	5,800	64	7.1	5.1	26		< 5.0					39.92				
S-6	06/04/2013	8,300	96	12	8.2	42		<2.5					39.92	6.86	33.06		
			0 = 0		.0.50	-0.50							40.10	10.56	29.54		
S-7	05/13/1991	<50	<0.50	<0.50	<0.50	< 0.50							40.10		28.94		
S-7	08/23/1991	<50	< 0.50	<0.50	< 0.50	< 0.50							40.10	11.16			
S-7	11/07/1991	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	11.48	28.62		
S-7	01/28/1992	<50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	10.72	29.38		
S-7	05/06/1992	<50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	10.34	29.76		
S-7	08/26/1992	160	< 0.50	< 0.50	< 0.50	< 0.50							40.10	11.13	28.97		
S-7	10/28/1992	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	11.52	28.58		
S-7	01/19/1993	50	1.1	0.60	1.9	9.2							40.10	8.68	31.42		

Well ID	Date	TPHg (μg/L)	B (µg/L)	T (µg/L)	E (μg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (µg/L)	DIPE (μg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	04/29/1993	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	9.90	30.20		
S-7	07/22/1993	Well inacc	cessible										40.10		ar an m		
S-7	10/21/1993	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	11.10	29.00		
S-7	01/04/1994	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	10.40	29.70	'	
S-7	04/13/1994	< 50	1.4	0.61	< 0.50	0.64							40.10	10.20	29.90		
S-7 (D)	04/13/1994	< 50	1.4	0.61	< 0.50	0.66							40.10	10.20	29.90		
S-7	07/25/1994	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	10.48	29.62		
S-7 a	10/10/1994	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	10.64	29.46		
S-7	01/26/1995	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	7.75	32.35		4.6
S-7	04/21/1995	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	8.51	31.59		
S-7	07/28/1995	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	10.20	29.90		3
S-7	10/31/1995	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	10.86	29.24		4.9
S-7	01/10/1996	< 50	< 0.50	2.0	< 0.50	2.6							40.10	10.33	29.77		7.6
S-7	04/25/1996	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						40.10	9.13	30.97		6.2
S-7	07/23/1996	< 50	< 0.50	< 0.50	< 0.50	<0.50	14						40.10	10.18	29.92		3.7
S-7	12/10/1996	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						40.10	9.04	31.06		4.6
S-7	02/20/1997	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						40.10	9.60	30.50		5
S-7	05/22/1997	< 50	1.3	< 0.50	< 0.50	< 0.50	5.5						40.10	10.63	29.47		0.8
S-7	08/22/1997	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						40.10	10.95	29.15		2.6
S-7	11/03/1997	< 50	2.2	1.7	0.58	3.4	<2.5						40.10	11.29	28.81		2.6
S-7	02/20/1998	350	23	13	14	42	3.8						40.10	7.73	32.37		4.6
S-7	05/18/1998	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						40.10	10.29	29.81		4.4
S-7	08/20/1998	Well inacc	essible										40.10	11.00	29.10		5.4
S-7	11/06/1998	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						40.10	11.19	28.91		5.2
S-7	02/16/1999	Well inacc	cessible										40.10				
S-7	05/28/1999	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 5.00						40.10	9.76	30.34		2.7
S-7	08/24/1999	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50						40.10	10.61	29.49		2.1
S-7	11/16/1999	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	3.68						40.10	10.90	29.20		2.3
S-7	02/02/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 5.00						40.10	10.30	29.80		2.1
S-7	05/09/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50						40.10	10.25	29.85		2.7
S-7	08/03/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50						40.10	10.65	29.45		2.5
S-7	11/15/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50						40.10	10.53	29.57		4.6
S-7	02/14/2001	Well inacc	cessible										40.10				
S-7	05/31/2001	< 50	< 0.50	< 0.50	< 0.50	0.77		4.6					40.10	9.46	30.64		2.1
S-7	08/15/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0					40.10	10.93	29.17		2.0
S-7	12/31/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		6.0	may been page				40.10	9.14	30.96		3.0

Well ID	Date	TPHg (µg/L)	Β (μg/L)	Τ (μg/L)	E (μg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (μg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	02/06/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0					40.10	8.61	31.49		3.2
S-7	06/04/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0					40.10	10.41	29.69		0.9
S-7	07/25/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0			~~~		39.91	10.37	29.54		1.1
S-7	11/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0					39.91	10.52	29.39		
S-7	01/30/2003	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0					39.91	9.38	30.53		
S-7	06/03/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		0.72					39.91	10.18	29.73		
S-7	08/08/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.91	10.43	29.48		
S-7	11/13/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.91	10.39	29.52		
S-7	02/04/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.91	9.17	30.74		
S-7	05/12/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.91	10.20	29.71		
S-7	08/23/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72 c	10.53	29.19		
S-7	12/01/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72	10.36	29.36		
S-7	02/07/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72	8.78	30.94		
S-7	05/02/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72	9.46	30.26	'	
S-7	08/04/2005	Well pave	d over														
S-8	05/10/2004											·	40.52	10.85	29.67		
S-8	05/12/2004	<1,300	<13	<13	<13	<25		2,500					40.52	10.95	29.57		
S-8	08/23/2004	1,300	15	<13	<13	<25		2,500	570	< 50	< 50	< 50	40.52	11.40	29.12		
S-8	12/01/2004	1,400 d	<13	<13	<13	<25		2,700					40.52	11.10	29.42		
S-8	02/07/2005	6,400	240	27	290	100		370					40.52	10.22	30.30		
S-8	05/02/2005	6,300	160	25	200	74		190			·		40.52	10.05	30.47		
S-8	08/04/2005	2,500	130	7.5	< 6.0	14		290	92	<8.0	<8.0	<8.0	40.52	10.88	29.64		
S-8	11/16/2005	27,700	43.2	4.36	637	1,200		638					40.52	11.28	29.24		
S-8	03/02/2006	9,900	160	13	490	530		110					40.52	8.85	31.67		
S-8	05/31/2006	14,300	270	53.1	283	246		102 e					40.52	10.34	30.18		
S-8	08/29/2006	14,700	107	9.42	196	195		278	36.1	< 0.500	< 0.500	< 0.500	40.52	11.17	29.35		
S-8	12/06/2006	7,800	150	8.6	120	110		200					40.52	11.21	29.31		
S-8	01/30/2007	7,500	220	18	180	96		170					40.52	10.72	29.80		
S-8	05/15/2007	9,600 f		24	160	112		130					40.52	10.50	30.02		
S-8	08/29/2007												40.52	11.44	29.11	0.04	
S-8	08/30/2007	6,100 f	35	2.7	140	234		170	820	<4.0	<4.0	<4.0	40.52	11.37	29.25	0.13	
S-8	09/25/2007												40.52	11.56	29.22	0.32	
S-8	10/29/2007												40.52	11.23	29.50	0.26	
S-8	11/29/2007												40.52	11.08	29.60	0.20	
S-8	12/11/2007												40.52	10.61	30.03	0.15	

Well ID	Date	TPHg (µg/L)	B (µg/L)	Τ (μg/L)	Ε (μg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (μg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-8	01/24/2008												40.52	9.61	30.97	0.08	
S-8	02/21/2008												40.52	9.11	31.43	0.03	
S-8	03/20/2008												40.52	10.22	30.40	0.12	
S-8	04/30/2008												40.52	10.91	29.67	0.07	
S-8	05/06/2008												40.52	10.50	30.05	0.04	
S-8	06/04/2008												40.52	11.34	29.24	0.07	
S-8	07/29/2008												40.52	11.83	28.71	0.03	
S-8	08/27/2008							·					40.52	11.40	29.14	0.03	
S-8	09/30/2008								<u>-</u>				40.52	12.08	28.46	0.03	
S-8	10/31/2008												40.52	11.35	29.37	0.25	
S-8	11/24/2008												40.52	10.79	29.89	0.20	
S-8	12/30/2008												40.52	8.90	31.75	0.16	
S-8	01/14/2009												40.52	9.87	30.83	0.22	
S-8	01/28/2009												40.52	9.52	31.10	0.13	
S-8	03/31/2009												40.52	8.56	32.11	0.19	
S-8	04/21/2009												40.52	8.90	31.75	0.16	
S-8	05/26/2009												40.52	9.04	31.57	0.11	
S-8	06/30/2009												40.52	10.28	30.32	0.10	
S-8	07/23/2009												40.52	10.37	30.25	0.13	
S-8	08/31/2009												40.52	10.78	29.80	0.08	
S-8	11/24/2009												40.52	9.73	30.84	0.06	
S-8	05/26/2010	59,000	150	32	2,100	4,400		78					40.52	7.59	32.93	0.00	'
S-8	11/30/2010												40.52	8.34	32.23	0.06	
S-8	02/10/2011												40.52	8.28	32.30	0.08	
S-8	05/11/2011				•								40.52	8.39	32.15	0.02	·
S-8	08/10/2011				-								40.52	8.72	31.81	0.01	
S-8	11/28/2011	25,000	169	11.8	874	1,170		101	<10.0	< 0.500	< 0.500	< 0.500	40.52	8.97	31.55		
S-8	02/28/2012												40.52	8.64	31.88		
S-8	06/05/2012	32,000	160	15	600	660		75					40.52	9.63	30.89		-
S-8	08/29/2012												40.52	10.39	30.15	0.03	
S-8	11/28/2012												40.52	6.74	33.79	0.01	
S-8	11/29/2012	14,000	120	5.9	280	290		85	< 50				40.52				
S-8	02/15/2013									and seed			40.52	8.69	31.83		
S-8	06/04/2013	15,000	170	<25	250	200	· 	63					40.52	9.80	30.72		
S-9	05/10/2004												39.72	10.34	29.38		

V	Vell ID	Date	TPHg (µg/L)	Β (μg/L)	Τ (μg/L)	Ε (μg/L)	Χ (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (μg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (μg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)	
	S-9	05/12/2004	<50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50				,	39.72	10.42	29.30			
	S-9	08/23/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72	11.32	28.40			
	S-9	12/01/2004	Unable to	locate										39.72		~~=			
	S-9	02/07/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72	8.74	30.98			
	S-9	05/02/2005	Well inacc	essible										39.72					
	S-9	08/04/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72	8.79	30.93			
	S-9	11/16/2005	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500					39.72	10.30	29.42			
	S - 9	03/02/2006	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 0.50					39.72	5.86	33.86			
	S-9	05/31/2006	< 50.0	< 0.500	< 0.500	< 0.500	0.540		< 0.500					39.72	9.85	29.87			
	S-9	08/29/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500					39.72	10.75	28.97			
	S-9	12/06/2006	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72	10.60	29.12			
	S-9	01/30/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72	10.45	29.27			
	S-9	05/15/2007	61 d,f	< 0.50	<1.0	<1.0	<1.0		<1.0					39.72	10.15	29.57			
	S-9	08/29/2007	71 f	< 0.50	<1.0	1.3	2.1		<1.0	<10	<2.0	<2.0	<2.0	39.72	10.96	28.76			
	S-9	11/29/2007	Well inacc	essible										39.72					
	S-9	02/21/2008	<50 f	< 0.50	<1.0	<1.0	<1.0		<1.0					39.72	7.36	32.36			
	S-9	05/06/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0					39.72	10.49	29.23			
	S-9	08/27/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0					39.72	11.19	28.53			
	S-9	11/24/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0		AND 100 AND	·		39.72	10.91	28.81			
	S-9	01/28/2009	Well inacc	essible							~~			39.72					
	S-9	05/26/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0					39.72	10.20	29.52			
	S-9	11/24/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0					39.72	10.52	29.20			
	S-9	05/26/2010	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0			~~~		39.72	7.09	32.63			
	S-9	11/30/2010	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0					39.72	7.42	32.30			
	S-9	05/11/2011	Well inacc	essible										39.72					
	S-9	11/28/2011	Well inacc	essible										39.72					
	S-9	12/02/2011	< 50	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500					39.72	8.80	30.92			
	S-9	06/05/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72	10.17	29.55		·	
	S-9	11/28/2012												39.72	5.58	34.14			
	S-9	11/29/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50					39.72					
	S-9	06/04/2013	< 50	< 0.50	< 0.50	< 0.50	<1.0	,	<0.50					39.72	10.42	29.30			

Notes:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8015 unless otherwise noted.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether analyzed by method noted

							MTBE	MTBE						Depth to	GW	SPH	DO
Well ID	Date	ТРНд	\boldsymbol{B}	T	\boldsymbol{E}	\boldsymbol{X}	8020	8260	TBA	DIPE	ETBE	TAME	TOC	Water	Elevation	Thickness	Reading
		(μg/L)	(μg/L)	(μg/L)	(μg/L)	(μ g/ L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)	(ft MSL)	(ft TOC)	(ft MSL)	(ft)	(mg/L)

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

TOC = Top of casing elevation, in feet relative to mean sea level

SPH = Separate-phase hydrocarbon

GW = Groundwater

DO = Dissolved oxygen

 μ g/L = Micrograms per liter

ft = Feet

MSL = Mean sea level

mg/L = Milligrams per liter

<x = Not detected at reporting limit x

--- = Not analyzed or not available

(D) = Duplicate sample

- a = Sample analyzed for total dissolved solids (450 mg/L).
- b = Concentration is an estimated value above the linear quantitation range.
- c = TOC lowered 0.19 feet due to wellhead maintenance.
- d = Hydrocarbon reported does not match the laboratory standard.
- e = Secondary ion abundances were outside method requirements. Identification based on analytical judgment.
- f = Analyzed by EPA Method 8015B (M).
- g = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
- h = Analyte was present in the associated method blank.

When SPHs are present, GW elevation is adjusted using the relation:

Corrected GW elevation = TOC - depth to water + (0.8 x hydrocarbon thickness).

Since April 2002 well S-5 has been monitored by Arco.

Prior to July 25, 2002 depth to water referenced to top of well box.

Site wells surveyed January 9, 2002 by Virgil Chavez Land Surveying

Wells S-8 and S-9 surveyed May 11, 2004 by Virgil Chavez Land Surveying

APPENDIX A

BLAINE TECH SERVICES, INC. - FIELD NOTES

WELL GAUGING DATA

Project # <u>/30</u>	2/5-MM2 Date 2-	15-13	Client Shell	
		-		

Site <u>999</u>	San	Pablo	Ave	Albany	, cA
		•		· · · · · · · · · · · · · · · · · · ·	,

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft)	Volume of Immiscibles Removed (ml)		Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
5-8	1015	4	CDOR	NO PRODUCT DETECTED				15.65		
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SHELL WELL MONITORING DATA SHEET

BTS #: 130215-MMZ	Site: 999 San Pablo Ave Albany, CA					
Sampler: MM	Date: 2-15-13					
Well I.D.: \$-8	Well Diameter: 2 3 4 6 8					
Total Well Depth (TD): 15,65	Depth to Water (DTW): 8,69					
Depth to Free Product: NO PRODUCT DETECTED	Thickness of Free Product (feet):					
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH					
DTW with 80% Recharge [(Height of Wate	Column x 0.20) + DTW]:					
Purge Method: Bailer Disposable Bailer Positive Air Displacement Extr Electric Submersible Other (Gals.) X	Other: Well Diameter Multiplier Well Diameter Multiplier 1" 0.04 4" 0.65 2" 0.16 6" 1.47%					
1 Case Volume Specified Volumes Calculated \	70lume 3" 0.37 Other radius ² * 0.163					
Time Temp (°F) pH Cond. (mS or μS)	Turbidity (NTUs) Gals. Removed Observations					
* REMOVED 2 SOCKS FROM WE	14: TOTAL WEIGHT 0.75 Kg (1.64165)					
* InstALLED 2 SOCKS INTO WE	4: TOTAL WEIGHT 0,31Kg (0.68165)					
* NO PRODUCT DETECTED W						
* W W DESPOSABLE BAILER	 					
Did well dewater? Yes No	Gallons actually/evacuated:					
Sampling Date: Sampling Tir	e: Depth to Water:					
Sample I.D.:	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: трн с втех мтве трн-о	Oxygenates (5) Other:					
D.O. (if req'd): Pre-purge:	Post-purge: mg/L					
O.R.P. (if req'd): Pre-purge:	mV Post-purge: mV					

INCIDENT # 9899 5/43

DATE: 2-15-13

CITY & STATE Albany, cA

Observations Upon Arrival Note Repairs Made Photos of Repair Date Well Labeled Well Cap Well Pad / Well ID Detailed Explanation of Maintenance Recommended Well and PM Manway Cover, Type, Condition & Size Painted (Gripper) Well Lock Condition Surface and Performed Condition Initials Properly Condition Condition Size (inch) **(C)** Ý, (G) 5-8 **© Q** Standpipe Flush P Y N R R NL Size (inch) Standpipe Flush G ъ Y N G R G R NL G Р Υ N Size (inch) Standpipe Flush G Р N G R G R NL. Ğ р Y Ν Size (inch) G Р Р Y Standpipe Flush Υ N Ģ R G R NL Ģ N Size (inch) Υ р Standpipe Flush G Р N G R G R NL G Υ N Size (inch) Standpipe Flush G Р Υ N G R G R NL G P Υ N Size (inch) Р Standpipe Flush G G R G R NL G Р Υ N Size (inch) Standpipe Flush G Р Υ G P Υ N G R R NL G N Size (inch) Standpipe Flush G P Υ R P N G Ģ R ML G γ Ν Size (inch) Р P Standpipe Flush G Ν Ģ R G R NL G Υ N Size (inch) Standpipe Flush G Р Υ P Y N G R G R NL G TOTAL # CAPS REPLACED = TOTAL # OF LOCKS REPLACED Condition of Soil Boring Patches or N/A If POOR, Borings/Well IDs or Location Description Υ N **Abandoned Monitoring Wells** Remediation Compound Type Condition of Area Inside **Emergency Contact Info** Photos of Repair Date and Condition of Enclosure Compound Security Cleaning / Repairs Recommended and Conducted PM Initials (Check boxes that apply) Enclosure Condition Visible Building N/A N/A. M/A. Y Building w/ Fence Comp. G Ρ G G Ρ N N/A Fenced Compound Trailer Date Drums Confirm Drums Photos of Number of Does the Label Reveal the Labeled Correctly and Drums Located to Min Removed from **Drum Condition** Related to Detailed Explanation of Any Issues Resolved Drum Source of the Contents Drums On-site Writing Legible Business interference Condition Environmental and PM Initials 10GAL (V) G N/A M N/A N/A N N/A γ N

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

Mark McColloch Bland Tech Services

Print or type Name of Field Personnel & Consultant Company

G = Good (Acceptable)

R = Replaced

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

Note: All repairs other than looks 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

WELL GAUGING DATA

Project #	13060	1-CK	Date	6	141.3		Client	SHEE	
				Processor III. and Milliander					
Site	999	SAN	PARLO	4 V	A12	La.[4]			

	<u> </u>	1	T	1	Thickness	Volume of			I C.	
		Well		Depth to	of	Immiscibles			Survey Point:	
		Size	Sheen /		Immiscible	1	Depth to water	Depth to well		
Well ID	Time	(in.)	Odor		Liquid (ft.)		(ft.)	bottom (ft.)	700	Notes
									 	10103
5-1	0715	3					8.30	11.42		
							BARNES			
5.7	0725	3					8.15	1(.73		
5-3	0720	3					3.44	11.91		
		3								
5-4	0936	٧					7.40	13.70		
		AHAYAN								
5-6	1013	3					6.86	14.715		
5-7										
	\	AVET) () (EVZ						
5-8										
**************************************	0130	4					9-80	15.76		
5-9	1	2								
	0905						10.42	15-89	V	
									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
										1. 1.
			Į							
				aria van						
. :]	1									
·		l							1	· · · ·

SHELL WELL MONITORING DATA SHEET

BTS#: 130604-ch	Site: 999 SAN PAGES AC, ALBAN					
Sampler: Cu I	Date: 6/4/, 3					
Well I.D.: @44 S-1	Well Diameter: 2 (3) 4 6 8					
Total Well Depth (TD): しょっし	Depth to Water (DTW): ほっぴ					
	Thickness of Free Product (feet):					
Referenced to: PC Grade I	D.O. Meter (if req'd): YSI HACH					
DTW with 80% Recharge [(Height of Water C	Column x 0.20) + DTW]: ℓ.92					
•	Waterra Sampling Method: Peristaltic Disposable Bailer Extraction Pump Extraction Port Dedicated Tubing Other:					
1 Case Volume Specified Volumes Calculated Volumes	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					
0740 620 6.63 416	71000 1.2					
DEMARKETO Q 1.3 gollo	ous (-3					
1045 62.3 6:10 432	323					
Did well dewater? Yes No	Gallons actually evacuated: (,3					
Sampling Date: 6/4/13 Sampling Time	: 1045 Depth to Water: 9,20 (249)					
Sample I.D.: 4-\	Laboratory: Test America Other					
Analyzed for: TPH-G BTEX MTBE TPH-D (Oxygenates (5) Other: See coe					
EB I.D. (if applicable):	Duplicate I.D. (if applicable):					
Analyzed for: трн-G втех мтве трн-D (Oxygenates (5) Other:					
D.O. (if req'd): Pre-purge: 1.98	^{mg} /L Post-purge: ^{mg} /L					
O.R.P. (if req'd): Pre-purge:	mV Post-purge: mV					

BTS#: (30604	- Cus		Site:	999	SAN PAGES A	t, Allery			
Sampler:	cre			Date:		41.3	· :			
Well I.D.:	5-2			Well Diameter: 2 3 4 6 8						
Total Well I	Depth (TD): <u>t</u>	13	Depth to Water (DTW): 8.15						
Depth to Fro	ee Product	a.	gygggggggggggggggggggggggggggggggggggg	Thickn	ess of F	ree Product (fee	et):			
Referenced	to:	PVO	Grade	D.O. M	leter (if	req'd):	YSI HACH			
DTW with 8	80% Recha	rge [(H	leight of Water	Columr	1×0.20) + DTW]: {	7.67			
Purge Method:	Pailer Disposable Ba Positive Air D Electric Subm	isplaceme		Waterra Peristaltic tion Pump	Well Diamete	Sampling Method: Other:	Dailef Disposable Bailer Extraction Port Dedicated Tubing			
1 Case Volume	Gals.) X Specii	ろ fied Volum	= 3.4 Calculated Vo	_ Gals. lume	1" 2" 3"	0.04 4" 0.16 6" 0.37 Other	0.65 1.47			
Time	Temp (°F)	pН	Cond. (mS or uS)		oidity ΓUs)	Gals. Removed	Observations			
0605	(,5.6	6.30	820	15	0	1.3	·			
-	DEW	7600	5 @ 1	Sacl		1.5				
1105	\$ 6 . C	6.34	832	113	3	Margarithman Martin and San				
Did well de	water?	KBs	No	Gallon	s actuall	y evacuated:	1.5			
Sampling D	ate: 6(4	1,3	Sampling Time	e: 1105	, p	Depth to Wate	r: 8,90 (242)			
Sample I.D.	: 9-2			Labora	tory:	Test America	Other			
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Oxy gena	ates (5)	Cther:				
EB I.D. (if a	applicable)): ,	@ Time	Duplic	ate I.D.	(if applicable):				
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Oxygena	ates (5)	Other:				
D.O. (if req	'd): ੲį	e-purge.	(.33	mg/ _L	P	ost-purge:	mg/ _L			
O.R.P. (if re	eq'd): Pı	e-purge:		mV	P	ost-purge:	mV			

BTS #: \5	80604-c	n.		Site: q	99 5	AN PAGLO AN	K ALRAY
Sampler:	Ch			Date:	6/4/1	3	
Well I.D.:	5.3			Well D	iameter	: 2 (3) 4	6 8
Total Well	Depth (TD)): [(.91	Depth t	o Water	r (DTW): 👂,	44
Depth to Fr	ee Product	-	na de la companya de	Thickne	ess of F	ree Product (fee	et):
Referenced	to:	p √vc)	Grade	D.O. M	eter (if	req'd):	YSI HACH
DTW with	80% Recha	urge [(H	eight of Water	Column	$\times (0.20)$	$)$ + DTW]: \mathcal{L}_{1}	2.15
Purge Method:	Bailer Disposable Ba Positive Air E Electric Subm	isplaceme		Waterra Peristaltic tion Pump	Well Diamete	Sampling Method: Other:	Disposable Bailer Extraction Port Dedicated Tubing
1 Case Volume	Gals.) XSpecif	3 fied Volum	= 3.9 es Calculated Vo	_Gals.	1" 2" 3"	0.04 4" 0.16 6" 0.37 Other	Diameter Multiplier 0.65 1.47 radius² * 0.163
Time	Temp (°F)	pН	Cond. (mS or IS)	i .	oidity (Us)	Gals. Removed	Observations
0751	66.9	ig. 11	563	7100	<u>'</u>	1.3	
	DEVA	iento	@ 1-5 ga	- Crimination	popular and the second second	1.5	t
		:					ı.
·							
1055	4.00	6.17	565	14	7	And instrumental programments.	
Did well de		X(es)	No	Gallons	s actuall	ly evacuated:	1.5
Sampling D	Date: Wyl.	3	Sampling Time	e: 105	5	Depth to Water	r: 8.47
Sample I.D	.: 5 - T	}		Labora	tory:	Test America	Other
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Oxygena	ites (5)	Other:	
EB I.D. (if	applicable)	•	@ Time	Duplica	ate I.D.	(if applicable):	
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Oxygena	ites (5)	Other:	
D.O. (if req	'd): Pa	e-purge:	0.69	mg/L	P	ost-purge:	mg/ _L
O.R.P. (if re	eq'd): Pı	e-purge:		mV	P	ost-purge:	mV

BTS #: (*	30604 -	Cul		Site: q	199 5%	an PARCO AT	, ALBANY			
Sampler:	ck			Date:	6/41					
Well I.D.:	5-4			Well D	iameter	,	6 8			
Total Well	Depth (TD): (3	B.:70	Depth to Water (DTW): 7,40						
Depth to Fr	ee Product		independent of the second seco	Thickness of Free Product (feet):						
Referenced	to:	.PV 0	Grade	D.O. M	leter (if	req'd):	YSI HACH			
DTW with	80% Recha	arge [(H	leight of Water	Columr	1 x 0.20)) + DTW]: 👩	રુ. . 			
Purge Method:	Bailer Disposable Ba Positive Air D Electric Subm	Displaceme		Waterra Peristaltic tion Pump		Sampling Method:	Bailer Disposable Bailer Extraction Port Dedicated Tubing			
1 Case Volume	Gals.) X	3 fied Volum	= 6.9 nes Calculated Vol	_ Gals.	Well Diamete 1" 2" 3"	er Multiplier Well 0.04 4" 0.16 6" 0.37 Othe	Diameter Multiplier 0.65 1.47 er radius² * 0.163			
T Cuso r Grants	T	Tea Animir	Cond.				T			
Time	Temp (°F)	pН	(mS or (is)		oidity (TUs)	Gals. Removed	Observations			
0950	(.5.6	6.31	318	50	10	23				
	DEWAT	cren	@ 3,2 9,91			3.7_				
(000)	66.1	6.%	329	50	, 7	A Company of the Comp				
Did well de	water?	(Ye)s	No	Gallon	s actuall	y evacuated:	<u> </u>			
Sampling D)ate: 4/4/	13	Sampling Time	e: †00	0	Depth to Wate				
Sample I.D.	: 5-4			Labora	tory:	Test America	Other			
Analyzed for	or: TPH-G	BTEX	МТВЕ ТРН-D	Oxygena	ates (5)	Other: See Co	C			
EB I.D. (if a	applicable)):	@ Time	Duplica	ate I.D.	(if applicable):				
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Oxygena	ites (5)	Other:	_			
D.O. (if req	'd): Pr	re-purge:		mg/L	P	ost-purge:	mg/ _L			
O.R.P. (if re	eq'd): Pr	re-purge:		mV	Р	ost-purge:	mV			

B12#:	30604-	cul		Site: 0	99 5	AN PAGES A	16 ALBAMY				
Sampler:	Cu			Date:	6/4						
Well I.D.:	S-6			Well Diameter: 2 (3) 4 6 8							
Total Well	Depth (TD): [4	-75	Depth to Water (DTW): 6.86							
Depth to Fr	ee Product	Same Same	and the state of t	Thickness of Free Product (feet):							
Referenced	to:	P(C)	Grade	D.O. Me	eter (if	req'd):	YSI HACH				
DTW with	80% Recha	ırge [(H	eight of Water	Column	x 0.20)	+ DTW]:	8.44				
Purge Method:	Bailer Disposable Bailer Positive Air E)isplaceme		Waterra Peristaltic tion Pump	Vell Diamete	Sampling Method: Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing				
1 Case Volume		了 fied Volum	es Calculated Vo	Gals.	2" 3"	0.16 6" 0.37 Othe	1.47				
Time	Temp (°F)	рН	Cond. (mS or (uS)	Turbi (NT	•	Gals. Removed	Observations				
Ploi	66.3	6.69	846	43	4	3.0					
	DEWAT	erlen (94.2 GAI	- inches	******	4.2					
				***************************************	ī						
1030	66.6	6 E0	846	34	9						
Did well de	water?	Yes)	No	Gallons	actuall	y evacuated:	4,2				
Sampling D	vate: 4/4	13	Sampling Time	: 1031	<u> </u>	Depth to Wate	r: 12.23 (TRAFFE				
Sample I.D.	: 5-6			Laborate	ory:	Test America	Other				
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Oxygenat	es (5)	Other:					
EB I.D. (if a	applicable)	*	@ Time	Duplicat	te I.D. ((if applicable):	,				
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Oxygenat	es (5)	Other:					
D.O. (if req	'd): Pr	e-purge:		mg/ _L	P	ost-purge:	mg/L				
O.R.P. (if re	eq'd): Pr	e-purge:		mV	P	ost-purge:	m¸V				

BTS#: Y	30604 -	-Clel		Site:	999 =	SAN DADO	s Au	E, ALBAY			
Sampler:	OK			Date:	6/4/						
Well I.D.:	5-7			Well D	iameter	: 2 3	4	6 8			
Total Well I	Depth (TD)):		Depth to Water (DTW):							
Depth to Fre	ee Product:			Thickr	ess of F	ree Produ	ct (fee	t):			
Referenced	to:	PVC	Grade	D.O. M	leter (if	req'd):	·	YSI HACH			
DTW with 8	30% Recha	rge [(H	leight of Water	Colum	n x 0.20) + DTW]	•				
Purge Method:	Bailer Disposable Ba Positive Air D Electric Subm	isplaceme		Waterra Peristaltic	; :	Sampling I	Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing			
1 Case Volume	Gals.) XSpecif	ied Volum	= / nes Calculated Vo	_ Gals. lume	1" 2" 3"	er <u>Multiplier</u> 0.04 0.16 0.37	Well D 4" 6" Other	Diameter Multiplier 0.65 1.47 radius ² * 0.163			
Time	Temp (°F)	pН	Cond. (mS or μS)	Į.	bidity TUs)	Gals. Ren	noved	Observations			
*	WELL	PA	es outr	_							
								,			
	(C)	SA	MPLE T	AKG)						
Did well de	water?	Yes	No	Gallon	s actual	ly evacuat	ed:				
Sampling D	așe:		Sampling Tim	e:		Depth to	Water	:			
Sample I,D.	:			Labora	itory:	Test Ameri	ca (Other			
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygen	ates (5)	Other:					
EB I.D. (if a	applicable)	<i></i>	@ Time	Duplie	ate I.D.	(if applica	ıble):				
Analyzed for	ог: трн-б	BTEX	MTBE TPH-D	Oxygen	ates (5)	Other:	7				
D.O. (if req'	'd): / Pr	e-purge:		/ mg/L	F	Post-purge:		mg/ <u>r</u>			
O.R.P. (if re	eq'd): Pr	e-purge:		mV	F	Post-purge:		mV			

BTS #:	130604.	-cul		Site: 999	SAN PAGUS A	t ALBANY
Sampler:	Cu			Date: 4/4/		
Well I.D.:	5-R			Well Diameter	: 2 3 倒	6 8
Total Well): 15	.76	Depth to Wate	r (DTW): q	~ B0
Depth to Fr	ee Product	B	Market Ma	Thickness of F	ree Product (fee	
Referenced	to:	(PVC)	Grade	D.O. Meter (if	req'd):	YSI HACH
DTW with	80% Recha	arge [(H	leight of Water	Column x 0.20) + DTW]: _f	0.99
instan 2	νω ς ουυ Gals.) X	Displacement of the control of the c	nt Extrac Other	_ Gals. 1"	Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Ot	Disposable Bailer Extraction Port Dedicated Tubing Diameter Multiplier 0.65 1.47 radius² * 0.163
Time	Temp (°F)	pН	Cond. (mS or uS)	Turbidity (NTUs)	Gals. Removed	Observations
0828	65.3	6.3B	(ડક	1.37	4.0	
-	DEW AT	t460	e Gogal	Secretary of the secret	50	
	y					
					·	
1(10	L 5-5	6.31	664	98	E-Market Market	
Did well de	water?	K9s	No	Gallons actual	ly evacuated:	50
Sampling D	ate: 6/41	13	Sampling Time	e: (llo	Depth to Wate	r: [1.33 (2 HZ)
Sample I.D	: 5 B			Laboratory:	Test America	Other
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: Set Ca	DC
EB I.D. (if	applicable)):	@ Time	Duplicate I.D.	(if applicable):	
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:	
D.O. (if req	'd): P	re-purge:		mg/ _L I	Post-purge:	mg/ _L
O.R.P. (if re	eq'd): P	re-purge:		mV I	Post-purge:	mV

BTS #:	130604	e Ch1		Site:	999	SAN DASLE	A	E, ALBANY
Sampler:	Cu			Date:				
Well I.D.:	5-9			Well Di	ameter	: ② 3	4	6 8
Total Well I	Depth (TD): (7-99	Depth to	o Water	r (DTW):	(0.	42
Depth to Fre	ee Product		· ·	Thickne	ss of F	ree Produc	t (fee	t):
Referenced	to:	(PVC)	Grade	D.O. M	eter (if	req'd):		YSI HACH
DTW with 8	30% Recha	irge [(H	eight of Water	Column	x 0.20)) + DTW]:	* (.5"1
Purge Method:	Disposable Bar Positive Air D	isplaceme	nt Extrac	tion Pump	Vell Diamete		Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing
1 Case Volume		3 fied Volum	$= \frac{7.7}{\text{Calculated Vo}}$	Gals.	1" 2" 3"	0.04 0.16 0.37	6°	0.65 1.47 radius ² * 0.163
Sampler: Cn Date: Cluli3 Well I.D.: S-9 Well Diameter: Q 3 4 6 8 Total Well Depth (TD): 5-9 Depth to Water (DTW): 6.42 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]: 1 5 Purge Method: Bailer Peristaltic Disposable Bailer Peristaltic Disposable Bailer Positive Air Displacement Extraction Pump Dedicated Tubing Other: Well Diameter Multiplier Well Diameter								
1190	64.0	6.32	452	71	8	0.9		
8914	64-6	10.31	450	710)(J)	1-8		
	DEWA	1e860	@ 2.0gal	- Section of the sect	***************************************	7.0		
0925	bed.1	6-35	451	ಲಾ	3			
Did well de	water?	(Ye)	No	Gallons	actuall	ly evacuate	d:	2-8
Sampling D	ate: 64	1,3	Sampling Time	e: 692	-5	Depth to V	Water	: 13.40 (TRAFFIC)
Sample I.D.	: 5-0	9		Laborat	ory:	Test America	a (Other
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygena	tes (5)	Other: SEC	. (&	OC
EB I.D. (if a	applicable)	:		Duplica	te I.D.	(if applical	ole):	
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D		tes (5)	Other:		
D.O. (if req	'd): P1	e-purge:		mg/L	F	Post-purge:		mg/L
O.R.P. (if re	eq'd): Pi	e-purge:		mV	F	Post-purge:		mV

INCIDENT#	a	00	C)	914	3
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DATE: GAG SAN PARCO AUE 6/4/13

ADDRESS 999 SAN PABLO ALE

CITY & STATE ALIZANY

						And the form and the	vations I	Jpon Arr	ival		Ann (A. 70) An (A. 70)				Note Repairs Made	6.7	tos of	Repair Date
Well ID	Manwa	y Cover	Type, C	ondition	& Size	Pai	abeled / nted perly*	(Gri	l Cap pper) dition	Well I	ock Co	ndition	Sur	Pad / face dition	Detailed Explanation of Maintenance Recommended and Performed	l v	Vell dition	and PM Initials
	Standpipe	Flush	(6)	Р	Size (inch)	(P)	N	1	R	(e)	R	NL	(a)	P		Y	l an	
<u>S-1</u>	- Carropipo		19	<u> </u>	Size (inch)		ļ	<u>(6)</u>				114				<u> </u>	(O)	
5-1	Standpipe	Flush	(D)	P	15	<u>(e</u>	N	<u>©</u>	R	(G)	R	NL	(9	Р		Y	(b)	
5-3	Standpipe	Flush	٥	þ	Size (inch)	(i)	N	G	R	Œ	R	NL	(à	Р		Y	N	
9-4	Standpipe	Elush)	(G)	Р	Size (inch)	Ø	N	è	R	9	R	NL	<i>(g</i>)	Þ	curisty by	Υ	N)	
5-6	Standplpe	Mush	6	Р	Size (inch)	Œ	N	9	R	©	R	NL	(G)	Р	Cutarin Box	Y	0	
5-7	Standpipe	Flush	G	P	Size (inch)	Υ	N	G	R	G	R	NL	G	Р	PANED DIFF	Υ	0	
G-8	Standpipe	Flush	©	Р	Size (inch)	(y)	N	B	R	O	R	NL	6	P		Υ	OH	
5.9	Standpipe	Flush	©	P	Size (inch)	3	N	@	R	(g	R	Ñ.	(G)	р		Ý	O	·
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	R	NL.	G	р		Y	N	
	Standpipe	Flush	G	Р	Size (inch)	Y	N	G	R	G	R	NL	G	р		Υ	N	
	Standpipe	Flush	G	Р	Size (inch)	Y	N	G	R	G	R	NL.	G	P		Y	N	
					TOTA	L # CAP	S REPLA	CED =	O		ပ	= TOTAL	# OF LO	OCKS RI	EPLACED			
	Soil Boring P oned Monitori		G	P	MA	irp	OOR, Bor	ings/Well	IDs or Lo	cation De	scription:					Υ	©	
	n Compound oxes that appl		Condi	tion of Er	iclosure		on of Arei Enclosure		Comp	oound Sec	urity	Emerge	ncy Cont Visible	act Info	Cleaning / Repairs Recommended and Conducted		os of dition	Repair Date and PM Initials
NA Buildi Building w/ Fe Fenced Cor Traile	ng nce Comp. mpound	<u> </u>	G	P	Ø.	G	Р	8/A	G	Р	ON .	Υ	N	(AR)		Y	®	
Number of Drums On-site	Does the L Source o				ed Correcti riting Legib		Dni	m Condit	lon	Confirm Relat Environ	ed to		Located ss Interfe		Detailed Explanation of Any Issues Resolved		os of um lition	Date Drums Removed from Site and PM Initials
2	0	N	N/A	Ð	N	N/A	6	P	N/A	0	N	62	N	N/A		Υ	(N)	

G = Good (Acceptable)

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 Print or type Name of Field Personnel & Consultant Company

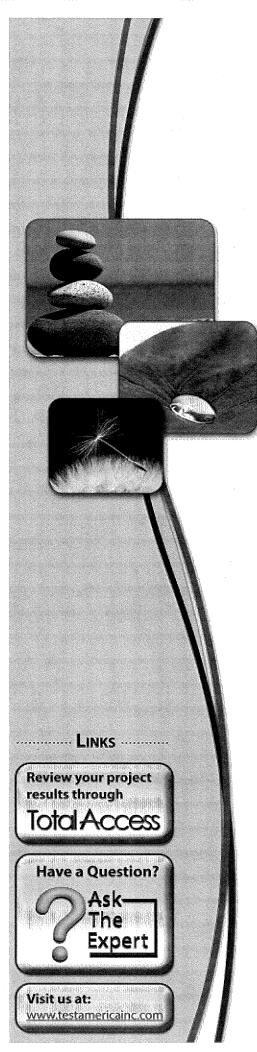
R = Replaced

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

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

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: 440-48546-1

Client Project/Site: 999 San Pablo Ave., Albany, CA

For:

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

Attn: Peter Schaefer

hili Samble

Authorized for release by: 6/19/2013 11:09:25 AM

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

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

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

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

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Sample Summary

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-48546-1	S-1	Water	06/04/13 10:45	06/06/13 09:45
440-48546-2	S-2	Water	06/04/13 11:05	06/06/13 09:45
440-48546-3	S-3	Water	06/04/13 10:55	06/06/13 09:45
440-48546-4	S-4	Water	06/04/13 10:00	06/06/13 09:45
440-48546-5	S-6	Water	06/04/13 10:30	06/06/13 09:45
440-48546-6	S-8	Water	06/04/13 11:10	06/06/13 09:45
440-48546-7	S-9	Water	06/04/13 09:25	06/06/13 09:45

Case Narrative

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

Job ID: 440-48546-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-48546-1

Comments

No additional comments.

Receipt

The samples were received on 6/6/2013 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.4° C, 3.6° C and 5.3° C.

GC/MS VOA

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

Client Sample ID: S-1

Date Collected: 06/04/13 10:45 Date Received: 06/06/13 09:45 Lab Sample ID: 440-48546-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50	·	ug/L			06/12/13 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	105		80 - 120			-	· · · · · · · · · · · · · · · · · · ·	06/12/13 04:59	1
4-Bromofluorobenzene (Surr)	102		80 - 120					06/12/13 04:59	1
Toluene-d8 (Surr)	112		80 - 120					06/12/13 04:59	1
- Method: 8260B - Volatile Organic	Compounds (GC/MS)		•					
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/12/13 04:59	1
Ethylbenzene	ND		0.50		ug/L			06/12/13 04:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/12/13 04:59	1
Toluene	ND		0.50		ug/L			06/12/13 04:59	1
Xylenes, Total	ND		1.0		ug/L			06/12/13 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120			-		06/12/13 04:59	1
Dibromofluoromethane (Surr)	105		80 - 120				•	06/12/13 04:59	1
Toluene-d8 (Surr)	112		80 - 120					06/12/13 04:59	1
Client Sample ID: S-2						•	Lab Sam	ple ID: 440-4	8546-2
Date Collected: 06/04/13 11:05								-	c: Water
Pate Received: 06/06/13 09:45									
Method: 8260B/CA_LUFTMS - Vo	latile Organic	Compound	s by GC/MS						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	9300		250	***************************************	ug/L		-	06/12/13 05:29	5
(C4-C12)									

, many to	resuit	Qualifici		INDL	Oilit		riepareu	Analyzeu	Dil Fac
Volatile Fuel Hydrocarbons	9300		250		ug/L			06/12/13 05:29	5
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		80 - 120			_		06/12/13 05:29	5
4-Bromofluorobenzene (Surr)	103		80 - 120					06/12/13 05:29	5
Toluene-d8 (Surr)	117		80 - 120					06/12/13 05:29	5
Method: 8260B - Volatile Organ	nic Compounds (GC/MS)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	52		2.5		ug/L		-	06/12/13 05:29	5
Ethylbenzene	11		2.5	1	ug/L			06/12/13 05:29	5
Methyl-t-Butyl Ether (MTBE)	250		2.5		ug/L			06/12/13 05:29	- 5
Toluene	3.9		2.5		ug/L			06/12/13 05:29	5
Xylenes, Total	ND		5.0		ug/L			06/12/13 05:29	5
								•	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Surrogate 4-Bromofluorobenzene (Surr)	%Recovery	Qualifier	Limits 80 _ 120			-	Prepared	Analyzed 06/12/13 05:29	Dil Fac
		Qualifier				-	Prepared		

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

Client Sample ID: S-3

Date Collected: 06/04/13 10:55 Date Received: 06/06/13 09:45 Lab Sample ID: 440-48546-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	· D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	4600		100		ug/L			06/12/13 05:59	2
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		80 - 120					06/12/13 05:59	2
4-Bromofluorobenzene (Surr)	. 111		80 - 120					06/12/13 05:59	2
Toluene-d8 (Surr)	114		80 - 120					06/12/13 05:59	2
Method: 8260B - Volatile Orga Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L		•	06/12/13 05:59	2
Ethylbenzene	1.9		1.0		ug/L			06/12/13 05:59	2
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L	•		06/12/13 05:59	2
Toluene	ND		1.0		ug/L			06/12/13 05:59	2
Xylenes, Total	2.2		2.0		ug/L			06/12/13 05:59	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		80 - 120					06/12/13 05:59	2
Dibromofluoromethane (Surr)	99		80 - 120					06/12/13 05:59	2
	114		80 _ 120					06/12/13 05:59	

Client Sample ID: S-4

Date Collected: 06/04/13 10:00

Date Received: 06/06/13 09:45

Lab Sample ID: 440-48546-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/12/13 06:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	107	***************************************	80 - 120			-		06/12/13 06:30	1
4-Bromofluorobenzene (Surr)	104		80 - 120					06/12/13 06:30	1
Toluene-d8 (Surr)	115		80 - 120					06/12/13 06:30	1

Method: 8260B - Volatile Orga	nic Compounds (G	SC/MS)							
Analyte	Result (Qualifier	RL	MDL	Unit	D ·	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/12/13 06:30	1
Ethylbenzene	ND		0.50		ug/L			06/12/13 06:30	1
Methyl-t-Butyl Ether (MTBE)	. ND	*	0.50		ug/L			06/12/13 06:30	1
Toluene	ND		0.50		ug/L			06/12/13 06:30	1
Xylenes, Total	ND		1.0		ug/L			06/12/13 06:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120			-		06/12/13 06:30	1
Dibromofluoromethane (Surr)	107		80 - 120					06/12/13 06:30	1
Toluene-d8 (Surr)	115		80 - 120					06/12/13 06:30	1
									

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

Client Sample ID: S-6

Date Collected: 06/04/13 10:30 Date Received: 06/06/13 09:45

Lab Sample ID: 440-48546-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	8300		250		ug/L			06/13/13 17:05	5
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		80 - 120			_		06/13/13 17:05	5
4-Bromofluorobenzene (Surr)	111		80 - 120					06/13/13 17:05	5
Toluene-d8 (Surr)	112		80 - 120					06/13/13 17:05	5
Method: 8260B - Volatile Orga	nnic Compounds (GC/MS)							
Method: 8260B - Volatile Orga	•	•		5.853.1	11-:4	Б	Duamanad	Anaband	DU E
Analyte	Result	GC/MS) Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Analyte Benzene	Result 96	•	2.5	MDL	ug/L	D	Prepared	06/13/13 17:05	5
Analyte	Result	•		MDL		D	Prepared		
Analyte Benzene	Result 96	•	2.5	MDL	ug/L	D	Prepared	06/13/13 17:05	5
Analyte Benzene Ethylbenzene	Result 96 8.2	•	2.5	MDL	ug/L ug/L	<u>D</u> _	Prepared	06/13/13 17:05 06/13/13 17:05	5
Analyte Benzene Ethylbenzene Methyl-t-Butyl Ether (MTBE)	Result 96 8.2 ND	•	2.5 2.5 2.5	MDL	ug/L ug/L ug/L	D _	Prepared	06/13/13 17:05 06/13/13 17:05 06/13/13 17:05	5 5 5
Analyte Benzene Ethylbenzene Methyl-t-Butyl Ether (MTBE) Toluene	Result 96 8.2 ND 12	Qualifier	2.5 2.5 2.5 2.5	MDL	ug/L ug/L ug/L ug/L	<u> </u>	Prepared Prepared	06/13/13 17:05 06/13/13 17:05 06/13/13 17:05 06/13/13 17:05	5 5 5 5

80 - 120

80 - 120

99

112

Client Sample ID: S-8

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Date Collected: 06/04/13 11:10

Date Received: 06/06/13 09:45

Lab Sample ID: 440-48546-6

06/13/13 17:05

06/13/13 17:05

Matrix: Water

5

5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	15000		2500		ug/L			06/18/13 13:12	50
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	106		80 - 120			-		06/18/13 13:12	50
4-Bromofluorobenzene (Surr)	104		80 - 120			,		06/18/13 13:12	50
Toluene-d8 (Surr)	109		80 - 120					06/18/13 13:12	50
Ethylbenzene	250		25		ug/L			06/18/13 13:12	50
Benzene	170		25		ug/L			06/18/13 13:12	50
Methyl-t-Butyl Ether (MTBE)	63		25		ug/L			06/18/13 13:12	50
Toluene	ND		25		ug/L			06/18/13 13:12	50
Xylenes, Total	200		50		ug/L			. 06/18/13 13:12	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120			-		06/18/13 13:12	50
Dibromofluoromethane (Surr)	106		80 - 120					06/18/13 13:12	50

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

Client Sample ID: S-9

Xylenes, Total

Toluene-d8 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Surrogate

Date Collected: 06/04/13 09:25 Date Received: 06/06/13 09:45 Lab Sample ID: 440-48546-7

06/17/13 22:39

Analyzed

06/17/13 22:39

06/17/13 22:39

06/17/13 22:39

Prepared

Dil Fac

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/17/13 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	104		80 - 120			-		06/17/13 22:39	1
4-Bromofluorobenzene (Surr)	108		80 - 120					06/17/13 22:39	1.
Toluene-d8 (Surr)	117		80 - 120					06/17/13 22:39	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			06/17/13 22:39	1
Ethylbenzene	ND		0.50		ug/L			06/17/13 22:39	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/17/13 22:39	1
Toluene	ND		0.50		ua/L			06/17/13 22:39	1

1.0

Limits

80 - 120

80 - 120

80 - 120

ug/L

ND

%Recovery Qualifier

108

104

117

Method Summary

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

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

Protocol References:

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

Laboratory References:

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

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA TestAmerica Job ID: 440-48546-1

Client Sample ID: S-1

Lab Sample ID: 440-48546-1

Matrix: Water

Dat	e F	Received:	06/06/13	09:45
Dat	eι	onectea:	06/04/13	10:45

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	110688	06/12/13 04:59	NS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	110689	06/12/13 04:59	NS	TAL IRV

Client Sample ID: S-2

Date Collected: 06/04/13 11:05

Lab Sample ID: 440-48546-2

Matrix: Water

Date	Received:	06/06/13	09:45

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	10 mL	10 mL	110688	06/12/13 05:29	NS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		5	10 mL	10 mL	110689	06/12/13 05:29	NS	TAL IRV

Client Sample ID: S-3

Date Collected: 06/04/13 10:55

Lab Sample ID: 440-48546-3

Matrix: Water

Date Received: 06/06/13 09:45

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	·	2	10 mL	10 mL	110688	06/12/13 05:59	NS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		2	10 mL	10 mL	110689	06/12/13 05:59	NS	TAL IRV

Client Sample ID: S-4

Date Collected: 06/04/13 10:00

Date Received: 06/06/13 09:45

Lab Sample ID: 44	0-48546-4
-------------------	-----------

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA Total/NA	Analysis Analysis	8260B 8260B/CA LUFTM		1	10 mL	10 mL 10 mL	110688 110689	06/12/13 06:30 06/12/13 06:30	NS NS	TAL IRV TAL IRV
10122		S							,110	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Client Sample ID: S-6

Date Collected: 06/04/13 10:30

Date Received: 06/06/13 09:45

Lab	Sample	ID: 4	140-48546-5

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	10 mL	10 mL	111067	06/13/13 17:05	MR	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM		5	10 mL	10 mL	111114	06/13/13 17:05	MR	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA TestAmerica Job ID: 440-48546-1

Client Sample ID: S-8

Date Collected: 06/04/13 11:10

Lab Sample ID: 440-48546-6

Matrix: Water

Date Received: 06/06/13 09:45

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	10 mL	10 mL	112160	06/18/13 13:12	TN	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		50	10 mL	10 mL	112161	06/18/13 13:12	AT	TAL IRV

Client Sample ID: S-9

Date Collected: 06/04/13 09:25

Date Received: 06/06/13 09:45

Lab Sample ID: 440-48546-7

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	112030	06/17/13 22:39	MP	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	112031	06/17/13 22:39	MP	TAL IRV

Laboratory References:

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

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

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

Lab Sample ID: MB 440-110688/4 Matrix: Water							Client Sa	ample ID: Metho Prep Type: 1	
Analysis Batch: 110688									
	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/11/13 21:01	1
Ethylbenzene	ND		0.50		ug/L			06/11/13 21:01	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/11/13 21:01	. 1
Toluene	ND		0.50		ug/L			06/11/13 21:01	1
Xylenes, Total	ND		1.0		ug/L			06/11/13 21:01	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120			-		06/11/13 21:01	1
Dibromofluoromethane (Surr)	98		80 - 120					06/11/13 21:01	1
Toluene-d8 (Surr)	113		80 - 120		5			06/11/13 21:01	1

Lab Sample ID: LCS 440-110688/5 Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA

4-Bromofluorobenzene (Surr)

			Spike	LCS	LCS				%Rec.
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene		,	25.0	26.6		ug/L		106	70 - 120
Ethylbenzene			25.0	27.9		ug/L		112	75 - 125
m,p-Xylene			50.0	57.5		ug/L		115	75 - 125
Methyl-t-Butyl Ether (MTBE)			25.0	28.3		ug/L		113	60 - 135
o-Xylene			25.0	27.2		ug/L		109	75 - 125
Toluene			25.0	27.8		ug/L		111	70 - 120
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						

Dibromofluoromethane (Surr)	104	80 - 120		
Toluene-d8 (Surr)	112	80 - 120		
man.				
Lab Sample ID: 440-48428-A-10 MS				Client Sample ID: Matrix Spike
Matrix: Water				Prep Type: Total/NA

80 - 120

110

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		25.0	26.0		ug/L		104	65 _ 125	
Ethylbenzene	ND		25.0	27.8		ug/L		111	65 _ 130	
m,p-Xylene	ND		50.0	57.0		ug/L		114	65 _ 130	
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.9		ug/L		104	55 _ 145	
o-Xylene	ND		25.0	27.0		ug/L		108	65 _ 125	
Toluene	ND		25.0	26.8		ug/L		107	70 - 125	

	MS.	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	111		80 - 120
<u></u>			

TestAmerica Job ID: 440-48546-1

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

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

Lab Sample ID: 440-48428-A Matrix: Water	-10 MSD						Client Sa	imple ID	: Matrix Sp	-	
Analysis Batch: 110688									Prep I	ype: To	tai/NA
Analysis Batch: 110000	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	26.6		ug/L		107	65 _ 125	2	20
Ethylbenzene	ND		25.0	28.3		ug/L		113	65 _ 130	2	20
m,p-Xylene	ND		50.0	57.1		ug/L		114	65 _ 130	0	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	26.7		ug/L		107	55 - 145	3	25
o-Xylene	ND		25.0	28.1		ug/L		112	65 - 125	4	20
Toluene	ND		25.0	27.8		ug/L		111	70 - 125	3	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	109		80 - 120								
Dibromofluoromethane (Surr)	101		80 - 120								
Toluene-d8 (Surr)	112		80 ₋ 120								

Lab Sample ID: MB 440-111067/4 Client Sample ID: Method Blank
Matrix: Water Prep Type: Total/NA

Analysis Batch: 111067

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/13/13 09:58	1
Ethylbenzene	ND		0.50		ug/L			06/13/13 09:58	1
Methyl-t-Butyl Ether (MTBE)	. ND		0.50		ug/L			06/13/13 09:58	1
Toluene	ND		0.50		ug/L			06/13/13 09:58	1
Xylenes, Total	ND		1.0		ug/L			06/13/13 09:58	1
			•						

	MB	MB	•				
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		80 - 120	•		06/13/13 09:58	
Dibromofluoromethane (Surr)	101		80 - 120			06/13/13 09:58	1
Toluene-d8 (Surr)	108		80 - 120			06/13/13 09:58	. 1

Lab Sample ID: LCS 440-111067/5

Matrix: Water

Analysis Batch: 111067

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

•	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	25.0	24.9		ug/L	_	99	70 - 120	
Ethylbenzene	25.0	25.1		ug/L		101	75 - 125	
m,p-Xylene	50.0	52.1		ug/L		104	75 - 125	
Methyl-t-Butyl Ether (MTBE)	25.0	28.0		ug/L		112	60 _ 135	
o-Xylene	25.0	25.7		ug/L		103	75 _ 125	
Toluene	25.0	26.4		ug/L		105	70 - 120	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		80 _ 120
Dibromofluoromethane (Surr)	108		80 - 120
Toluene-d8 (Surr)	111		80 - 120

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

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

108

Lab Sample ID: 440-48547-A-1 MS	Client Sample ID: Matrix Spike
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 111067	

Analysis Batch: 111067	•									
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		25.0	24.3		ug/L		97	65 _ 125	
Ethylbenzene	ND		25.0	24.9		ug/L		100	65 _ 130	
m,p-Xylene	ND		50.0	52.7		ug/L		105	65 _ 130	
Methyl-t-Butyl Ether (MTBE)	ND		25.0	26.5		ug/L		106	55 - 145	
o-Xylene	ND		25.0	26.1		ug/L		104	65 ₋ 125	
Toluene	ND		25.0	26.1		ug/L		105	70 - 125	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	109		80 - 120							
Dibromofluoromethane (Surr)	107		80 - 120							

Lab Sample ID: 440-48547-A-1 MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

80 - 120

Matrix: Water

Toluene-d8 (Surr)

Analysis Batch: 111067

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	. ND		25.0	25.8		ug/L		103	65 - 125	6	20
Ethylbenzene	ND		25.0	25.9		ug/L		104	65 ₋ 130	4	20
m,p-Xylene	ND		50.0	54.8		ug/L		110	65 - 130	4	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	29.7		ug/L		119	55 - 145	11	25
o-Xylene	ND		25.0	27.1		ug/L		108	65 - 125	. 4	20
Toluene	ND		25.0	27.3		ug/L		109	70 - 125	4	20

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

Lab Sample ID: MB 440-112030/4 Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA

Analysis Batch: 112030

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/17/13 21:14	1
Ethylbenzene	ND		0.50		ug/L			06/17/13 21:14	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/17/13 21:14	1
Toluene	ND		0.50		ug/L			06/17/13 21:14	1
Xylenes, Total	ND		1.0		ug/L			06/17/13 21:14	1

		MB	MB				
Surrogate		%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluor	obenzene (Surr)	107		80 - 120		06/17/13 21:14	1
Dibromofluor	omethane (Surr)	94		80 _ 120		06/17/13 21:14	1
Toluene-d8 (Surr)	118		80 - 120		06/17/13 21:14	1

TestAmerica Job ID: 440-48546-1

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

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

Lab Sample ID: LCS 440-11203	30/5						Client	Sample	ID: Lab Co		-
Matrix: Water							ν.		Prep T	ype: Tot	al/NA
Analysis Batch: 112030											
			Spike		LCS				%Rec.		
Analyte			Added		Qualifier	Unit	D	%Rec	Limits		
Benzene			25.0	24.8		ug/L		99	70 - 120		
Ethylbenzene			25.0	26.0		ug/L		104	75 - 125		
n,p-Xylene			50.0	53.3		ug/L		107	75 ₋ 125		
Methyl-t-Butyl Ether (MTBE)			25.0	25.5		ug/L		102	60 - 135		
o-Xylene	•		25.0	27.9		ug/L		112	75 - 125		
oluene			25.0	25.9		ug/L		104	70 - 120		
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
d-Bromofluorobenzene (Surr)	108		80 - 120								
Dibromofluoromethane (Surr)	106		80 ₋ 120								
Foluene-d8 (Surr)	115		80 - 120								
_ab	S								Client S	ample II	D: S-9
Matrix: Water										ype: Tot	
Analysis Batch: 112030									•	•	
-	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	ND		25.0	24.1		ug/L		96	65 - 125		
Ethylbenzene	ND		25.0	25.5		ug/L		102	65 _ 130		
n,p-Xylene	ND		50.0	51.1		ug/L		102	65 _ 130		
/lethyl-t-Butyl Ether (MTBE)	ND		25.0	26.0		ug/L		104	55 - 145		
-Xylene	ND		25.0	26.9		ug/L		108	65 - 125		
oluene	ND		25.0	26.3		ug/L		105	70 - 125		
	***	***									
		MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Bromofluorobenzene (Surr)	112		80 - 120								
Dibromofluoromethane (Surr)	105		80 - 120								
Toluene-d8 (Surr)	114		80 - 120								
al- C	00										
Lab Sample ID: 440-48546-7 M Matrix: Water	ספ								Client S	•	
									Prep I	ype: To	al/NA
Analysis Batch: 112030	Sample	Sample	Spike	Men	MSD				%Rec.		RPE
Analyte	-	Qualifier	Added		Qualifier	Unit	n	%Rec	Limits	RPD	
Benzene	ND	Quainiei	25.0	23.8	Qualifier	Unit ug/L	D	95	65 - 125	1	Limi 20
Ethylbenzene	ND		25.0	25.3		ug/L		101	65 - 130	1	20
n,p-Xylene	ND ND		50.0	49.7		ug/L ug/L					
Methyl-t-Butyl Ether (MTBE)	ND ND							99	65 - 130	3	2
o-Xylene	ND ND		25.0 25.0	25.8		ug/L		103	55 ₋ 145	1	2
Foluene				25.9		ug/L		104	65 - 125	4	2
oluene	ND		25.0	25.4		ug/L		102	70 - 125	3	2
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		80 - 120								
Dibromofluoromethane (Surr)	106		80 - 120								
Toluene-d8 (Surr)	112		80 - 120								

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

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

MR MR

Lab Sample ID: MB 440-112160/4	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA

Analysis Batch: 112160

	IAID IAID					
Analyte	Result Qua	alifier RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Benzene	ND ND	0.50	ug/L		06/18/13 09:20	1
Ethylbenzene	ND	0.50	ug/L		06/18/13 09:20	1 .
Methyl-t-Butyl Ether (MTBE)	ND	0.50	ug/L		06/18/13 09:20	1
Toluene	ND	0.50	ug/L		06/18/13 09:20	1
Xylenes, Total	ND	1.0	ug/L		06/18/13 09:20	1

MB MB Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 4-Bromofluorobenzene (Surr) 108 80 - 120 06/18/13 09:20 Dibromofluoromethane (Surr) 109 80 - 120 06/18/13 09:20 Toluene-d8 (Surr) 111 80 - 120 06/18/13 09:20

Lab Sample ID: LCS 440-112160/5 Client Sample ID
Matrix: Water

Analysis Batch: 112160

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

· ·	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	25.0	23.2		ug/L		93	70 - 120	
Ethylbenzene	25.0	23.8		ug/L		95	75 - 125	
m,p-Xylene	50.0	47.1		ug/L		94	75 - 125	÷
Methyl-t-Butyl Ether (MTBE)	25.0	26.6		ug/L		106	60 - 135	
o-Xylene	25.0	23.5		ug/L		94	. 75 - 125	
Toluene	25.0	24.1		ug/L		. 97	70 - 120	

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 108
 80 - 120

 Dibromofluoromethane (Surr)
 108
 80 - 120

 Toluene-d8 (Surr)
 112
 80 - 120

Lab Sample ID: 440-49086-D-13 MS

Client Sample ID: Matrix Spike
Matrix: Water

Prep Type: Total/NA

Analysis Batch: 112160

Sample	Sample	Spike	MS	MS			•	%Rec.
Analyte Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene ND		25.0	23.1		ug/L		93	65 - 125
Ethylbenzene ND		25.0	25.0		ug/L		100	65 - 130
m,p-Xylene ND		50.0	49.6		ug/L		99	65 - 130
Methyl-t-Butyl Ether (MTBE) ND		25.0	24.2		ug/L		97	55 _ 145
o-Xylene ND		25.0	25.2		ug/L		101	65 - 125
Toluene ND		25.0	24.0		ug/L		96	70 _ 125

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		80 _ 120
Dibromofluoromethane (Surr)	102		80 - 120
Toluene-d8 (Surr)	108		80 - 120

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

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

Lab Sample ID: 440-49086-D Matrix: Water									: Matrix Sp Prep T	ype: To	
Analysis Batch: 112160										, p	
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	24.3		ug/L		97	65 - 125	5	20
Ethylbenzene	ND		25.0	25.6		ug/L		102	65 _ 130	2	20
m,p-Xylene	ND		50.0	50.6		ug/L		101	65 _ 130	2	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	26.9		ug/L		108	55 - 145	10	25
o-Xylene	ND		25.0	25.5		ug/L		102	65 - 125	1	20
Toluene	ND		25.0	24.8		ug/L		99	70 - 125	3	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		80 - 120								
Dibromofluoromethane (Surr)	107		80 - 120								
Toluene-d8 (Surr)	109		80 ₋ 120								

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

Lab Sample ID: MB 440-110689 Matrix: Water)/4									Client S	Sample ID: Metho Prep Type:	
Analysis Batch: 110689												
	M	в мв										
Analyte	Resu	lt Qualifier	RL		MDL	Unit		D	Р	repared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	N	D	50			ug/L					06/11/13 21:01	1
	M	в мв										
Surrogate	%Recover	y Qualifier	Limits						P	repared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	9	8	80 - 120					_			06/11/13 21:01	1
4-Bromofluorobenzene (Surr)	. 10	2	80 - 120								06/11/13 21:01	1
Toluene-d8 (Surr)	11	3	80 - 120								06/11/13 21:01	1
Analysis Batch: 110689			Sniko	1.00	I Ce						%/ Pag	
Analyte			Spike Added	LCS Result		ifior	Unit		D	%Rec	%Rec. Limits	
Volatile Fuel Hydrocarbons			500	506			ug/L		_	101	55 - 130	
(C4-C12)							•					
	LCS LC	s	*									
Surrogate	%Recovery Q	ualifier	Limits									
Dibromofluoromethane (Surr)	102		80 - 120									
4-Bromofluorobenzene (Surr)	106		80 - 120									
Toluene-d8 (Surr)	114		80 - 120									
 Lab Sample ID: 440-48428-A-10	n MS									Client	Sample ID: Mati	iv Snik
Matrix: Water										O.O.	Dran Type:	•

Lab Sample ID: 440-48428-A-10 NI)							Client	Sample IL): Matrix	Spike
Matrix: Water									Prep	Type: To	tal/NA
Analysis Batch: 110689								•			
	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	. D	%Rec	Limits		
Volatile Fuel Hydrocarbons	ND		1730	1400		ug/L		81	50 - 145		
(C4-C12)											

I imits

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

	Method: 8260B/CA	LUFTMS - Vol	latile Organic	Compounds b	v GC/MS	(Continued)
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Lab Sample ID: 440-48428-A-10 MS

Matrix: Water

Analysis Batch: 110689

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

 Surrogate
 %Recovery
 Qualifier

 Dibromofluoromethane (Surr)
 99

 Dibromofluoromethane (Surr)
 99
 80 - 120

 4-Bromofluorobenzene (Surr)
 110
 80 - 120

 Toluene-d8 (Surr)
 111
 80 - 120

Lab Sample ID: 440-48428-A-10 MSD

Matrix: Water

Analysis Batch: 110689

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

MSD MSD Sample Sample Spike %Rec. RPD Result Qualifier D RPD Analyte Added Result Qualifier Unit %Rec Limits Limit ND 1730 1430 Volatile Fuel Hydrocarbons ug/L 83 50 - 145 (C4-C12)

 Surrogate
 %Recovery
 Qualifier
 Limits

 Dibromofluoromethane (Surr)
 101
 80 - 120

 4-Bromofluorobenzene (Surr)
 109
 80 - 120

 Toluene-d8 (Surr)
 112
 80 - 120

Lab Sample ID: MB 440-111114/4

Matrix: Water

Analysis Batch: 111114

Client Sample ID: Method Blank

Prep Type: Total/NA

MB MB Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Volatile Fuel Hydrocarbons (C4-C12) ND 50 06/13/13 09:58 ug/L MΒ MB

%Recovery Qualifier Surrogate Limits Prepared Dil Fac Analyzed Dibromofluoromethane (Surr) 80 - 120 101 06/13/13 09:58 4-Bromofluorobenzene (Surr) 109 80 - 120 06/13/13 09:58 Toluene-d8 (Surr) 108 80 - 120 06/13/13 09:58

Lab Sample ID: LCS 440-111114/7

Matrix: Water

Analysis Batch: 111114

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

 Surrogate
 %Recovery
 Qualifier
 Limits

 Dibromofluoromethane (Surr)
 99
 80 - 120

 4-Bromofluorobenzene (Surr)
 110
 80 - 120

 Toluene-d8 (Surr)
 110
 80 - 120

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA TestAmerica Job ID: 440-48546-1

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

MB MB

Lab Sample ID: 440-48547-A Matrix: Water	1-1 MS							Client	Sample ID: Matrix Spik Prep Type: Total/N	
Analysis Batch: 111114	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added		Qualifier	Unit	. D	%Rec	Limits	
Volatile Fuel Hydrocarbons (C4-C12)	150		1730	1450		ug/L		75	50 - 145	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
Dibromofluoromethane (Surr)	107		80 - 120							
4-Bromofluorobenzene (Surr)	109		80 - 120							
Toluene-d8 (Surr)	108		80 _ 120					*		
– Lab Sample ID: 440-48547-A	-1 MSD				,		Client S	ample IE): Matrix Spike Duplicate	

Matrix: Water				Prep '	Type: To	tal/NA					
Analysis Batch: 111114											
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Volatile Fuel Hydrocarbons	150		1730	1530		ug/L	_	79	50 - 145	5	20

(C4-C12)

	MSD I	พรบ			
Surrogate	%Recovery	Qualifier	Limits		
Dibromofluoromethane (Surr)	108		80 - 120		
4-Bromofluorobenzene (Surr)	107		80 - 120		
Toluene-d8 (Surr)	107		80 - 120		

Lab Sample ID: MB 440-112031/4 Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA

Analysis Batch: 112031

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/17/13 21:14	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	94		80 _ 120			=		06/17/13 21:14	1
4-Bromofluorobenzene (Surr)	107		80 - 120					06/17/13 21:14	1

Lab Sample ID: LCS 440-112031/6			Client Sample ID: Lab Control Sample
Toluene-d8 (Surr)	118	80 - 120	06/17/13 21:14 1
4-Bromofluorobenzene (Surr)	107	80 - 120	06/17/13 21:14 1
Dibromondmane (Carr)	0-7	00 = 720	00/1//1321.14

Matrix: Water Analysis Batch: 112031

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Volatile Fuel Hydrocarbons	500	518		ug/L		104	55 - 130	
(C4-C12)								

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	99	***************************************	80 - 120
4-Bromofluorobenzene (Surr)	112		80 - 120
Toluene-d8 (Surr)	118		80 - 120

TestAmerica Irvine

Prep Type: Total/NA

Client: Conestoga-Rovers & Associates, Inc.

Project/Site: 999 San Pablo Ave., Albany, CA

Wethod: 8260B/CA_LUFTWS -	voiatile Organic Compound	is by GC/IVIS (Cont	nuea)

Lab Sample ID: 440-48546-7 Matrix: Water	MS									ample ID: S-9 ype: Total/NA
Analysis Batch: 112031										
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Volatile Fuel Hydrocarbons	ND		1730	1250		ug/L		72	50 - 145	
(C4-C12)										
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
Dibromofluoromethane (Surr)	105		80 - 120							
4-Bromofluorobenzene (Surr)	112		80 - 120							
Toluene-d8 (Surr)	114	•	80 - 120							

Lab Sample ID: 440-48546-7 MSD Client Sample ID: S-9 Matrix: Water Prep Type: Total/NA Analysis Batch: 112031 Spike MSD MSD %Rec. Sample Sample

RPD Result Qualifier Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit ND 1730 1240 ug/L 50 - 145 Volatile Fuel Hydrocarbons (C4-C12)

MSD MSD %Recovery Qualifier Surrogate Limits Dibromofluoromethane (Surr) 106 80 - 120 4-Bromofluorobenzene (Surr) 108 80 - 120 Toluene-d8 (Surr) 112 80 - 120

Lab Sample ID: MB 440-112161/4 Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA

Analysis Batch: 112161

Analyte

Toluene-d8 (Surr)

Analyte	Result	Qualifier	, IXL	WIDE	OTHE		Fiepaieu	Allalyzeu	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		. 50		ug/L			06/18/13 09:20	1
	МВ	МВ			•				
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	109		80 ₋ 120 ·			-		06/18/13 09:20	1
4-Bromofluorobenzene (Surr)	108		80 - 120					06/18/13 09:20	1
Toluene-d8 (Surr)	111		80 _ 120					06/18/13 09:20	1

RI

Unit

Lab Sample ID: LCS 440-112161/6 Matrix: Water					Client	Sample		ontrol Sample Type: Total/NA
Analysis Batch: 112161								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Volatile Fuel Hydrocarbons	500	506		ug/L		101	55 _ 130	

- 1	volution and the another			
	(C4-C12)			
		LCS	LCS	
	Surrogate	%Recovery	Qualifier	Limits
	Dibromofluoromethane (Surr)	107		80 - 120
	4-Bromofluorobenzene (Surr)	107		80 120

80 - 120

112

мв мв Result Qualifier

TestAmerica Irvine

Analyzed

Dil Fac

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

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

108

Lab Sample ID: 440-49086-D-13 MS Client Sample ID: Matrix Spike **Matrix: Water** Prep Type: Total/NA Analysis Batch: 112161 Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit Limits %Rec Volatile Fuel Hydrocarbons ND 1730 1190 ug/L 67 50 - 145 (C4-C12) MS MS Surrogate %Recovery Qualifier Limits Dibromofluoromethane (Surr) 102 80 - 120 4-Bromofluorobenzene (Surr) 100 80 - 120

80 - 120

Lab Sample ID: 440-49086-D-13 MSD

Matrix: Water

Toluene-d8 (Surr)

Analysis Batch: 112161

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

MSD MSD Sample Sample Spike %Rec. RPD Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit Volatile Fuel Hydrocarbons ND 1730 1250 ug/L 71 50 _ 145 5 20 (C4-C12)

	MSD	MSD			
Surrogate	%Recovery	Qualifier	Limits		
Dibromofluoromethane (Surr)	107		80 - 120		
4-Bromofluorobenzene (Surr)	104		80 - 120		
Toluene-d8 (Surr)	109		80 ₋ 120		

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

GC/MS VOA

Analys	is Batch	: 110688
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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48428-A-10 MS	Matrix Spike	Total/NA	Water	8260B	
440-48428-A-10 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-48546-1	S-1	Total/NA	Water	8260B	
440-48546-2	S-2	Total/NA	Water	8260B	
440-48546-3	S-3	Total/NA	Water	8260B	
440-48546-4	S-4	Total/NA	Water	8260B	
LCS 440-110688/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-110688/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 110689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48428-A-10 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-48428-A-10 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-48546-1	S-1	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-48546-2	S-2	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-48546-3	S-3	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-48546-4	S-4	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 440-110689/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 440-110689/4	Method Blank	Total/NA	Water	8260B/CA_LUFT	
				MS	

Analysis Batch: 111067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48546-5	S-6	Total/NA	Water	8260B	
440-48547-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-48547-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-111067/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-111067/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 111114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48546-5	S-6	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-48547-A-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT	
*				MS	
440-48547-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 440-111114/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
		·		MS	
MB 440-111114/4	Method Blank	Total/NA	Water	8260B/CA_LUFT	
				MS	

Analysis Batch: 112030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48546-7	S-9	Total/NA	Water	8260B	
440-48546-7 MS	S-9	Total/NA	Water	8260B	
440-48546-7 MSD	S-9	Total/NA	Water	8260B	

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

Analysis Batch: 11203	30 (Continued)				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-112030/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-112030/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 112031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep	Batch
440-48546-7	. S-9	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-48546-7 MS	S-9	Total/NA	Water	8260B/CA_LUFT	•
				MS	
440-48546-7 MSD	S-9	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 440-112031/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 440-112031/4	Method Blank	Total/NA	Water	8260B/CA_LUFT	
				MS	

Analysis Batch: 112160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48546-6	S-8	Total/NA	Water	8260B	
440-49086-D-13 MS	Matrix Spike	Total/NA	Water	8260B	•
440-49086-D-13 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-112160/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-112160/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 112161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48546-6	S-8	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-49086-D-13 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-49086-D-13 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 440-112161/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 440-112161/4	Method Blank	Total/NA	Water	8260B/CA_LUFT	
				MS	

Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND ·	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEO	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-48546-1

Laboratory: TestAmerica Irvine

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

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

^{*} Expired certification is currently pending renewal and is considered valid.

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9 06/07/B

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-48546-1

Login Number: 48546

List Source: TestAmerica Irvine

List Number: 1

Creator: Escalante, Maria

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

APPENDIX C

BROADBENT & ASSOCIATES, INC. –
GROUNDWATER MONITORING DATA TABLES FOR ARCO STATION NO. 2035

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

			Top of	Bottom of		Product	Water Level			Concentr	ations in μ	g/L				
Well ID and Date Monitored	P/NP	TOC (feet)	Screen (ft bgs)	Screen (ft bgs)	DTW (feet)	Thickness (feet)	Elevation (feet)	GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	МТВЕ	DO (mg/L)	рН	Footnote
MW-1																
4/11/2002	P	41.41	15.00	30.00	10.73	0.00	30.68	800	360	<5.0	<5.0	<5.0	<50			
11/27/2002	Р	السواطين أن ارتفاء الإسانية	15.00	30.00	10.22	0.00	31.19	<50	<0.50	<0.50	<0.50	<0.50	1.7	1.1	77	
6/3/2003		r Maria esta de 11 du	15.00	30.00	9.14	0.00	32.27	1,700	430	<5.0	24	11	8.6	1.7		AND ALERT OF A TOUR CONTROL
11/13/2003	P	43.55	15.00	30.00	10.17	0.00	33.38	<50	<0.50	<0.50	<0.50	<0.50	0.95	2.3	6.5	a -
05/12/2004	Р	District Control of the Control of t	15.00	30.00	9.28	0.00	34.27	120	7.2	<0.50	<0.50	<0.50	3.0	1.6	6.0	Table a service of Proceedings of the
12/01/2004	Р	land of the	15.00	30.00	9.16	0.00	34.39	<50	0.94	<0.50	<0.50	1.1	2.4	5.2	6.6	
05/02/2005	P	La La Pilla Barr	15.00	30.00	8.58	0.00	34.97	1,300	390	<5.0	12	6.4	8.8	2.8	6.5	Maria anna fara da esta e
11/16/2005	Р		15.00	30.00	9.50	0.00	34.05	<50	<0.50	<0.50	<0.50	0.54	0.92	1.7	6.4	
5/31/2006	P		15.00	30.00	7.36	0.00	36.19	850	200	<2.5	5.4	<2.5	4.0	2.4	6.5	eresi edatus Villei vulli vil
12/6/2006	Р		15.00	30.00	9.91	0.00	33.64	<50	0.52	<0.50	<0.50	<0.50	0.72	4.50	6.99	
5/15/2007	P		15.00	30.00	9.65	0.00	33.90	67	6.6	<0.50	<0.50	<0.50	1.8	2.43	6.96	area de la composition della c
11/29/2007	P		15.00	30.00	9.11	0.00	34.44	<50	<0.50	<0.50	<0.50	<0.50	0.98	4.51	6.81	
5/6/2008	P		15.00	30.00	8.25	0.00	35.30	890	140	0.53	5.4	5.8	<0.50	1.89	6.61	a kituri firt. Jirkomatoriaksa (
11/24/2008	Р		15.00	30.00	10.55	0.00	33.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.83	6.67	D. Charles us
4/9/2009	POLEN AND CHE		15.00	30.00	9.02	0.00	34.53		# 14 1944 (17 44 LEXIX) 	alkāti ali intervietā —	Erf fire was alos 	541.24115.04481 				d
11/24/2009	. J 		15.00	30.00	9.24	0.00	34.31	987 <u>4</u> 30						1544		
5/26/2010		Date de Calife	15.00	30.00	8.47	0.00	35.08	urudak errêki	á Biolado Villiani. —							or to the Mariana and the
11/30/2010	priyo 🚅 Titu	345.424	15.00	30.00	8.62	0.00	34.93			/ <u>-</u>						
2/16/2011	Р	Magazas (II)	15.00	30.00	8.64	0.00	34.91	Sadulu, Aug		li Newson de Conso 						Albanda - New Year Artis
5/11/2011		245.42 ₃₉	15.00	30.00	8.24	0.00	35.31	5.4%		\$05 1 555			7.002974		A.F.S	\$340 July
11/28/2011		Juani Mudhidi	15.00	30.00	9.48	0.00	34.07		######################################				Listin B. 1898			e de America (Menor) in la como
6/5/2012			15.00	30.00	8.62	0.00	34.93								NÇ.	
12/6/2012		a del districto	15.00	30.00	7.71	0.00	35.84	Turkensiini 	l			Azzarisa- Artifilit 	i sessibilantiki li 			M. Arrist. 188
6/4/2013			15.00	30.00	9.66	0.00	33.89	74. 			la - Sa					ATWARE,
MW-2																
4/11/2002	P	40.38	20.00	29.00	11.05	0.00	29.33	<50	<0.50	<0.50	<0.50	<0.50	24			
11/27/2002	Р		20.00	29.00	10.51	0.00	29.87	<50	<0.50	<0.50	<0.50	<0.50	5.4	2.6		
6/3/2003		- auto- 179	20.00	29.00	9.78	0.00	30.60	<50	<0.50	<0.50	<0.50	<0.50	23	1.7	# 617 	produkternedd yr kilo
11/13/2003	Р	42.52	20.00	29.00	10.69	0.00	31.83	<50	<0.50	<0.50	<0.50	<0.50	9.5	2.3	6.5	a a
05/12/2004	P		20.00	29.00	10.34	0.00	32.18	<250	<2.5	<2.5	<2.5	<2.5	27	2.2	6.6	uti a A Marini in sa

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

			Top of	Bottom of		Product	Water Level			Concentr	ations in µg	g/L				
Well ID and Date Monitored	P/NP	TOC (feet)	Screen (ft bgs)	Screen (ft bgs)	DTW (feet)	Thickness (feet)	Elevation (feet)	GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	МТВЕ	DO (mg/L)	рН	Footnote
MW-2 Cont.					*					,				TOTAL DESIGNATION OF THE PERSON		
12/01/2004	. Р	42.52	20.00	29.00	10.28	0.00	32.24	<50	<0.50	<0.50	<0.50	0.70	17	3.9	6.6	
05/02/2005	P		20.00	29.00	9.50	0.00	33.02	<50	<0.50	<0.50	<0.50	<0.50	25	3.1	6.6	
11/16/2005	Р		20.00	29.00	10.50	0.00	32.02	<50	<0.50	<0.50	<0.50	0.50	7.6	2.8	6.4	
5/31/2006	P		20.00	29.00	10.03	0.00	32.49	<50	<0.50	<0.50	<0.50	<0.50	24	2.0	6.6	
12/6/2006	Р		20.00	29.00	10.28	0.00	32.24	<50	<0.50	<0.50	<0.50	<0.50	1.6	3.72	6.91	
5/15/2007	P		20.00	29.00	10.00	0.00	32.52	<50	<0.50	<0.50	<0.50	<0.50	44	2.90	6.69	
11/29/2007	Р	2.02 8000 604.04	20.00	29.00	10.13	0.00	32.39	<50	<0.50	<0.50	<0.50	<0.50	1,9	4.83	6.89	
5/6/2008	P		20.00	29.00	9.55	0.00	32.97	<50	<0.50	<0.50	<0.50	<0.50	35	1.88	6.62	
11/24/2008	P	Park Caracter	20.00	29.00	10.70	0.00	31.82	<50	<0.50	<0.50	<0.50	<0.50	4.3	1.83	6.74	
4/9/2009	jugar <mark>-1</mark> 75 (3	42.57	20.00	29.00	9.68	0.00	32.89		1 3 3 6 7 1 1 1 2 4	wyo.						d
11/24/2009	s garage d'ente	715 /s - s - a - 65	20.00	29.00	10.48	0.00	32.09	russus State State State State State State State State State State State State State State State State State St	* ************************************					-		
5/26/2010	Sagari a- ortod	SPANISHER SPANISH	20.00	29.00	9.65	0.00	32.92	y 12 Hg			4.3			-		
11/30/2010		ACM at Colories	20.00	29.00	9.84	0.00	32.73	eti, berlin, Fedici	1 1151.1 341.7 LAR					a linda walita		
2/16/2011	Р		20.00	29.00	9.39	0.00	33.18		1.5.						3-1	
5/11/2011		aten bennetas.	20.00	29.00	9.68	0.00	32.89	estiliai ealemaaaa 		- 155 vet on de laboration - 			Fritzer/Michigania.			
11/28/2011	12-1 <mark>-2</mark> -13-4		20.00	29.00	10.12	0.00	32.45					osa, og samel Geladi e t a sessi				
6/5/2012	1911 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		20.00	29.00	10.20	0.00	32.37	ani takninii la —					infandijan diskide 	# 1.2.22.20 s.m. 		
12/6/2012			20.00	29.00	8.19	0.00	34.38			4.5						
6/4/2013	eri. Aus era ur alirain. 	u Park Malabas Aust	20.00	29.00	10.40	0.00	32.17				ISSN 1. S181	(1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.				and the little of the second
MW-3						o.								-		:
4/11/2002	Р	41.44	13.00	33.00	11.05	0.00	30.39	250	9.4	<0.50	<0.50	<0.50	120			
11/27/2002	Р		13.00	33.00	10.49	0.00	30.95	<100	<1.0	<1.0	<1.0	2.5	56	2.2		
6/3/2003	3 34 13 3 3 69 44 1	of ad forth said w	13.00	33.00	9.44	0.00	32.00	130	<0.50	<0.50	<0.50	<0.50	47	4.1		
11/13/2003	Р	43.62	13.00	33.00	10.68	0.00	32.94	53	<0.50	<0.50	<0.50	<0.50	36	3.8	6.8	а
05/12/2004	P	Section (1.11)	13.00	33.00	9.95	0.00	33.67	65	<0.50	<0.50	<0.50	<0.50	39	4.2	6.9	
12/01/2004	Р		13.00	33.00	10.32	0.00	33.30	140	<0.50	<0.50	<0.50	<0.50	37	4.3	6.9	
05/02/2005	Р	r, Pirites, adilai,	13.00	33.00	9.12	0.00	34.50	140	<0.50	<0.50	<0.50	<0.50	23	3.1	6.7	
11/16/2005	P		13.00	33.00	10.58	0.00	33.04	<50	<0.50	<0.50	<0.50	<0.50	32	4.1	6.5	
5/31/2006	Р	Saladista Tryonan	13.00	33.00	9.41	0.00	34.21	<50	<0.50	<0.50	<0.50	<0.50	20	4.3	6.8	
12/6/2006	Р		13.00	33.00	10.25	0.00	33.37	<50	<0.50	<0.50	<0.50	<0.50	20	2.71	7.00	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

	-		Top of	Bottom of		Product	Water Level			Concentr	ations in µg	g/L				
Well ID and		тос	Screen	Screen	DTW	Thickness	Elevation	GRO/			Ethyl-	Total		DO		
Date Monitored	P/NP	(feet)	(ft bgs)	(ft bgs)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	МТВЕ	(mg/L)	рН	Footnote
MW-3 Cont.													,			
5/15/2007	Р	43.62	13.00	33.00	9.70	0.00	33.92	<50	<0.50	<0.50	<0.50	<0.50	40	5.89	7.07	
11/29/2007	Р		13.00	33.00	10.08	0.00	33.54	90	<0.50	<0.50	<0.50	<0.50	35	4.74	6.61	
5/6/2008	Р	Landa Santa Cara	13.00	33.00	10.02	0.00	33.60	<50	<0.50	<0.50	<0.50	<0.50	14	2.05	6.61	: ••• •••• • ••• •••
11/24/2008	., P :		13.00	33.00	10.80	0.00	32.82	<50	<1.0	<1.0	<1.0	<1.0	28	1.98	6.77	
4/9/2009		43.63	13.00	33.00	9.55	0.00	34.08	-			-			-		d
11/24/2009	<u>.</u>		13.00	33.00	10.29	0.00	33.34	lat 66	1 57-158			y -		1 -		
5/26/2010	 .	10 10 2010 10 664 10	13.00	33.00	9.76	0.00	33.87								-	
11/30/2010			13.00	33.00	10.15	0.00	33.48	-	25 - Sa	100 / T-12 (1)		i di		-		A PARTO DA C
2/16/2011	Р	affin to a con-	13.00	33.00	9.22	0.00	34.41				. (c. 14/2) which is the state of the state			-		100 K 100 K 100 KK 10 KK
5/11/2011		La Nava Ali	13.00	33.00	9.55	0.00	34.08			3V.				-		
11/28/2011	t avetelisk.		13.00	33.00	10.06	0.00	33.57	Proceedings to a						-		
6/5/2012			13.00	33.00	9.92	0.00	33.71	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		1 to -1 to 3						111 a 1 4). 1 6 a 5 d a
12/6/2012		1000	13.00	33.00	8.10	0.00	35.53									in Madage Committee as
6/4/2013			13.00	33.00	10.46	0.00	33.17			00 - 700	ists - 34		-	-		Billion I
MW-4									,					-		
4/11/2002	NP	40.33	9.00	26.00	10.81	0.00	29.52	<50	<0.50	<0.50	<0.50	<0.50	11			
11/27/2002	NP		9.00	26.00	10.09	0.00	30.24	<50	<0.50	<0.50	<0.50	<0.50	6.5	1.8		
6/3/2003		P	9.00	26.00	8.62	0.00	31.71	<250	<2.5	<2.5	<2.5	<2.5	120	1.1		
11/13/2003	NP	42.48	9.00	26.00	9.98	0.00	32.50	<50	<0.50	<0.50	<0.50	<0.50	20	1.3	6.2	а
05/12/2004	Р	Profession Victoria	9.00	26.00	9.48	0.00	33.00	<250	<2.5	<2.5	<2.5	<2.5	79	2.9	6.6	
12/01/2004	NP		9.00	26.00	9.60	0.00	32.88	<50	<0.50	<0.50	<0.50	<0.50	1.8	1.9	6.7	
05/02/2005	NP	litera e prima i	9.00	26.00	8.67	0.00	33.81	<50	<0.50	<0.50	<0.50	<0.50	11	2.8	6.6	
11/16/2005	NP		9.00	26.00	10.00	0.00	32.48	<50	<0.50	<0.50	<0.50	<0.50	0.93	1.7	6.3	
5/31/2006	NP	are an area.	9.00	26.00	8.52	0.00	33.96	<50	<0.50	<0.50	<0.50	<0.50	2.4	1.0	7.0	120 CONTROL DESCRIPTION OF THE
12/6/2006	NP	red A.	9.00	26.00	9.90	0.00	32.58	<50	<0.50	<0.50	<0.50	<0.50	7.8	0.85	7.10	
5/15/2007	NP	Linger over Elling	9.00	26.00	9.18	0.00	33.30	<50	<0.50	<0.50	<0.50	<0.50	2.2	1.37	6.85	**************************************
11/29/2007	NP		9.00	26.00	9.10	0.00	33.38	<50	<0.50	<0.50	<0.50	<0.50	9.1	1.81	7.14	
5/6/2008	Р	Broker Line To	9.00	26.00	9.40	0.00	33.08	<50	<0.50	<0.50	<0.50	<0.50	10	2.61	6.91	n in anten de les labors
11/24/2008	NP		9.00	26.00	10.20	0.00	32.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.67	6.88	
4/9/2009	Р	42.51	9.00	26.00	9.00	0.00	33.51	<50	<0.50	<0.50	<0.50	<0.50	12	2.51	7.11	d

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ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

			Top of	Bottom of		Product	Water Level			Concentr	ations in με	g/L				
Well ID and		тос	Screen	Screen	DTW	Thickness	Elevation	GRO/	,		Ethyl-	Total		DO		
Date Monitored	P/NP	(feet)	(ft bgs)	(ft bgs)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	рН	Footnote
MW-4 Cont.																
11/24/2009	Р	42.51	9.00	26.00	9.89	0.00	32.62	<50	<0.50	<0.50	<0.50	<0.50	1.7	0.80	6.58	
5/26/2010	Р	1	9.00	26.00	8.79	0.00	33.72	<50	<0.50	<0.50	<0.50	<0.50	1.4	0.98	6.0	
11/30/2010	Р		9.00	26.00	9.31	0.00	33.20			4		42.0	(18 es - 18 f	1.40	6.4	f
2/16/2011	Р		9.00	26.00	8.50	0.00	34.01	<50	<0.50	<0.50	<0.50	<0.50	2.1	0.91	7.1	
5/11/2011	P		9.00	26.00	8.80	0.00	33.71	<50	<0.50	<0.50	<0.50	<0.50	0.75	1.43	6.8	
11/28/2011	P		9.00	26.00	9.53	0.00	32.98	<50	<0.50	0.61	<0.50	0.69	0.67	0.75	6.8	
6/5/2012	P		9.00	26.00	9.40	0.00	33.11	<50	<0.50	<0.50	<0.50	<0.50	1.2	1.66	6.67	
12/6/2012	Р	11111	9.00	26.00	7.58	0.00	34.93	<50	<0.50	<0.50	<0.50	<1.0	2.5	4.27	7.50	
6/4/2013	P		9.00	26.00	9.87	0.00	32.64	<50	<0.50	<0.50	<0.50	<1.0	0.54	1.49	5.95	i ara-iri
MW-5																
4/11/2002	NP	41.84	8.00	25.00	10.63	0.00	31.21	<50	<0.50	<0.50	<0.50	<0.50	<5.0			
11/27/2002	NP		8.00	25.00	10.65	0.00	31.19		i A shi						-	
6/3/2003		1114 - 513114 SAUGE	8.00	25.00	8.92	0.00	32.92	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8		
11/13/2003	NP	44.03	8.00	25.00	10.58	0.00	33.45	<50	<0.50	<0.50	<0.50	<0.50	0.79	1.4	5.7	а
05/12/2004	N. 4 - 1. 4 - 4. 	10.000	8.00	25.00	9.95	0.00	34.08							-	-	
12/01/2004	NP		8.00	25.00	10.05	0.00	33.98	<50	<0.50	<0.50	<0.50	<0.50	0.55	1.8	6.3	
05/02/2005			8.00	25.00	8.75	0.00	35.28		marieniniii ma					-		
11/16/2005	NP	The said	8.00	25.00	10.37	0.00	33.66	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	6.2	
5/31/2006	maselebe i	o 15 den and	8.00	25.00	9.07	0.00	34.96							-		67 aga assar (a. 6.00)
12/6/2006	NP	56950	8.00	25.00	10.25	0.00	33.78	<50	<0.50	<0.50	<0.50	<0.50	0.99	1.24	6.88	
5/15/2007		18.0	8.00	25.00	9.51	0.00	34.52							-		15 W. 11 J. 11 W. 12
11/29/2007	NP		8.00	25.00	9.95	0.00	34.08	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.93	6.98	
5/6/2008		k kraninski 1990	8.00	25.00	9.67	0.00	34.36	7 15 est 1 - 0 								
11/24/2008	NP		8.00	25.00	10.62	0.00	33.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.43	6.52	
4/9/2009			8.00	25.00	12.00	0.00	32.03		5 B-34613 140 B8							d
11/24/2009	Р		8.00	25.00	10.34	0.00	33.69	<50	<0.50	1.4	<0.50	<0.50	0.89	0.94	6.1	
5/26/2010			8.00	25.00	9.21	0.00	34.82	1.5 1 (54.8 4) 	-		70 F00 / Lauren 1		Lin - DestAsilation			
11/30/2010	1.56/ P 55		8.00	25.00	9.85	0.00	34.18								6.17	f
2/16/2011	Р		8.00	25.00	9.01	0.00	35.02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.23	6.9	
5/11/2011	 a_a		8.00	25.00	9.44	0.00	34.59		<u> </u>					_		

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

			Top of	Bottom of		Product	Water Level			Concentr	ations in μ	g/L				
Well ID and		тос	Screen	Screen	DTW	Thickness	Elevation	GRO/			Ethyl-	Total		DO		
Date Monitored	P/NP	(feet)	(ft bgs)	(ft bgs)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	рΗ	Footnote
MW-5 Cont.																
11/28/2011	Р	44.03	8.00	25.00	10.06	0.00	33.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.10	6.5	
6/5/2012	4,44 <u>-</u> 41,11		8.00	25.00	9.88	0.00	34.15			-	. : : = ·	71 (1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			-	
12/6/2012	Р	11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	8.00	25.00	7.91	0.00	36.12	<50	<0.50	<0.50	<0.50	<1.0	<0.50	4.44	7.26	
6/4/2013	23 - 3-1	1 4 4 75 140 3	8.00	25.00	10.43	0.00	33.60	w[.,=-***		.45) + 45				-		
MW-6			-													
4/11/2002	NP	40.13	8.00	25.00	11.42	0.00	28.71	<50	<0.50	<0.50	<0.50	<0.50	<5.0			
11/27/2002	NP	Tarih Tarih	8.00	25.00	13.11	0.00	27.02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3		
6/3/2003			8.00	25.00	12.48	0.00	27.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1		
11/13/2003	NP	42.26	8.00	25.00	13.11	0.00	29.15	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.8	а
05/12/2004			8.00	25.00	12.68	0.00	29.58			-				-		
12/01/2004	NP		8.00	25.00	12.68	0.00	29.58	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	7.3	
05/02/2005			8.00	25.00	12.25	0.00	30.01			-				-	-	
11/16/2005	NP		8.00	25.00	12.98	0.00	29.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.7	
5/31/2006		4 5 1 L5 5 4 6 1 1 3 1 4 L 4 4	8.00	25.00	12.35	0.00	29.91		to Material Control of	-					-	12.5 12.51 14.51
12/6/2006	NP	projeki u	8.00	25.00	12.98	0.00	29.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.24	6.86	Prairie (i.)
5/15/2007			8.00	25.00	12.55	0.00	29.71							-	-	
11/29/2007	NP		8.00	25.00	12.75	0.00	29.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	-	6.93	
5/6/2008			8.00	25.00	12.91	0.00	29.35						-	-	-	
11/24/2008	NP	digital de	8.00	25.00	13.20	0.00	29.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.28	7.25	
4/9/2009	. 	42.31	8.00	25.00	12.52	0.00	29.79							-		d
11/24/2009	P		8.00	25.00	12.90	0.00	29.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.83	6.59	
5/26/2010			8.00	25.00	12.17	0.00	30.14									
11/30/2010	P		8.00	25.00	12.45	0.00	29.86			-				1.20	7.2	f
2/16/2011	Р	Free Law Telliparity. I	8.00	25.00	11.95	0.00	30.36	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.02	6.9	
5/11/2011			8.00	25.00	12.35	0.00	29.96				0.550021 500027 1000					
11/28/2011	Р		8.00	25.00	12.62	0.00	29.69	<50	<0.50	0.74	<0.50	0.64	<0.50	0.91	7.2	
6/5/2012	irgi . Ka		8.00	25.00	12.60	0.00	29.71				. S. = S.					
12/6/2012	Р		8.00	25.00	10.66	0.00	31.65	<50	<0.50	<0.50	<0.50	<1.0	<0.50	3.33	7.85	
6/4/2013			8.00	25.00	12.90	0.00	29.41				- -					

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

			Top of	Bottom of		Product	Water Level			Concentr	ations in µg	g/L				
Well ID and	5 (415	TOC	Screen	Screen	DTW	Thickness	Elevation	GRO/	Pausana	Talvana	Ethyl-	Total	MTBE	DO (mg/l)	На	Footnote
Date Monitored	P/NP	(feet)	(ft bgs)	(ft bgs)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	IVITBE	(mg/L)	рп	rootnote
MW-7																
4/9/2009	P _.	43.18	6.00	16.00	6.73	0.00	36.45	4,100	5.2	1.7	21	21	<0.50	8.41	7.79	d
11/24/2009	P		6.00	16.00	8.31	0.00	34.87	2,700	4.1	1.1	3.3	3.0	<0.50	0.60	6.8	C C
5/26/2010	Р		6.00	16.00	6.62	0.00	36.56	1,800	1.2	0.53	2.2	0.84	<0.50	0.71	6.6	
11/30/2010	Р		6.00	16.00	6.84	0.00	36.34			i				0.79	6.7	f
2/16/2011	P		6.00	16.00	5.44	0.00	37.74	2,000	1.4	0.84	8.0	1.4	<0.50	0.56	7.0	g
5/11/2011	Р		6.00	16.00	6.98	0.00	36.20	84	<0.50	<0.50	<0.50	<0.50	<0.50	1.76	7.1	lw
11/28/2011	Р		6.00	16.00	7.13	0.00	36.05	850	0.55	1.3	<0.50	2.5	<0.50	0.38	7.3	lw
6/5/2012	P		6.00	16.00	7.65	0.00	35.53	1,300	0.97	0.59	0.95	0.64	<0.50	1.95	7.04	
12/6/2012	P		6.00	16.00	3.30	0.00	39.88	880	1.4	0.57	1.4	<1.0	<0.50	4.90	7.78	Accepte the end of the control of
6/4/2013	Р		6.00	16.00	8.60	0.00	34.58	99	<0.50	<0.50	<0.50	<1.0	<0.50	1.31	6.51	
MW-8																
4/9/2009	P	42.36	6.00	19.00	9.50	0.00	32.86	4,300	940	260	150	590	110	2.09	7.62	d
11/24/2009	P	avi Jehr er	6.00	19.00	10.25	0.00	32.11	28,000	9,900	670	1,300	2,200	<100	0.64	6.48	С
5/26/2010	P		6.00	19.00	9.25	0.00	33.11	1,400	420	<10	21	<10	<10	0.78	6.6	na addiesalija stati i siis
11/30/2010	Р.		6.00	19.00	9.68	0.00	32.68	y <u>-</u>	lastas T a					2.26	6.6	f f
2/16/2011	P	100	6.00	19.00	8.95	0.00	33.41	960	270	<5.0	50	<5.0	<5.0	3.35	6.9	g
5/11/2011	Р		6.00	19.00	9.43	0.00	32.93	1,200	290	<4.0	57	4.5	<4.0	0.94	7.2	lw
11/28/2011	Р		6.00	19.00	9.85	0.00	32.51	<50	<0.50	0.59	<0.50	0.53	<0.50	3.64	7.2	0.940 p. 1
6/5/2012	P		6.00	19.00	9.72	0.00	32.64	890	170	1.9	92	16	2.1	1.31	6.99	il zanetin
12/6/2012	Р	3 20 11 11 17	6.00	19.00	7.19	0.00	35.17	80	18	<0.50	6.8	1.2	<0.50	6.59	8.01	Later to the second of
6/4/2013	Р	37 (45.6)	6.00	19.00	10.21	0.00	32.15	260	70	1.1	34	1.6	2.0	1.50	6.21	
MW-9																
4/9/2009	Р	43.77	6.00	16.00	8.95	0.00	34.82	<50	<0.50	<0.50	<0.50	<0.50	2.1	2.81	7.58	d
11/24/2009	Р	ings a	6.00	16.00	10.11	0.00	33.66	<50	<0.50	<0.50	<0.50	<0.50	3.8	-	6.3	
5/26/2010	Р	V. 35.5	6.00	16.00	8.88	0.00	34.89	<50	<0.50	<0.50	<0.50	<0.50	1.9	0.66	5.7	
11/30/2010	Р		6.00	16.00	9.56	0.00	34.21							0.64	6.3	f
2/16/2011	Р	ptoticis para	6.00	16.00	8.65	0.00	35.12	<50	<0.50	<0.50	<0.50	<0.50	3.8	0.55	6.6	
5/11/2011	Р		6.00	16.00	9.06	0.00	34.71	<50	<0.50	<0.50	<0.50	<0.50	1.2	1.22	6.6	
11/28/2011	P	1	6.00	16.00	9.75	0.00	34.02	<50	<0.50	0.70	<0.50	0.72	9.1	0.50	6.8	i, and seek the body

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

			Top of	Bottom of		Product	Water Level			Concentr	ations in μ	g/L				
Well ID and		тос	Screen	Screen	DTW	Thickness	Elevation	GRO/			Ethyl-	Total		DO		
Date Monitored	P/NP	(feet)	(ft bgs)	(ft bgs)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	МТВЕ	(mg/L)	рН	Footnote
MW-9 Cont.																
6/5/2012	P	43.77	6.00	16.00	9.57	0.00	34.20	<50	<0.50	<0.50	<0.50	<0.50	4.8	1.45	6.32	
12/6/2012	Р	t garantan da SE PES	6.00	16.00	6.95	0.00	36.82	<50	<0.50	<0.50	<0.50	<1.0	6.4	2.25	7.23	ette. Kas i Ettetti inke s
6/4/2013	Р		6.00	16.00	10.17	0.00	33.60	<50	<0.50	<0.50	<0.50	<1.0	3.5	1.58	5.40	
RW-1																
4/11/2002	Р	40.33	11.00	26.00	9.20	0.00	31.13	15,000	750	2,000	380	2,000	1,500	_		
11/27/2002	Р		11.00	26.00	10.31	0.00	30.02	<2,500	720	<25	<25	<25	<25	1.8	ļ. <u>-</u>	
6/3/2003		Santaers (A)	11.00	26.00	9.54	0.00	30.79	470	78	0.97	4.3	9	48	1.4		
11/13/2003	P	42.35	11.00	26.00	10.35	0.00	32.00	130	29	<0.50	<0.50	<0.50	44	1.3	6.6	a
05/12/2004	P	netual ntals lo	11.00	26.00	9.80	0.00	32.55	<250	66	<2.5	<2.5	<2.5	<2.5	1.9	6.9	
09/02/2004		328(8)	11.00	26.00	10.42	0.00	31.93	155-55				33-4 W		dia H ais,		
10/07/2004		HE POTE HARTING	11.00	26.00	10.36	0.00	31.99						1 Min 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
11/04/2004			11.00	26.00	9.93	0.00	32.42		45-54		86-3					
12/01/2004	Р		11.00	26.00	10.02	0.00	32.33	<250	96	<2.5	<2.5	<2.5	16	1.8	6.7	
05/02/2005	Р	10 10 90 11 11 11 11 12 11	11.00	26.00	9.20	0.00	33.15	230	100	<1.0	<1.0	<1.0	50	2.5	6.6	
11/16/2005	Р		11.00	26.00	10.96	0.00	31.39	<100	28	<1.0	<1.0	<1.0	32	1.0	6.5	
5/31/2006	Р		11.00	26.00	9.34	0.00	33.01	320	32	<0.50	<0.50	<0.50	28	1.3	6.8	
12/6/2006	Р	erman erus saas sis	11.00	26.00	10.10	0.00	32.25	50	27	<0.50	<0.50	<0.50	19	1.49	7.54	
5/15/2007	Р		11.00	26.00	9.42	0.00	32.93	280	32	<0.50	<0.50	<0.50	18	2.61	7.10	
11/29/2007	Р		11.00	26.00	9.75	0.00	32.60	<50	14	<0.50	<0.50	<0.50	18	4.86	8.14	
5/6/2008	Р		11.00	26.00	9.71	0.00	32.64	610	110	<2.5	<2.5	<2.5	2.6	2.48	6.95	Wales of
11/24/2008	Р	a construction of the	11.00	26.00	10.48	0.00	31.87	73	31	<0.50	<0.50	<0.50	11	2.53	6.88	
4/9/2009	P	42.23	11.00	26.00	9.46	0.00	32.77	720	36	<0.50	1.0	1.2	4.0	2.58	7.73	d
11/24/2009	Р		11.00	26.00	10.15	0.00	32.08	<50	2.0	<0.50	<0.50	<0.50	6.5	0.85	6.6	
5/26/2010	Р		11.00	26.00	9.12	0.00	33.11	90	11	<0.50	<0.50	<0.50	0.94	1.46	6.4	
11/30/2010	Р		11.00	26.00	9.38	0.00	32.85	-						2.10	7.2	f
2/16/2011	P		11.00	26.00	9.15	0.00	33.08	1,600	370	2.9	2.6	2.9	1.3	0.76	7,0	
5/11/2011	Р		11.00	26.00	9.56	0.00	32.67	1,600	79	<2.0	<2.0	2.0	<2.0	0.91	7.4	lw
11/28/2011	P		11.00	26.00	9.69	0.00	32.54	<50	<0.50	0.54	<0.50	<0.50	<0.50	3.05	7.3	
6/5/2012	Р		11.00	26.00	9.63	0.00	32.60	1,000	49	1.3	<0.50	0.86	<0.50	1.43	6.75	
12/6/2012	Р		11.00	26.00	7.66	0.00	34.57	380	200	1.5	<1.0	<2.0	<1.0	1.52	7.34	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

			Top of	Bottom of		Product	Water Level			Concentr	ations in µg	g/L			-	
Well ID and		тос	Screen	Screen	DTW	Thickness	Elevation	GRO/			Ethyl-	Total		DO		
Date Monitored	P/NP	(feet)	(ft bgs)	(ft bgs)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	рН	Footnote
RW-1 Cont.							4									
6/4/2013	• Р	42.23	11.00	26.00	10.10	0.00	32.13	<50	<0.50	<0.50	<0.50	<1.0	<0.50	1.31	6.16	
S-5								0 2 2 3 3								-
4/11/2002	P	40.33	6.00	16.00	10.17	0.00	30.16	30,000	390	1,400	410	7,400	<500			
11/27/2002	Р		6.00	16.00	9.77	0.00	30.56	55,000	1,300	450	1,400	13,000	<50	4.3		
6/3/2003		8 WYs	6.00	16.00	9.03	0.00	31.30	44,000	680	260	1,100	9,900	<25	1.9		post contrations
6/3/2003		i u eragaj ji a likin Ali Kilon i gjende ken Sel	6.00	16.00	9.12	0.00	31.21	44,000	680	260	1,100	9,900	<25	1.9		
6/3/2003		russile ulre	6.00	16.00	9.03	0.00	31.30	managatum (it.		Pri 100 AND 100 AND 100 			<25	1.4		La la Calabara de Mari
6/3/2003		White	6.00	16.00	9.12	0.00	31.21			78.44 X			<25	1.4		
11/13/2003	Р	41.83	6.00	16.00	9.12	0.00	32.71	31,000	520	120	690	5,900	<50	1.4	6.5	a
05/12/2004	P	Service and garde	6.00	16.00	9.95	0.00	31.88	28,000	760	79	910	5,000	<50	1.9	6.6	
12/01/2004	Р	i (ini interestant	6.00	16.00	9.61	0.00	32.22	26,000	1,500	64	1,400	4,000	<25		6.5	b
05/02/2005	Р		6.00	16.00	8.80	0.00	33.03	13,000	700	18	260	1,300	<5.0	1.8	6.4	for in the second
11/16/2005	P	somaak D.K.	6.00	16.00	9.80	0.00	32.03	15,000	1,400	25	570	850	<5.0	1.1	6.3	
5/31/2006	P	in transfer	6.00	16.00	8.89	0.00	32.94	9,800	170	<5.0	490	390	<5.0	1.4	6.6	
12/6/2006	P	. A State of the	6.00	16.00	9.65	0.00	32.18	16,000	1,100	<25	1,700	970	<25	1.23	6.95	
5/15/2007	P		6.00	16.00	8.89	0.00	32.94	10,000	140	<5.0	340	310	<5.0	3.63	7.10	
11/29/2007	Р	and the same of th	6.00	16.00	9.48	0.00	32.35	13,000	770	8.6	500	360	<2.5	5.42	7.28	c (Benzene)
5/6/2008	Р		6.00	16.00	9.30	0.00	32.53	7,400	320	2.8	580	130	<0.50	3.37	6.88	
11/24/2008	Р	Mateurius Ivu	6.00	16.00	10.00	0.00	31.83	7,700	400	<10	390	14	<10	3.22	6.43	
4/9/2009	p P	Maka.	6.00	16.00	8.90	0.00	32.93	7,700	230	<10	370	35	<10	3.14	7.77	Arja,
11/24/2009	, a, saari , 10, 10, 10, 10 		6.00	16.00						Maradanisi'' 		1941 - 1971 				е
5/26/2010			6.00	16.00		1000a <u>4</u> 853a		gara Sara ANTI da los			nakatan ji Paratan			-		
11/30/2010	P	Dottesson SALTR	6.00	16.00	8.92	0.00	32.91			.a. 1000- 4442 	'			0.62	6.6	f
2/16/2011	Р		6.00	16.00	8.57	0.00	33.26	2,700	26	<0.50	11	3.2	<0.50	1.34	7.5	
5/11/2011	P	12 2 3 3 4 4 4 4 4	6.00	16.00	8.85	0.00	32.98	1,500	19	0.58	9.7	2.2	<0.50	0.72	6.8	lw
11/28/2011		A mark of the Annual Colored C	6.00	16.00				ovidj a ni. J				 3.42. - 1		_	l	е
6/5/2012	P	. a Awali 1085	6.00	16.00	9.00	0.00	32.83	1,700	29	0.99	2.1	0.60	<0.50	1.44	6.68	
12/6/2012	P		6.00	16.00	6.89	0.00	34.94	1,700	24	1.7	3.3	2.0	<0.50	2.95	7.51	
6/4/2013	P	providing set	6.00	16.00	9.55	0.00	32.28	400	14	1.8	3.1	2.3	<0.50	1.41	5.98	

Symbols & Abbreviations:

- -- = Not analyzed/applicable/measured/available
- < = Not detected at or above laboratory reporting limit

ft bgs = Feet below ground surface

BTEX = Benzene, toluene, ethylbenzene and xylenes

DO = Dissolved oxygen

DTW = Depth to water in ft bgs

GRO = Gasoline range organics, range C4-C12

GWE = Groundwater elevation measured in ft

mg/L = Milligrams per liter

MTBE = Methyl tert butyl ether

NP = Not purged before sampling

P = Purged before sampling

TOC = Top of casing measured in ft

TPH-g = Total petroleum hydrocarbons as gasoline, analyzed using EPA Method 8015, Modified

μg/L = Micrograms per liter

SEQ/SEQM = Sequoia Analytical/Sequoia Morgan Hill Laboratories

Footnotes:

a = Site resurveyed by URS on 10/15/03 to NAVD '88

b = Sheen in well

c = Sample taken from VOA vial with air bubble >6mm

d = Well surveyed on 4/20/09

e = Well not monitored or sampled due to traffic control safety concerns

f = Samples were collected on 11/30/2010 but not able to be analyzed (frozen). Subsequent re-sampling could not occur in 4Q 2010

g = Quantitation of unknown hydrocarbon(s) in sample based on gasoline

lw = Quantitated against gasoline

Notes:

No sampling occurs at this site during the first and third quarters of each calendar year

TPH-g analyzed using EPA Method 8015, Modified and BTEX and MTBE by EPA method 8260B

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported

Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12

Values for DO and pH were obtained through field measurements

GRO analysis was completed by EPA method 8260B (C4-C12) for samples collected from the time period April 2006 through February 4, 2008. The analysis for GRO was changed to EPA method 8015B (C6-C12) for samples collected from the time period February 5, 2008 through the present

The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

				ions in μg/L	Concentrati				Well ID and
Footnote	EDB	1,2-DCA	TAME	ETBE	DIPE	MTBE	ТВА	Ethanol	Date Monitored
									MW-1
						<50			4/11/2002
	-			42 4 55		1.7			11/27/2002
er i de la la la Colombia del Colombia de la Colombia de la Colombia del Colombia de la Colombia del Colombia	<5.0	<5.0	<5.0	<5.0	<5.0	8.6	<200	<1000	6/3/2003
			<0.50	<0.50	<0.50	0.95	<20	<100	11/13/2003
	<0.50	<0.50	<0.50	<0.50	<0.50	3.0	<20	<100	05/12/2004
	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	<20	<100	12/01/2004
i province de militario de la compania de la compania de la compania de la compania de la compania de la compa La compania de militario de la compania de la compania de la compania de la compania de la compania de la comp	<5.0	<5.0	<5.0	<5.0	<5.0	8.8	220	<1,000	05/02/2005
	<0.50	<0.50	<0.50	<0.50	<0.50	0.92	<20	<100	11/16/2005
es mannaeuseauskaeka minnennin kilinnin humber eriken in het mennen eriken in het. A	<2.5	<2.5	<2.5	<2.5	<2.5	4.0	<100	<1,500	5/31/2006
HERE LEGISLES TO THE SECTION OF THE	<0.50	<0.50	<0.50	<0.50	<0.50	0.72	<20	<300	12/6/2006
tation of the second section of the second s	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<20	<300	5/15/2007
	<0.50	<0.50	<0.50	<0.50	<0.50	0.98	<20	<300	11/29/2007
e ekspeditistet 2000 s. 200 setterreitin viili s. Markkittings av et etterrikkeritiin. Il 100 ille ove T	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<300	5/6/2008
	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<300	11/24/2008
							-		MW-2
						24			4/11/2002
						5.4		e da m ar e (A. A.	11/27/2002
meditalistis laiku luolista mukada arii kuris 17 kille 44 ulmekilled luotta tarit tarit tarit 40 ku a	<0.50	0.94	<0.50	<0.50	<0.50	23	<20	<100	6/3/2003
		- 7 au 57 kaita	<0.50	<0.50	<0.50	9.5	<20	<100	11/13/2003
	<2.5	<2.5	<2.5	<2.5	<2.5	27	<100	<500	05/12/2004
	<0.50	0.74	<0.50	<0.50	<0.50	17	<20	<100	12/01/2004
MACO DE LA COMPANIO DE MEMORITA DE LA COMPANIO DE PRESENTACIONES DE LA COMPANIO DE LA COMPANIO DE LA COMPANIO EN COMPANIO DE COMPANIO DE COMPANIO DE LA COMPANIO DE LA COMPANIO DE LA COMPANIO DE LA COMPANIO DE LA COMPANIO	<0.50	<0.50	<0.50	<0.50	<0.50	25	75	<100	05/02/2005
a (1907)	<0.50	0.79	<0.50	<0.50	<0.50	7.6	<20	<100	11/16/2005
a in the distance company to the second as a second and the second	<0.50	0.66	<0.50	<0.50	<0.50	24	<20	<300	5/31/2006
a	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<20	<300	12/6/2006
adian hababatan kering 1 seberberah walik 1923 et berberanian bilangkan hababatan dalam kebabatan berberberah •	<0.50	1.2	<0.50	<0.50	<0.50	44	<20	<300	5/15/2007
	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<20	<300	11/29/2007
ud III	<0.50	0.93	<0.50	<0.50	<0.50	35	<10	<300	5/6/2008
	<0.50	<0.50	<0.50	<0.50	<0.50	4.3	<10	<300	11/24/2008
									MW-3

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and				Concentra	tions in µg/L				
Date Monitored	Ethanol	ТВА	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Footnote
MW-3 Cont.									
4/11/2002			120						·
11/27/2002	<u></u>		56		4354200		Jan 2005-2000		
6/3/2003	<100	<20	47	<0.50	<0.50	<0.50	<0.50	<0.50	Partick of the Albert Still Still repair of the swarfaming Off Still Allino Library by a second
11/13/2003	<100	<20	36	<0.50	<0.50	<0.50			
05/12/2004	<100	<20	39	<0.50	<0.50	<0.50	<0.50	<0.50	 Bodist (Note and agreemed) and the control of a standard formulation of the control
12/01/2004	<100	<20	37	<0.50	<0.50	<0.50	<0.50	<0.50	
05/02/2005	<100	<20	23	<0.50	<0.50	<0.50	<0.50	<0.50	pa turn 1955. 1864 bila est est et et et et en en en en en en en en en en en en en
11/16/2005	<100	<20	32	<0.50	<0.50	<0.50	<0.50	<0.50	
5/31/2006	<300	<20	20	<0.50	<0.50	<0.50	<0.50	<0.50	and a manifold the manifold of the control of the c
12/6/2006	<300	<20	20	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/15/2007	<300	<20	40	<0.50	<0.50	<0.50	<0.50	<0.50	ari Propositioni de America de Composition de Composition de la composition de la composition de la compositio La composition de la
11/29/2007	<300	<20	35	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<300	<10	14	<0.50	<0.50	<0.50	<0.50	<0.50	and the control of the explication of the standard for the end of
11/24/2008	<600	<20	28	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-4									
4/11/2002	·		11						
11/27/2002			6.5						
6/3/2003	<500	<100	120	<2.5	<2.5	<2.5	<2.5	<2.5	
11/13/2003	<100	<20	20	<0.50	<0.50	<0.50			
05/12/2004	<500	<100	79	<2.5	<2.5	<2.5	<2.5	<2.5	A contract to the first of the first open and the f
12/01/2004	<100	<20	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	
05/02/2005	<100	75	11	<0.50	<0.50	<0.50	<0.50	<0.50	The first of the program of the prog
11/16/2005	<100	<20	0.93	<0.50	<0.50	<0.50	<0.50	<0.50	
5/31/2006	<300	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	a
12/6/2006	<300	<20	7.8	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/15/2007	<300	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	para series and experience of the first of the following and an experience of the control of the
11/29/2007	<300	<20	9.1	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<300	<10	10	<0.50	<0.50	<0.50	<0.50	<0.50	is a summa anno etterro e rene e summa, se si e seudit BRA-e CCC edit i Aeste i sussi i uni se con estimati I
11/24/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/9/2009	<300	<10	12	<0.50	<0.50	<0.50	<0.50	<0.50	see peer spare of it is the city of the country continuence of militaries (CAM Edge (C
11/24/2009	<300	<10	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and				Concentrat	tions in μg/L				
Date Monitored	Ethanol	ТВА	МТВЕ	DIPE	ETBE	TAME	1,2-DCA	EDB	Footnote
MW-4 Cont.									
5/26/2010	<300	<10	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
5/11/2011	<300	<10	0.75	<0.50	<0.50	<0.50	<0.50	<0.50	 State of the STOP STATE STATE of the State of the STOP STATE STAT
11/28/2011	<300	<10	0.67	<0.50	<0.50	<0.50	<0.50	<0.50	
6/5/2012	<300	<10	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	
12/6/2012	<150	<10	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
6/4/2013	<150	<10	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	a militarita iran 1997 a gasal marka saamiista aalifaliita - saasiimaalaa militarkasi sa 1997 a sa Taran saasaa saasaa saasaa saasaa saasaa saasaa
MW-5									
4/11/2002			<5.0						
6/3/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/13/2003	<100	<20	0.79	<0.50	<0.50	<0.50		-	e paralisme een ee to solestaad oo Soor taar oo oo oo oo oo dhaad ee oo 1956 ee taar oo baar daar daaraa ah oo dhaab
12/01/2004	<100	<20	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	
11/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	al bankan kura kura ka ali ili kura kura kura kura kura kura kura kura
12/6/2006	<300	<20	0.99	<0.50	<0.50	<0.50	<0.50	<0.50	a a
11/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ay 1899-998 na 1994 be na alake ala a alaman ana andan menghi ne ana alam na alam angan menalahan ana angan men
11/24/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	 Author Enterediate Statement of Linux 1981 Conventions Section 40 for Linux 1983 Convention
2/16/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/6/2012	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-6	,								
4/11/2002			<5.0						
11/27/2002	<u>-</u>		<0.50	kang Liberah	7.11 17.7				
6/3/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	The control of the co
11/13/2003	<100	<20	<0.50	<0.50	<0.50	<0.50			
12/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ente tras estas que ésta un entiron entre esta una relatió de la unidad como tras de contidentitatió unidad ne Tras estas entre estas entre entre entre entre entre entre entre entre entre entre entre entre entre entre entre
11/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
12/6/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a suppose the contrate of the
11/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and				Concentrat	ions in µg/L				
Date Monitored	Ethanol	ТВА	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Footnote
MW-6 Cont.	,								
11/24/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	al legistroneesteetivatatatatatata tatalatata tatalata ah oo oo oo oo oo oo oo oo oo oo oo oo oo
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/6/2012	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	e. November 1990 in the control of t
MW-7									
4/9/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1 1/24/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
5/26/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	er a stantere te entre el ette en en ette ette ette ette ette
2/16/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/11/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	u Brotte Brest Witt stoff for de resultate Bertist i maleira i Lucium a stada i Audus Vide (1961) i 1961 i 196 I
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/5/2012	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a bugan (n. d., utan) uma (n. m. a. a. m. m. m. m. m. m. m. m. m. m. m. m. m.
12/6/2012	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/4/2013	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-8									
4/9/2009	<300	330	110	5.5	<0.50	<0.50	34	<0.50	
11/24/2009	<60,000	<2,000	<100	<100	<100	<100	<100	<100	
5/26/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	The salar hand for the first the three to all the factors and
2/16/2011	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
5/11/2011	<2,400	<80	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	e de la respectaçõe de describirado de respectações de de de de de de de de de de de de de
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/5/2012	<300	38	2,1	<0.50	<0.50	<0.50	<0.50	<0.50	 Limited St. (diff.) * 1 Limited St. (in the Control of State of St. (in the Control of Control of St.)
12/6/2012	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/4/2013	<150	26	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	 International Control of Contro
MW-9									
4/9/2009	<300	<10	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
5/26/2010	<300	<10	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	politica e an personamento esta Spatia (Carlo Desta Constanti Desta Desta Desta Desta Desta Desta Desta Desta Desta
2/16/2011	<300	<10	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
5/11/2011	<300	<10	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	and the survivors and the control of

Table 2. Summary of Fuel Additives Analytical Data ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored				Concentrat					
	Ethanol	ТВА	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Footnote
MW-9 Cont.	-			and delivery and d					
11/28/2011	<300	<10	9.1	<0.50	<0.50	<0.50	<0.50	<0.50	
6/5/2012	<300	<10	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	a to the control for the first make the first to be a basis of the second second second second to the first to
12/6/2012	<150	<10	6.4	<0.50	<0.50	<0.50	<0.50	<0.50	
6/4/2013	<150	<10	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	un vakudalla la 1999 mie Silo uvermet otit tenedakke kai je vlaždija ta zirit bali sest ometoda.
RW-1									
4/11/2002			1,500						
11/27/2002			<25		Y4 24 18	100,2409	1.00.200		
6/3/2003	<100	22	48	<0.50	<0.50	<0.50	<0.50	<0.50	li (1864) film (17 konstrinariese), iku (1864), illerin ethio kannedenki kikinin lavet (1864) et ethio (1865)
11/13/2003	<100	<20	44	<0.50	<0.50	<0.50			
05/12/2004	<500	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	uddius addiesie odseli, wastere addiesie is odwarakwei odkorektrosienie i Perio 4 odkile. Tima i do T
12/01/2004	<500	<100	16	<2.5	<2.5	<2.5	<2.5	<2.5	
05/02/2005	<200	<40	50	<1.0	<1.0	<1.0	<1.0	<1.0	
11/16/2005	<200	<40	32	<1.0	<1.0	<1.0	<1.0	<1.0	
5/31/2006	<300	<20	28	<0.50	<0.50	<0.50	<0.50	<0.50	i seedin etali ulaani aan seedi aan aan kan aan aan aan aan aan aan aan
12/6/2006	<300	<20	19	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/15/2007	<300	<20	18	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2007	<300	<20	18	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<1,500	<50	2.6	<2.5	<2.5	<2.5	<2.5	<2.5	
11/24/2008	<300	<10	11	<0.50	<0.50	<0.50	<0.50	<0.50	
4/9/2009	<300	<10	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	6.5	<0.50	<0.50	<0.50	<0.50	<0.50	
5/26/2010	<300	<10	0.94	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
5/11/2011	<1,200	<40	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	a a tropical y de la la 1,000 estros estros depoises produces estre de la la la la la la la la la la la tropica La la
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/5/2012	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	and and the common and a section of the complete and the control of the common terms of the Common of the Common and the common of the Common
12/6/2012	<300	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
6/4/2013	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	- pare - Harar A. (1967-1967) av Et 2018-1960 - 2008-1960 Aus Pearlas (1971 - 1971) Du membra.
S-5									
4/11/2002		·	<500						

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored				Concentra					
	Ethanol	ТВА	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Footnote
S-5 Cont.								· .	
11/27/2002			<50	 1988					
6/3/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	 Between the contest of the second contest of the second contest of the contest of the following filled contest of the second contest of the s
6/3/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
6/3/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
6/3/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
11/13/2003	<10,000	<2,000	<50	<50	<50	<50			ter of the first control of the entire term to extend the Method the Method State (State College Control of the
05/12/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
12/01/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	The first of the second and the second control of the description of the second
05/02/2005	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
11/16/2005	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	· a
5/31/2006	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	a
12/6/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	a seemontoolisento mandia viri. In 1970 a. v. 1980 a. v
5/15/2007	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
11/29/2007	<1,500	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
5/6/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2008	<6,000	<200	<10	<10	<10	<10	<10	<10	
4/9/2009	<6,000	<200	<10	<10	<10	<10	<10	<10	
2/16/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	t en a section and the same to the fact that a survey of the same and the same and the same and the same and t
5/11/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/5/2012	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/6/2012	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/4/2013	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Symbols & Abbreviations:

-- = Not analyzed/applicable/measured/available

< = Not detected at or above the laboratory reporting limit

1,2-DCA = 1,2-Dichloroethane

DIPE = Diisopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

μg/L = Micrograms per Liter

Footnote:

a = Calibration verification for ethanol was within method limits but outside contract limits

b = Sample taken from VOA vial with air bubble > 6mm diameter

c = LW Quantitated against gasoline

Notes:

All volatile organic compounds analyzed using EPA Method 8260B

The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information