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			TRANS	MITTAL	_
DATE:	Februa	ry 11, 2013	Refer	ENCE No.:	240366
			Proje	CT NAME:	999 San Pablo Avenue, Albany
To:	Jerry W	/ickham		· · · · · · · · · · · · · · · · · · ·	
	Alamed	da County Environr	nental Health		
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QUAN	TITY			DESCRIP	TION
1		Groundwater Mo	nitoring Report -	- Fourth Qu	arter 2012
			,		
	equested	<i>y</i> [For Review	and Commer	nt .
For Y	our Use	Ĺ			
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COMME					
If you have (510) 420-		uestions regarding t	he content of thi	s dòcument	, please contact Peter Schaefer at
(310) 420-	3317.				
Copy to:		Denis Brown, Shell	Oil Products US	, (electronic	copy)
					d, Casper, WY 82604
		,	-		th Benson Avenue, Upland, CA 91786-2157
		Larry Turner, CAR	Enterprises (elec	ctronic copy	$O(A) \subseteq O(A)$
Complete	d by: _	Peter Schaefer		Signed:	faler Schaffen
Filing:	Correspo	ndence File			-



Denis L. Brown Shell Oil Products US

HSE – Environmental Services 20945 S. Wilmington Ave. Carson, CA 90810-1039 Tel (707) 865 0251 Fax (707) 865 2542 Email denis.1.brown@shell.com

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

Re:

Shell-branded Service Station 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.

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

Sincerely,

Denis L. Brown

Senior Program Manager



GROUNDWATER MONITORING REPORT - FOURTH QUARTER 2012

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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FEBRUARY 11, 2013
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VICINITY MAP

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GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP

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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 <u>SITE INFORMATION</u>

Site Address 999 San Pablo Avenue, Albany

Site Use Shell-branded Service Station

Shell Project Manager Denis Brown

CRA Project Manager Peter Schaefer

Lead Agency and Contact ACEH, Jerry Wickham

Agency Case No. RO0000121

Shell SAP Code 135037

Shell Incident No. 98995143

Date of most recent agency correspondence was January 26, 2012 (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 was unable to coordinate groundwater monitoring with adjacent ARCO Station No. 2035 located at 1001 San Pablo Avenue, Albany. Blaine gauged and sampled the Shell site wells on November 28, 2012, and the ARCO wells were gauged and sampled on December 6, 2012. Due to anomalous initial analytical results obtained from well S-1 during the November 28, 2012 sampling event, Blaine resampled the well on December 21, 2012.

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 August 29, 2012 gauging event, Blaine measured 0.03 foot of separate-phase hydrocarbons (SPHs) in well S-8. Approximately 0.42 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 third quarter 2012. During the November 28, 2012 monitoring event, Blaine measured 0.01 foot of SPHs in well S-8. Approximately 1.64 pounds of SPHs were removed from S-8 with the SPH canister during fourth quarter 2012. A total of approximately 2.06 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)
2.06	21.33

On November 27, 2012, CRA submitted a Site Conceptual Model and Closure Request.

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction

Variable

Hydraulic Gradient

Variable

Depth to Water

5.58 to 7.58 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. Blaine will remove the SPH-absorbent canister from well S-8 during first quarter 2013.

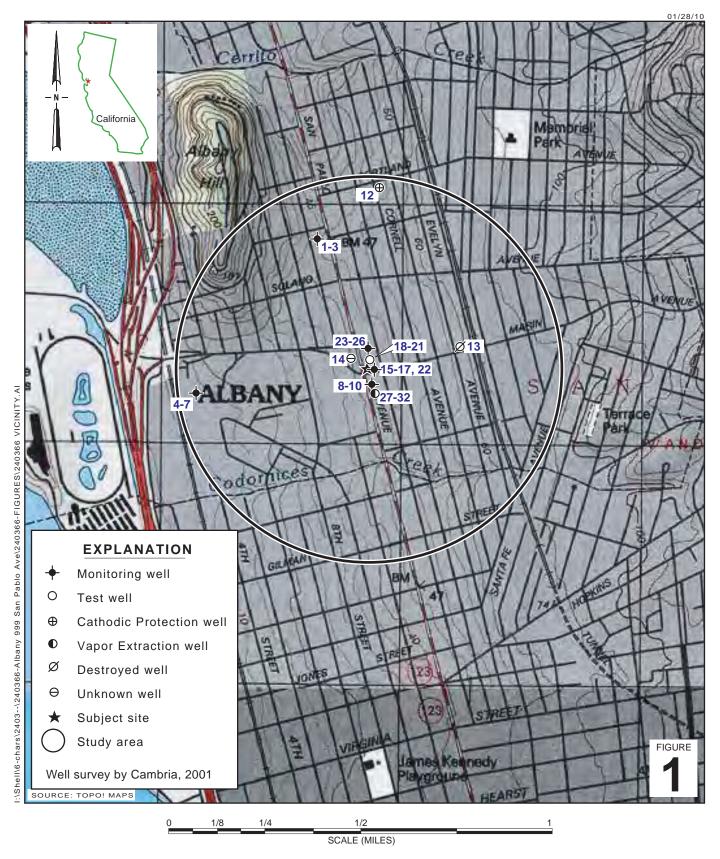
All of Which is Respectfully Submitted, CONESTOGA-ROVERS & ASSOCIATES

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG



FIGURES

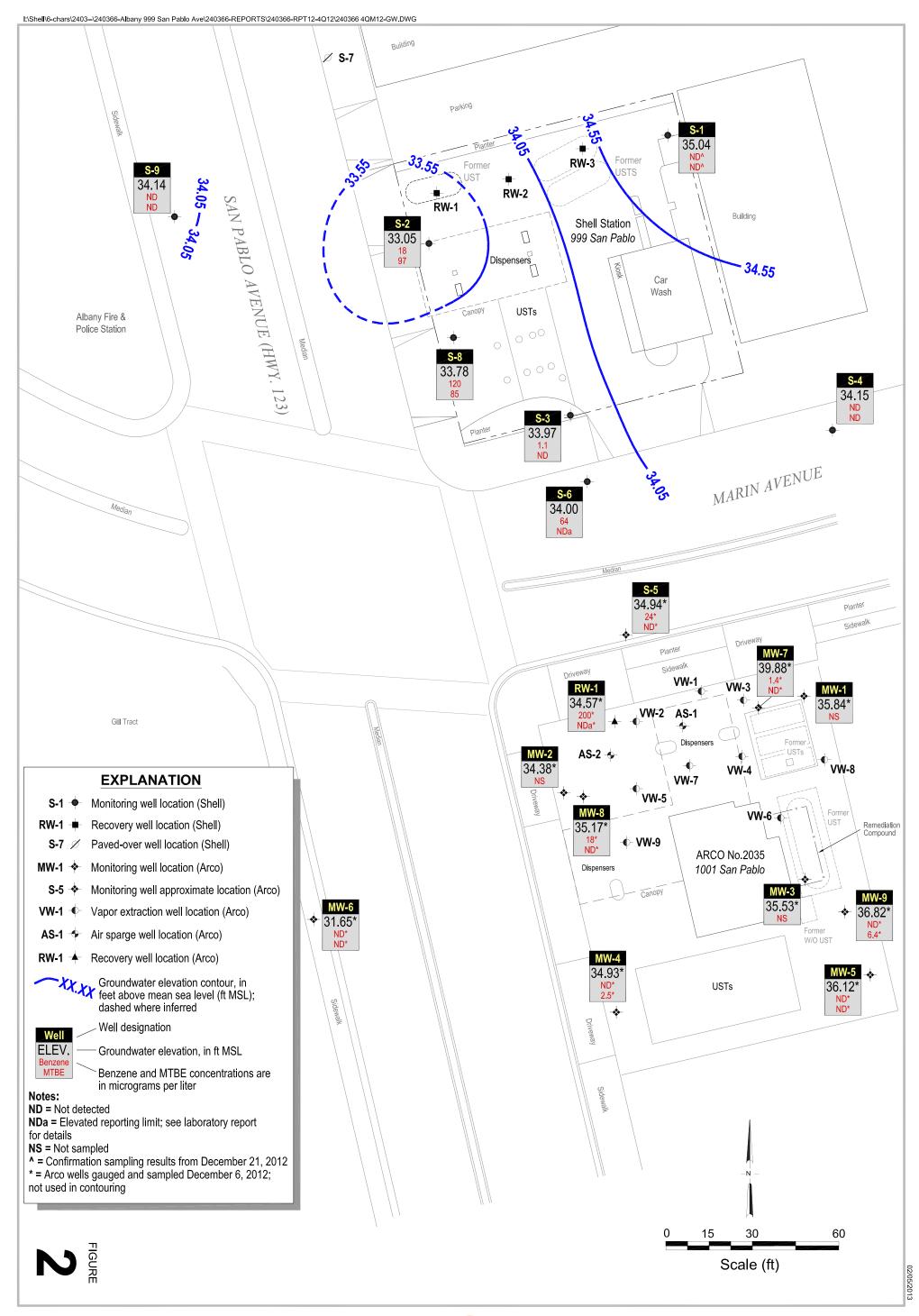


Shell-branded Service Station

999 San Pablo Avenue Albany, California



Vicinity Map



999 San Pablo Avenue Albany, California



Groundwater Contour and Chemical Concentration Map

TABLE

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	05/13/1991	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							42.73	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>.</i> 7	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							42.73	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

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-1	02/02/2000	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 5.00						42.73	7.26	35.47		1.4
S-1	05/09/2000												42.73	8.13	34.60		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												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

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-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
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-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	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	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

Well ID	Date	TPHg (µg/L)	Β (μg/L)	Τ (μg/L)	Ε (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	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
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												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

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-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
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	6 0	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	<i>7,</i> 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	<i>7</i> 1	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-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		

Well ID	Date	TPHg (µg/L)	Β (μg/L)	Τ (μ g/ 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-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		
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						41.46	6.55	34.91		0.8
S-3 (D)	02/20/1998	3,100	8.6	7.8	12	16	57						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

Well ID	Date	TPHg (µg/L)	В (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-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
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		*			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					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

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-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
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-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

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-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	5.5 <i>7</i>	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		
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		

Well ID	Date	TPHg (µg/L)	B (µg/L)	Τ (μg/L)	Е (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	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					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		
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		200			41.04				
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	
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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-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	
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		

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-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		
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		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	5.71	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		

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-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		
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	1 7	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				

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	05/13/1991	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	10.56	29.54		
S-7	08/23/1991	< 50	< 0.50	< 0.50	< 0.50	< 0.50							40.10	11.16	28.94		
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		
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	essible										40.10				
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	essible										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

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-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	essible										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					40.10	9.14	30.96		3.0
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 08/29/2000 14/700 107 9,42 196 195 — 278 36.1 <0,500	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 01/30/2007 7.500 220 18 180 96 170 <td< td=""><td>S-8</td><td>08/29/2006</td><td>14,700</td><td>107</td><td>9.42</td><td>196</td><td>195</td><td></td><td>278</td><td>36.1</td><td>< 0.500</td><td>< 0.500</td><td>< 0.500</td><td>40.52</td><td>11.17</td><td>29.35</td><td></td><td></td></td<>	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 05/15/2007 9.600 f 24 160 112 130	S-8		7,800	150	8.6	120	110		200					40.52	11.21	29.31		
S-8 05/15/2007 24 160 112 130 40.52 11.54 29.11 0.04 S-8 08/30/2007 6.100 ft 35 2.7 140 224 170 820 <1.0	S-8	01/30/2007	7,500	220	18	180	96		170					40.52	10.72	29.80		
\$\text{S-8} \text{ 08/30/2007} \text{ 6,100 f} \text{ 35} \text{ 2.7} \text{ 140} \text{ 234} \text{ 170} \text{ 820} < < < < < < < <-	S-8		9,600 f		24	160	112		130					40.52	10.50	30.02		
\$\frac{8}{8}\$ \ \text{09/25/2007} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	S-8	08/29/2007												40.52	11.44	29.11	0.04	
S-8 09/25/2007 — — — 40.52 11.56 29.22 0.32 — S-8 10/29/2007 — — — 40.52 11.03 29.50 0.26 — S-8 11/29/2007 — — — — 40.52 11.03 29.60 0.20 — S-8 12/11/2008 — — — — 40.52 10.61 30.03 0.15 — S-8 02/21/2008 — — — — 40.52 9.61 30.97 0.08 — S-8 03/20/2008 — — — — — 40.52 10.21 30.40 0.12 — S-8 05/06/2008 — — — — — 40.52 10.22 30.40 0.12 — S-8 06/04/2008 — — — — — 40.52 11.34 29.67 0.07 — S-8 06/04/2008 — — — — — —			6,100 f	35	2.7	140	234		170	820	<4.0	<4.0	<4.0	40.52	11.37	29.25	0.13	
5-8 10/29/2007 — — — — 40.52 11.23 29.50 0.26 — 5-8 11/21/2007 — — — — 40.52 11.08 29.60 0.20 — 5-8 01/24/2008 — — — — — 40.52 9.61 30.03 0.015 — 5-8 01/24/2008 — — — — — 40.52 9.61 30.97 0.08 — 5-8 03/20/2008 — — — — — 40.52 9.11 31.43 0.03 — 5-8 04/30/2008 — — — — — 40.52 10.91 29.67 0.07 — 5-8 05/06/2008 — — — — — 40.52 11.34 29.24 0.07 — 5-8 06/04/2008 — — — — — 40.52 11.34 29.24 0.07 — 5-8 06/29/2008 — <	S-8													40.52	11.56	29.22	0.32	
\$\frac{\cong}{\cong}\$ \frac{11}{29}/2007 \qquad \qquad \qquad \qquad \qu	S-8													40.52	11.23	29.50	0.26	
S-8 12/11/2007 — — — 40.52 10.61 30.03 0.15 — S-8 01/24/2008 — — — — 40.52 9.61 30.97 0.08 — S-8 03/20/2008 — — — — — 40.52 9.11 31.43 0.03 — S-8 04/30/2008 — — — — — 40.52 10.91 29.67 0.07 — S-8 05/06/2008 — — — — — 40.52 10.91 29.67 0.07 — S-8 06/04/2008 — — — — — 40.52 11.34 29.24 0.07 — S-8 06/04/2008 — — — — — 40.52 11.34 29.24 0.07 — S-8 06/29/2008 — — — — — 40.52 11.34 29.14 0.03 — S-8 08/30/2008 — — <														40.52	11.08	29.60	0.20	
S-8 01/24/2008 — — 40.52 9.61 30.97 0.08 — S-8 03/20/2008 — — — 40.52 9.13 31.43 0.03 — S-8 04/30/2008 — — — — 40.52 10.91 29.67 0.07 — S-8 05/06/2008 — — — — 40.52 10.91 29.67 0.07 — S-8 06/06/2008 — — — — 40.52 11.34 29.24 0.07 — S-8 06/04/2008 — — — — 40.52 11.34 29.24 0.07 — S-8 06/04/2008 — — — — — 40.52 11.34 29.24 0.07 — S-8 08/27/2008 — — — — — 40.52 11.34 29.24 0.03 — S-8 10/31/2008 — — — — — 40.52 11.35 29.37<	S-8	· ·												40.52	10.61	30.03	0.15	
S-8 03/20/2008	S-8													40.52	9.61	30.97	0.08	
S-8 03/20/2008	S-8	02/21/2008												40.52	9.11	31.43	0.03	
S-8 04/30/2008	S-8													40.52	10.22	30.40	0.12	
S-8 05/06/2008														40.52	10.91	29.67	0.07	
S-8 06/04/2008														40.52	10.50	30.05	0.04	
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 40.52 11.20 28.46 0.03 S-8 10/31/2008 40.52 11.35 29.37 0.25 S-8 11/24/2008 40.52 11.35 29.37 0.25 S-8 11/24/2008 40.52 11.35 29.37 0.25 S-8 11/24/2008 40.52 8.90 31.75 0.16 S-8 01/14/2009 40.52 9.87 30.83 0.22 S-8	S-8													40.52	11.34	29.24	0.07	
S-8 08/2/2008 40.52 11.40 29.14 0.03 S-8 09/30/2008 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 11.35 29.37 0.25 S-8 11/24/2008 40.52 10.79 29.89 0.20 S-8 11/24/2008 40.52 8.90 31.75 0.16 S-8 01/28/2009 40.52 9.52 31.10 0.13 S-8 05/26/2009	S-8													40.52	11.83	28.71	0.03	
S-8 09/30/2008 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 9.87 30.83 0.22 S-8 04/21/2009 40.52 9.87 30.83 0.22 S-8 05/26/2009														40.52	11.40	29.14	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 9.87 30.83 0.22 S-8 01/28/2009 40.52 9.87 30.83 0.22 S-8 03/31/2009 40.52 9.52 31.10 0.13 40.52 8.90 31.75 <t< td=""><td>S-8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40.52</td><td>12.08</td><td>28.46</td><td>0.03</td><td></td></t<>	S-8													40.52	12.08	28.46	0.03	
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 9.87 30.83 0.22 S-8 01/28/2009 40.52 9.52 31.10 0.13 S-8 03/31/2009 40.52 8.90 31.75 0.16 S-8 05/26/2009 40.52 8.90 31.75 0.11 S-8 06/3														40.52	11.35	29.37	0.25	
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 8.90 31.75 0.16 S-8 04/21/2009 40.52 8.90 31.75 0.16 S-8 05/26/2009 40.52 8.90 31.75 0.16 S-8 05/26/2009 40.52 9.04 31.57 0.11 S-8 07/23/2009 <t< td=""><td>S-8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40.52</td><td>10.79</td><td>29.89</td><td>0.20</td><td></td></t<>	S-8													40.52	10.79	29.89	0.20	
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														40.52	8.90	31.75	0.16	
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 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 08/31/2009 40.52 10.78 29.80 0.08 S														40.52	9.87	30.83	0.22	
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 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														40.52	9.52	31.10	0.13	
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 10.28 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 05/26/2010 59,000 150 32 2,100														40.52	8.56	32.11	0.19	***
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	8.90	31.75	0.16	
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	9.04	31.57	0.11	
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														40.52	10.28	30.32	0.10	
S-8 08/31/2009										·				40.52	10.37	30.25	0.13	
S-8 11/24/2009														40.52	10.78	29.80	0.08	
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														40.52	9.73	30.84	0.06	
S-8 11/30/2010 40.52 8.34 32.23 0.06			59,000	150	32	2,100	4,400		78					40.52	7.59	32.93	0.00	
						•								40.52	8.34	32.23	0.06	
S-8 02/10/2011	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			·											40.52	8.39	32.15	0.02	

Well ID	Date	TPHg (µg/L)	Β (μg/L)	Τ (μg/L)	Ε (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-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		<i>7</i> 5					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-9	05/10/2004												39.72	10.34	29.38		
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					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				

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-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				

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

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

 $\mu g/L = Micrograms per liter$

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:

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

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 #	120829 BWI	Date	8/29	1/2	Client	n of the section of the section of	SHELL
		*					

Site 999 San Pablo Are Albany

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Immiscibles Removed		Depth to well bottom (ft.)	Survey Point: TOB or	Notes
	0845	4	Odor	10,36	0.03	75	10.39	Vinance.	TOC.	
										<u>, , , , , , , , , , , , , , , , , , , </u>
	·								· · · · · · · · · · · · · · · · · · ·	
									`.	
			:							
										· · · · · · · · · · · · · · · · · · ·
				,						

							77			

SHELL WELL MONITORING DATA SHEET

Parameter and the second secon	^	
BTS#: 120829-BW1	Site: 98995143	
Sampler: BW	Date: 8/29/12	
Well I.D.: 5-8	Well Diameter: 2 3 4	6 8
Total Well Depth (TD):	Depth to Water (DTW): /0,	. 39
Depth to Free Product: 10.36	Thickness of Free Product (fee	et): 0.03
Referenced to: PVC Grade	D.O. Meter (if req'd):	YSI HACH
DTW with 80% Recharge [(Height of Wate	er Column x 0.20) + DTW]:	
Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Other	Waterfa Sampling Method: Peristaltic action Pump Other:	Disposable Bailer Extraction Port Dedicated Tubing
(Gals.) X =	Gals. 1" 0.04 4" 2" 0.16 6"	Diameter Multiplier 0.65 1.47 rr radius² * 0.163
Time Temp (°F) pH Cond. (mS or μS)	Turbidity (NTUs) Gals. Removed	Observations
Detected 0.03' free product w,	Interface probe	
Barled - 75 ml phowerson w/	disp. Bailer + 3 gallons A	72 🗢
Removed used socks (2) ! total	weight 0.49 Kg (1.08	16)
• • • • • • • • • • • • • • • • • • • •	eight 0. 31 Kg (0.68	1 -
Did well dewater? Yes No	Gallons actually evacuated:	
Sampling Date: Sampling Tin	ne: Depth to Wate	r: /
Sample I.D.:	Laboratory: Test America	Other
Analyzed for: трн-G втех мтве трн-D	Oxygenates (5) Other:	
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:	^{mg} /L Post-purge:	$^{ m mg}/_{ m L}$
O.R.P. (if req'd): Pre-purge:	mV Post-purge:	mV

DATE:

Well/ID			Type, Co		& Sizė	Well La Pair		pon Arri Well (Grip Cond	Cap	Well L	ack Con	dition	Sur	Padi/ face Sition	Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	W	os of ell tition	Repair Date and PM Initials
5-8	Standplpe	Flush	©	р	Size (inch)	(Y)	N	(G)	R	©	R	NL	③	Р		Υ	(A)	
	Standpipe	Flush	G	P	Size (inch)	Υ	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	Р	Size (inch)	Y	N	G	R	G	R .	NL	G	Р		Υ	N	
	Standpipe	Flush	G	þ	Size (Inch)	Y	N	G	Ŗ	G	R	NL	G	Р		Υ	N	
	Standpipe	Flush	G	Ą	Size (Inch)	Y	N	G	R	G	R	NL.	G	P		Y	N	
	Standpipe	Flush	G	р	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standplpe	Flush	G	р	Size (inch)	Υ	N	G	R	G	R	NL	G	Р		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	Р		Υ	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P	·	Υ	. N	
1	Standpipe	Flush	G.	Р	Size (inch)	Y	N	G	R	G	R	NL	Ģ	Р		Y	N	
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	R	NL	G	P		Y	N	
					TOTA	L#CAP	S REPLA	\CED ≖	Ó		0	= TOTA	L#OFL	OCKS R	EPLACED			
	Sall Boring P laned Monitar		G	Р	(N/A)	IfP	OOR, Bor	ings/Well	1Ds or Lo	cation De	scription:					Y	N	
	in Compound loxes that app		Cond	tion of Er	closure		on of Are Enclosure		Com	pound Se	curity	Emerg	ency Con Visible	tact info	Cleaning / Rapairs Recommended and Conducted		tos of dition	Repair Date and PM Initials
N/ Build Building w/ F Fenced Co Trai	ling ence Comp. ompound	X	G	Р	N/A	G	Р	N/A	G	Р	N/A	Y	N	N/A		Υ	N	
Number of Drams On-site	Does the Source	Label Rev			led Correct rriting Legit		Dri	ım Condi	tion	Reja	i Drums ted to nmental		s Located less interf		Detailed Explanation of Any Issues Resolved	D	tos of rum dition	Date Drums Removed from Site and PM initials
1,720,000	0	N	N/A	8	N	N/A	(G)	P	N/A	0	N	0	N	N/A		· Y	0	

G = Good (Acceptable)

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

Brian Weeks, BTS
Print or type Name of Field Personnel & Consultant Company

R = Replaced

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

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

^{* =} Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations. Version 2.4, March 2008

WELL GAUGING DATA

Project # 121128 - GR 2 Date _	11/28/2012	Client	Shell	
--------------------------------	------------	--------	-------	--

Transportation of the second	Well Size	Sheen /		of Immiscible	Immiscibles Removed	Depth to water		Survey Point: TOB or	
			ridnia (ir.)	Liquia (n.)	(mi)			100	Notes
		0001							
	***************************************							Palvetas (Cristalian)	
						* * * * * * * * * * * * * * * * * * * *		and an artist of the state of t	
0650		4			77-		<u> </u>	ein Beloige	
and the second s	:		·		1 000			HARLING PROCESSION CO.	A185
1058	4	color	6.73	0.01	n, etconologique		15.68	Andrew Carlon States	400CK
8011	2	***************************************				5.5%	15.90		
						E TOTAL CONTRACTOR CON			Carry and American designation of the Carry and Carry an
								***************************************	Andreas de Hancelone
					The state of the s		Þ.		
						Assembly			1
						1			
						7.48			
	The same of the sa			***************************************	(FIN FIABLE A. (V. A.) A.)	-	· · · · · · · · · · · · · · · · · · ·		
annual	Alf All Computation of the Compu					L. O. C.	ENTERNA DE LA CASA DE		
i	Assertation			PP-000201-00-00-0-0-0-0-0-0-0-0-0-0-0-0-0-					
	1058	Time (in.) 1040 4 1054 3 1047 3 10824 3 10824 3 10850 3 10658 4	Time Size Sheen/Odor 1040 4 odor 1054 3	Size Sheen / Immiscible Codor Liquid (ft.) 1040 4 Oder 1054 3	Well Size Sheen / Immiscible Immiscible Liquid (ft.) 1040 4 Oder 1054 3 1047 3 10850 3 Well May here Paves 1058 4 Oder 6.73 0.01	Well Size Sheen / Immiscible Immiscible Removed (in.) Odor Liquid (ft.) Liquid (ft.) (ml) 1040 4 odor 1054 3	Well Size Sheen / Odor Immiscible Immiscibles Removed (in.) Odor Inquid (ft.) Liquid (ft.) (inl) Depth to water (ft.) 1040 4 odor 7.53 1054 3 7.58 1047 3 7.40 0824 3 7.40 0850 3 7.40 Well has been paved over 1058 4 odor 6.73 0.01 — 6.74	Well Size Sheen / Immiscible Immiscible Removed Depth to water Depth to well bottom (ft.) 1040 4 Odor	Well Size Sheen

· ·	NC		TEA AA BABTET TABAA			
BTS #: 12	1128-G1	22		Site: 9899	95143	
Sampler:	GR			Date: /	128/2012	No.
Well I.D.:	5-1			Well Diameter	_	6 8
Total Well I	Depth (TL)): 14.0) 4	Depth to Wate	er (DTW): 7.5.	3
Depth to Fro	ee Product	F.		Thickness of F	Free Product (fee	et):
Referenced	to:	(PYC)	Grade	D.O. Meter (if	req'd):	YSD HACH
DTW with 8	80% Rech	arge [(H	eight of Water)) + DTW]: 8.	
Purge Method:	Bailer Disposable Be Positive Air I Electric Subm	sailer Displacemen		Waterra Peristaltic tion Pump	Sampling Method: Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing
4.2 (Case Volume	Gals.) XSpecia	3 fied Volume	= 12-6 es Calculated Vol	Gals. lume Well Diameter 1" 2" 3"	ter Multiplier Well I 0.04 4" 0.16 6" 0.37 Other	Diameter Multiplier 0.65 1.47 r radius ² * 0.163
Time	Temp (°F)	pН	Cond. (mS or(uS)	Turbidity (NTUs)	Gals. Removed	Observations
1355	66.0	6-82	548,4	89	4.5	
1356	66.7	6-63	545.8	37	9.0	
1357	66-8	6.57	544.3	20	13.5	DW-7.55
Did well dev	water?	Yes /i	No)	Gallons actuall	v evacuated:	<u> </u> 3.5
**************************************			Sampling Time		Depth to Water	
Sample I.D.:		5 - wassansus was ewe even even even even even even even		· · · · · · · · · · · · · · · · · · ·		Other
Analyzed for		BTEX I	MTBE TPH-D	Oxygenates (5)	Other: See Co	OT,
EB I.D. (if a	pplicable)	**************************************	@ Time	Duplicate I.D. (**************************************	
Analyzed for	r: TPH-G	BTEX 1	MTBE TPH-D (,	Other:	A-10 (100-11 A-11 A-11 A-11 A-11 A-11 A-11 A-1
D.O. (if req'o	d): (Pr	e-purge)	1.54	mg/ _L P	ost-purge:	$^{ m mg}\!/_{ m L}$
O.R.P. (if red	q'd): Pr	e-purge:		mV P	ost-purge:	mV

						-
BTS #: 12	1128-G1	22_		Site: 9899	95143	
Sampler:	GR			İ	/28/ 2012	
Well I.D.:	5-2			Well Diameter	- S	6 8
Total Well	Depth (TE)): 11.75	5	Depth to Wate	er (DTW): 7.53	3
Depth to Fr	ee Produc	t:		Thickness of F	Free Product (fee	et):
Referenced	to:	(PVČ)	Grade	D.O. Meter (if	req'd):	YSD HACH
DTW with	80% Rech	arge [(F	Height of Water	**************************************		
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Bailer Displaceme		Waterra Peristaltic ction Pump	Sampling Method: Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing
).5 (c) 1 Case Volume	Gals.) XSpeci	3 ified Volum	= <u>4.5</u> nes Calculated Vol	!! 7#	ter Multiplier Well I 0.04 4" 0.16 6" 0.37 Other	Diameter Multiplier 0.65 1.47 er radius ² * 0.163
Time	Temp (°F)	pН	Cond. (mS or uS)	Turbidity (NTUs)	Gals. Removed	Observations
1436	66-0	7.01	727.2	157	1.5	
1436		well	Clewatered	@	1.6	DTW-8.82
1450	67.3	6.84	735.9	99	Grab	
Did well de	water? (Yes)	No	Gallons actuall	ly evacuated:	1.6
Sampling D	ate: 11/28	3/2012	Sampling Time		Depth to Water	
Sample I.D.	: <u>S-2</u>	****		Laboratory: (Test America (Other
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: See Co	OT
EB I.D. (if a	pplicable)		@ Time]	Duplicate I.D. ((if applicable):	
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:	
D.O. (if req'	d): <u>Er</u>	e-purge)	1:08	mg/L Po	ost-purge:	mg/L
O.R.P. (if re	q'd): Pr	e-purge:		mV Po	ost-purge:	mV

BTS #: 12	1128-GA	22_		Site: 98	995143	
Sampler:	GR	HITTO AND THE COLUMN TO THE CO		Date:	1/28/2012	
Well I.D.:	5-3			Well Diame	ter: 2 🔇 4	6 8
Total Well	Depth (TD): il.8	7	Depth to Wa	iter (DTW): 7.4	10
Depth to Fr	ee Product	*		Thickness of	f Free Product (fe	eet):
Referenced	to:	(PVO)	Grade	D.O. Meter ((if req'd):	YSD HACH
DTW with	80% Rech	arge [(H	leight of Water	Column x 0.2	20) + DTW]: &.	29
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displaceme		Waterra Peristaltic tion Pump	Sampling Method Other	Disposable Bailer Extraction Port Dedicated Tubing
1.6 (c) 1 Case Volume	Gals.) X Speci.	3 fied Volum	= 4.8 Calculated Vol	Gals. Well Dia 1" 2" 3"	meter Multiplier Well 0.04 4" 0.16 6" 0.37 Other	Diameter Multiplier 0.65 1.47 er radius² * 0.163
Time	Temp (°F)	pН	Cond. (mS or (uS)	Turbidity (NTUs)	Gals. Removed	Observations
1419	67.4	6.97	539.4	92	2.0	
1419		well	dewatered	(W)	2-2	Drw-8.98
1428	68.2	6.84	529.2	108	Grab	
Did well dev	water?	Yes >	No	Gallons actua	ally evacuated: 2	2.2
Sampling D	ate: 11/2	7/12012	Sampling Time		Depth to Wate	
Sample I.D.	: 5-3			Laboratory:	Test America	Other
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: See C	OC
EB I.D. (if a	pplicable)	•	@ Time	Duplicate I.D). (if applicable):	
Analyzed for	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:	
D.O. (if req'o	d): Pro	e-purge	1,21	, ^{mg} /L	Post-purge:	$^{ m mg}/_{ m L}$
O.R.P. (if re	q'd): Pro	e-purge:		mV	Post-purge:	mV

BTS #: 12	1128-G1	22		Site:	9899	5143	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Sampler:	GR [Date:	E-12-10-10-1	129/20	12	
Well I.D.:	5-4	* Spaker**		Well Di	ameter	: 2 <u>(3</u>)	4	6 8
Total Well	Depth (TI)): 13.6	. -	Depth to	o Wate	r (DTW):	6.8	· Common
Depth to Fr	ree Produc	t:				ree Produ	11-1-11-11-11-11-11-11-11-11-11-11-11-1	
Referenced	to:	(PVD)	Grade	D.O. M	eter (if	req'd):	(YSD HACH
DTW with	80% Rech	arge [(H	leight of Water	Column	x 0.20)) + DTW]	:2.25	- °
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displaceme	nt Extrac		Vell Diamete	Sampling I	° Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing
2.5 (c) 1 Case Volume	Gals.) XSpeci	3 fied Volum	es Calculated Vo	_Gals.	1" 2" 3"	0.04 0.16 0.37	4" 6" Other	0.65 1.47
Time	Temp (°F)	рН	Cond. (mS or uS)	Turbi (NT	-	Gals. Ren	noved	Observations
0840	102	6.91	554-8	7(00	***************************************	25		
	L. Land	\ dema	ered		· · · · · · · · · · · · · · · · · · ·			
0735	61.1	7.02	324.	2(90)	Marien.		
					turnin anno santa sun ancomo assec			
Did well de	water?	Mes?	No	Gallons	actuall	y evacuat	ed:	3.2
Sampling D	ate: 11/29	1/2012	Sampling Time	e: <u>0435</u>	·	Depth to	Water	: 8 (9
Sample I.D.	: 5-4			Laborato	ory: (Test Americ	<u>a</u> (Other
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygenat	es (5)	Other: S	iee Cc	T
EB I.D. (if a	ipplicable)	:	@ Time	Duplicat	te I.D. (if applica	ble):	
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenate	es (5)	Other:		
D.O. (if req'	d): Pr	e-purge:		$^{ m mg}/_{ m L}$	Po	ost-purge:		^{mg} /L
O.R.P. (if re	q'd): Pr	e-purge:		mV	Po	ost-purge:		mV

I	***************************************				····		
BTS #: 12	1129-GI	22		Site:	9899	15143	
Sampler:	GR K	PC		Date:		129/ 2012	
Well I.D.:	5-6	Manage to the second of		Well Di		: 2 3 4	6 8
Total Well	Depth (TI)): [L_J	0	Depth to	o Wate	r (DTW): 5_9	
Depth to Fr			officered action in the second		*****************	Free Product (fe	
Referenced	to:	(PVĆ)	Grade	D.O. Mo	eter (if	req'd):	YSD HACH
DTW with	80% Rech	arge [(H	leight of Water				:68
	A CONTRACTOR	Bailer Displacemen		Waterra Peristaltic ction Pump		Sampling Method: Other:	: Bailer Disposable Bailer Extraction Port Dedicated Tubing
3.2 ((1 Case Volume	Gals.) XSpecif	3 ified Volum	= 4-6 nes Calculated Vo	Gals.	Vell Diamete 1" 2" 3"	er <u>Multiplier Well</u> 0.04 4° 0.16 6" 0.37 Othe	Diameter Multiplier 0.65 1.47 er radius ² * 0.163
Time	Temp (°F)	рН	Cond. (mS or uS)	Turbi (NT	•	Gals. Removed	Observations
<u> </u>	64.1	Ú-70	705.4	>(06		3.2	olor shen
0905	Luel	being	Fered		······································		
०१५४	63.2	6-81	7 ² -2 ¹ (\	500015	ė.	Age of the second secon	obor, sheen
				inconscient the property of th			
	- Control of the Cont	-	1		:		
Did well dev	water? <	Yes	No	Gallons	actuall	y evacuated: பு	
Sampling Da	ate: 11/29	1/2012	Sampling Time	a: 0946		Depth to Water	r: 7 pt
Sample I.D.:	: 5-6			Laborato		And the second s	Other
Analyzed for	r: TPH-G	BTEX	MTBE TPH-D	Oxygenate	es (5)	Other: See Co	T.
EB I.D. (if a	pplicable)	s 0	@ Time	Duplicat	e I.D. ((if applicable):	
Analyzed for	r: TPH-G	BTEX 1	MTBE TPH-D	Oxygenate	es (5)	Other:	
D.O. (if req'o	d): Pro	e-purge:		mg/L	Po	ost-purge:	_{mg} / _L
O.R.P. (if red	q'd): Pre	e-purge:		mV	Po	ost-purge;	mV

B12#: 15	<u> 1128 - G</u>	<u> </u>		Site: 484	196793	
Sampler:	GR			Date: 11 / 2	28/2012	
Well I.D.:	<u>S-7</u>	MANAGEMENT AND		Well Diamet	er: 2 3 4	6 8
Total Well	Depth (TD)):		Depth to Wa	ter (DTW):	
Depth to Fr	ee Product			Thickness of	Free Product (fe	et):
Referenced	to:	PVC	Grade	D.O. Meter (if req'd):	YSI HACH
DTW with 8	80% Rech	arge [(H	leight of Water	r Column x 0.2	20) + DTW]:	
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displaceme	ent Extra Other	Waterra Peristaltic action Rump	Sampling Method Other	Disposable Bailer Extraction Port Dedicated Tubing
				Well Dian		Diameter Multiplier
1 Case Volume	Gals.) X	fied Volum	es Calculated V	Gals. 1" 2" 3"	0.04 4" 0.16 6" 0.37 Oth	0.65 1.47 er radius ² * 0.163
TOUGO FORMIC	T Speci.	lica yolan	Cond.			
Time	Temp (°F)	pН	(mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
,	well	hus b	een paved	Objer		

			The statement of the st			
Did well dev	water?	Yeş	No	Gallons actua	ally evacuated:	~~
Sampling D	ate:		Sampling Tim	ie:	Qepth to Wate	ar:
Sample I.D.	* ·			Laboratory:	Test America	Other
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:	
E& I.D. (if a	pplicable)	e B	@ Time	Duplicate I.D	. (if applicable):	
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Qxygenates (5)	Other:	1
D.O. (if req	d): Pr	e-purge:		mg/L	Post-purge:	mg/L
O.R.P. (if re	q'd): Pr	e-purge:		mV	Post-purge:	mV
	*			W _k		

_		SHEI	LL WELL MO	NITORING D	ATA SHEET	
BTS #: 12	1128-G1	2		Site: 9890	15143	
Sampler:	GR (<u> 10</u>		Date:	/28/ 2012	
Well I.D.:	5-8			Well Diameter	r: 2 3 	6 8
Total Well	Depth (TD): <i>15.</i> (<u> </u>	Depth to Wate	er (DTW): 6.7	4
Depth to Fr	ee Product	: 6.7	3/ heavy	Thickness of I	Free Product (fe	et): 0.01
Referenced	to:	(PVC)	Grade	D.O. Meter (if	req'd):	YSD HACH
DTW with	80% Rech	arge [(H	leight of Water	Column x 0.20) + DTW]: 8.	53
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displaceme		Waterra Peristaltic tion Pump	Sampling Method: Other:	Disposable Bailer Extraction Port Dedicated Tubing
5-8 ((1 Case Volume	Gals.) XSpeci	ろ fied Volum	= 17.4 nes Calculated Vol	Gals. lume Well Diamet 1" 2" 3"	er Multiplier Well 1 0.04 4" 0.16 6" 0.37 Othe	Diameter Multiplier 0.65 1.47 r radius² * 0.163
Time	Temp (°F)	рН	Cond. (mS or uS)	Turbidity (NTUs)	Gals. Removed	Observations
* removed	2 Sorks	Grom	well: Total	aleight :	1.05 Kgg	(2.32 /45)
* Installed	1 2 socks	Into	well: Total	weight:	0.33kg5	(B.7016)
1510	67.8	6.91	413.6	32	6.0	oder
15/1		well	clewatered	0	7.5	DNU-12.09
0970	64.3	7.54	521.7	(0	Grab	alersheen
Did well dev	vater? 🤇	Yes	No	Gallons actuall	y evacuated: *	7.5
Sampling Da	ate: //	12012	Sampling Time	:0970	Depth to Water	: 8.29
Sample I.D.:	5-8			Laboratory:	Test America	Other
Analyzed for	r: ТРН-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: See Co	T
EB I.D. (if a	pplicable)	•	@ Time	Duplicate I.D.	(if applicable):	
Analyzed for	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:	
D.O. (if req'o	i): Pro	e-purge:		mg/L P	ost-purge:	$^{ m mg/L}$

mV

Post-purge:

mV

Pre-purge:

O.R.P. (if req'd):

	B19#: 12	111125-	GK C		Site: 98	4951	45		Notice of the second se	
Depth to Free Product: Referenced to: FVD Grade D.O. Meter (if req'd): Purge Method Balled Disposable Bailer Positive Air Displacement Electric Submersible Positive Air Displacement Electric Submersible Time Temp (f) pH (mS or (s)) Time Temp (f) pH (mS or (s)) Did well dewater? Yes (ND Gallons actually evacuated: Sampling Date: 11/29/2012 Sampling Time: Depth to Water: Queen to Mater and Sampling Depth (NTUs) Gallons actually evacuated: Time Temp (f) pH (mS or (s)) Disposable Bailer Extraction Pump (NTUs) Gals. Removed Observations Other: Well Dispuse	Sampler:	GR /	<u> </u>		Date: /	1/20	3/2017)	•	
Depth to Free Product: Referenced to: Referenced Tubing Other: Referenced to: Referenced to: Referenced Tubing Referenced Referenced Tubing Other: Referenced Tubing Referenced Tubing Referenced Tubing Referenced Tubing Other: Referenced Tubing Referenced Referenced Tubing Other: Referenced Tubing Referenced Tubing Referenced Tubing Referenced Tubing Referenced Referenced Tubing Referenced Tubing Referenced Tubing Referenced Tubing Referenced Tubing Referenced Tubing Reference	Well I.D.:	<u> </u>		****	Well Diam	eter: (② 3	4	6 8	
Referenced to: Pro Grade D.O. Meter (if req'd): YSI HACH	Total Well I	Depth (TD): 15.	90	Depth to W	Vater (DTW):	5.	58	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 764 Purge Method Bailer Disposable Bailer Positive Air Displacement Electric Submersible Disposable Bailer Positive Air Displacement Electric Submersible Disposable Bailer Extraction Pump Other: Value Displacement Electric Submersible Disposable Bailer Extraction Pump Other	Depth to Fre	ee Product			Thickness	of Fre	e Produ	ct (fee	t) :	
Purge Method Bailes Disposable Bailer Positive Air Disposable Bailer Peristaltic Extraction Pump Other Dedicated Tubing Dedic	Referenced	to:	(PVC)	Grade	D.O. Meter	r (if re	q'd):		YSI H	IACH
Disposable Bailer Positive Air Displacement Electric Submersible Peristaltic Extraction Pump Other	DTW with 8	30% Recha	arge [(H	eight of Water	Column x ().20) +	-DTW]	: 7.	64	
1.6 (Gals.) X 3 - 4.8 Gals. 2" 0.16 6" 1.47 1.41 1.42 1.43 1.44	Purge Methode	Disposable B Positive Air I	Displaceme		Peristaltic ction Pump			Other:	Disposab Extracti Dedicate	ole Bailer ion Port d Tubing
Time Temp (F) pH (mS or us) (NTUs) Gals. Removed Observations 0751 18.8 5.78 465.5 384 16 0755 19.0 5.45 444.4 33 2 0755 18.5 6.13 444.4 366 4.8 Did well dewater? Yes No Gallons actually evacuated: 4.8 Sampling Date: 11/29/2012 Sampling Time: D8(2 Depth to Water: 160 Sample I.D.: 5-9 Laboratory: Test America Other Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See Coc EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L Post-purge:	Annual Committee of the				_Gals. 2"	,	0.16	6"	1.47	s ² * 0.163
Did well dewater? Yes No Gallons actually evacuated: 4.8 Sampling Date: 11/29/2017 Sampling Time: DS(2 Depth to Water: 4.60 Sample I.D.: 5-9 Laboratory: Test America Other Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See Coc EB I.D. (if applicable): Duplicate I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L Post-purge:	Time		pН	The state of the s	1	i	Gals. Ren	noved	Observ	vations
Did well dewater? Yes No Gallons actually evacuated: Sampling Date: 11/29/2017 Sampling Time: DE(Z Depth to Water: 160) Sample I.D.: S-9 Laboratory: Test America Other Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC EB I.D. (if applicable): Duplicate I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: The Doxygenates (5) Other: D.O. (if req'd): Pre-purge: Test America Other Duplicate I.D. (if applicable): Time Did well dewater? Yes No Gallons actually evacuated: 4.7 Depth to Water: 160 Test America Other Duplicate I.D. (if applicable): Did well dewater? Yes No Gallons actually evacuated: 4.7 Depth to Water: 160 Test America Other Duplicate I.D. (if applicable): Duplicate	0751	18-8	5.76	4655	3 & ed	-	1.6		-	
Did well dewater? Yes No Gallons actually evacuated: Sampling Date: 11/29/2012 Sampling Time: DE(2 Depth to Water: 1 60 Sample I.D.: S-9 Laboratory: Test America Other Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See Coc EB I.D. (if applicable): Duplicate I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: Test America Other Duplicate I.D. (if applicable): D.O. (if req'd): Pre-purge: Test America Other Duplicate I.D. (if applicable):	0755	19.0	5.45	HUUL			3.2			
Did well dewater? Yes No Gallons actually evacuated: Sampling Date: 11/29/2017 Sampling Time: D8(2 Depth to Water: 160 Sample I.D.: S-9 Laboratory: Test America Other Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See Cor EB I.D. (if applicable): Duplicate I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: Post-purge:	0753	18.5	6.13	***************************************	2 (SV1) 23		4.9	<i>!</i>		
Sampling Date: 11/29/2017 Sampling Time: 08(2) Depth to Water: 100 Sample I.D.: 5-9 Laboratory: Test America Other Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Coc Coc EB I.D. (if applicable): Duplicate I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: Post-purge: mg/L Post-purge:				***************************************					·	
Sampling Date: 11/29/2017 Sampling Time: 08(2) Depth to Water: 100 Sample I.D.: 5-9 Laboratory: Test America Other Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: 500 (000 EB I.D. (if applicable): Duplicate I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: Post-purge: mg/L Post-purge:										
Sample I.D.: 5-9 Laboratory: Test America Other Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: 60 60 EB I.D. (if applicable): Duplicate I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: Post-purge:	Did well dev	water?	Yes (No)	Gallons act	tually	evacuat	ed:	16.8	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Get Cor EB I.D. (if applicable): Duplicate I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: Post-purge:	Sampling D	ate: 11/29	12013	Sampling Time	e: 08(Z	Г	epth to	Water		
EB I.D. (if applicable): Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: D.O. (if req'd): Pre-purge: D.O. (if applicable): Post-purge: D.O. (if applicable): Post-purge:	Sample I.D.	: 5-9			Laboratory	: (T	est Americ	ca X	Other	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: D.O. (if req'd): Pre-purge: D.O. (i	Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates ((5) O	ther:	See .	COL	
D.O. (if req'd): Pre-purge: mg/L Post-purge: m	EB I.D. (if a	pplicable)	:		Duplicate I	.D. (if	f applica	ble):		+
	Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates ((5) O	ther:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
O.R.P. (if req'd): Pre-purge: mV Post-purge: m	D.O. (if req'	d): Pr	e-purge:		mg/L	Pos	t-purge:	parent of the state of the stat		$^{ m mg}\!/_{ m L}$
	O.R.P. (if re	q'd): Pr	e-purge:	anizotacian para esta esta esta esta esta esta esta est	mV	Pos	t-purge:	C-TOO ASSESSMENT OF THE COLUMN ASSESSMENT OF T	NCOMO-WOMOON AND TOWN THE PROPERTY OF	mV

INCIDENT#	المحمدة	O	in the second	4	ا المسينا	September 1	4	2

11/28/2012

999 San Pablo Ave.
Albany, CA **ADDRESS**

CITY & STATE

WelliD	Manwa	ıy Cover	Type, C	ondition	& Size	Well Li Pai	abeled / nted	(Gri	Gap oper)	Well	Lock Go	ndition	Sur	Pad /	Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	V)	os of fell dition	Repair Date and PM Initials
5-1	Standpipe	Flugh	0	Р	Size (inch)	8	perly." N	(S)	dition R		R	NL	(a)	oition P		Y	<u> </u>	
5-2	Standpipe	Flush	(G)	Р	Size (inch)	0	N	6	R	(G)	R	NL	6	P		Y	00	
5-3	Standpipe	(flush)	0	P	Size (inch)	(Y)	N	<u>(6)</u>	R	(3)	R	NL.	6	P		Y	(1)	
5-4	Standpipe	(Flush)	(a)	Р	Size (inch)	0	N	(G)	R	G	R	NL	G	p		Y	(1)	
5-6	Standpipe	Flush	<u>G</u>	Р	Size (Inch)	<u>(3)</u>	N	G	R [†]	G	R	NL	(e)	þ	christy box; 3"Expansion fit	(2)	GØ	(Carrier)
5-7	Standpipe	Flush	G	P	Size (inch)	Υ	N	G	R	G	R	NL	G	Р	PAVED OVER ON COUNTY	9	N	
5-8	Standpipe	Flus	<u>(a)</u>	Р	12.	0	N	<u>©</u>	R	(e)	R	NL.	<u>(3)</u>	Р		R	(II)	
5-9	Standpipe	Flush	<u>(G)</u>	р	Size (inch)	Ø	N	(G)	R	(G)	R	NL		Р		γ	(N)	
	Standpipe	Flush	G	Р	Size (inch)	Y	N	G	R	G	R	NL	G	p		Υ.	. N	
	Standpipe	Flush	G	р	Size (inch)	Υ	N	G	R	G	R	NL	G	P		Υ	N	
	Standpipe	Flush	G	р	0.20 (1.3011)	Y	N	G	Ŕ	. G	R	NL	G	þ		Υ	N	
Condition of	e e e e e e e e e e e e e e e e e e e	Vivigenski			ATOT	L#CAP	S REPLA	CED ⇒			0	= TOTA	#OFLO	OCKS R	EPLACED			
Abando	oned Monitori	ng Vvells:	(G)	Р	N/A	lf Pc	OR, Bor	ings/Well	Ds or Lo	ation De	scription					Υ		
	n Compound oxes that app		Condi	tion of En	closure		on of Area		Com	ound Se	ourity	Emergi	ncy Cont Visible	act Info	Gleaning / Repairs Recommended and Conducted		os of lition	Repair Date and PM initials
Buildi Building w/ Fe Fenced Cor Traile	ng nce Comp, mpound		G	P	(N/Ā)	G	р	(N/A	<i>)</i> G	Р	(N/A)	enveringenveringen englische Enterende	N	N/A		Υ	0	
Number of Drums On-site		abel Rey of the Con		W	ed Correcti riting Legib		Dru	in Condit	ion	Confim Relat Enviror	ed to		Located essinteria		Detailed Explanation of Any Issues Resolved	Phot Dn Cond	um	Date Drums Romoved From Site and PW Initials
2		N	N/A	\Diamond	N	N/A	(G)	Р	N/A	· (2)	N	0	N	N/A		Υ	(N)	

G = Good (Acceptable) R = Replaced

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

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

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

^{* =} Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations. Version 2.4, March 2008

WELL GAUGING DATA

Project # 17	ニー とく歌 つこ	3K4-	Date	12-21-12	Client	Shell		
					•		٠.	
		;			•			
Site 499	San	Pohlo	Ave	All	MA			

	Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
- Commence	S-1	1130	3					7.70	11.33	100	
***************************************			of the state of th								
- Andreas - Andr		T-y-a-di-right							· · ·		
Commence of the Comment											
-											
			-								
Louisins	, , , , , , , , , , , , , , , , , , ,										
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		A TATAL					7	and the second s			
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										The second secon	
	e de la companya de l									- The state of the	
	and the same of th										
							· · · · · · · · · · · · · · · · · · ·			***************************************	· · · · · · · · · · · · · · · · · · ·
		American									
****											and the second
									-		

BTS #:/2	12215K	4		Site: 98 99	7.51/43	
Sampler: Sampler:		TOTAL CONTRACTOR OF THE PARTY O		Site: 98 99 Date: 12-2	1-12	
Well I.D.:	<u> </u>	>-/		Well Diamete	r: 2-32)4	6 8
Total Well	Depth (TD): <u>/</u>	1.33	Depth to Wat	er (DTW): 7.	70
Depth to Fr	ree Product	•	Showing.	Thickness of	Free Product (fe	eet):
Referenced	to:	CPVC_	→ Grade	D.O. Meter (i	f req'd):	YSI HACH
DTW with	80% Rech	arge [(F	leight of Water	Column x 0.20	<u>)</u> + DTW]:	8.43
Purge Method:	Bailer Disposable B Positive Air I Electric Subm	Displacem	ent Extrac Other	Waterra Peristaltic ction Pump Well Diame	Sampling Method Other	Disposable Bailer Extraction Port Dedicated Tubing
13	Gals.) X	Em.	= 3.9	Gals. 1"	0.04 4" 0.16 6"	0.65 1.47
1 Case Volume	Specia	fied Volun		il	0.37 Oth	er radius ² * 0.163
Time	Temp (°F)	pН	Cond. (mS or (LS)	Turbidity (NTUs)	Gals. Removed	Observations
Service:	68.2	6.5	423	3/000	1.3	
n i de en trade de la constante	والمراور المراور والمراور والم	Defendance	14/1 de	where C	7.5	a. ?
				3 100 3		
1335	59.6	6.5	426	148	Grab	
Did well de	water? 伐	Yes)	No	Gallons actual	ly evacuated:	1,5
Sampling D	ate: 12-2	in the Town	Sampling Time	: [335	Depth to Wate	r: 9.01 (Aho
Sample I.D.	: S-1			Laboratory:	Fest America	Other
Analyzed fo	r: ार्म-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:	
EB I.D. (if a	pplicable):	A CHANGE TO SERVICE TO SERVICE TO	Time	Duplicate I.D.	(if applicable):	
Analyzed for	r: TPH-G	BTEX	МТВЕ ТРН-D	Oxygenates (5)	Other:	AAA TII TAA TII TAA TAA TAA TAA TAA TAA
O.O. (if req'o	d): Pre	e-purge:		mg/L I	ost-purge:	mg/L
O.R.P. (if re	q'd): Pre	-purge:		mV I	ost-purge:	mV
						THE RESERVE THE PROPERTY OF TH

DATE:

ADDRESS

12-21-12

CITY & STATE

		<u> </u>				Observ	rations U	pon Arri	val						Note Repairs Made	Phot		Repair Date
Well ID	Manway	r Cover.	Type, Co	ondition	& Size	AROUSE BROCHEROSES	nted	Well (Grip	iper)	Well L	ock Con	dition	Well Surf	ace .	Detailed Explanation of Maintenance Recommended and Performed	Wi Cond	ell	and PM Initials
5-1	Standpipe	Æftish	(G)	Р	Size (inch)	Prop	eriy: N	Cont	lition R	(B)	R	NL	Gond (G)	inion P		γ	(Ñ)	
,	Standpipe		G	Р	Size (inch)	Y	N	G	R	G	R	NL	G	P		Υ	N	
	Standhho	riusii	Ģ		Size (inch)	,	1.5					176-						
	Standpipe	Flush	G	P	6: 0 1	Υ	N	G	R	G	R	NL	G	Þ		Y	N	
	Standpipe	Flush	G	P	Size (Inch)	Y	N	G	R	. G	R	NL.	G	Р		Y	N	
- The transfer of the second s	Standpipe	Flush	G	þ	Size (inch)	Y	N	G	R	G	R	NL	G	Р		Υ	N	
	Standpipe	Flush	G	þ	Size (inch)	Υ	N	G	R	G	R	NL	G	P		Υ	N	
	Standpipe	Flush	G	P ^	Size (inch)	Y	N	G	R	G	R	NL.	G	P		Y	N	
	Standpipe	Flush	G	р	Size (inch)	Y	N	G	R	G	R	NL	G	þ		Υ	N	
	Standpipe	Flush	G	Р	Size (inch)	Y	N	G	R	O	R	NL.	G	р		Υ.	. N	
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G .	R	NL	G	P		Υ	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	Р		Υ	N	
					TOTA	L#CAP	S REPLA	\CED =			0	= тота	L#OFL	OCKS RI	EPLACED			
Condition of Abando	Soll Boring P oned Monitori		Ø	P	N/A	lf P	OOR, Bor	ings/Well	IDs or Lo	cation De	scription.					Υ	N	
	n Compound oxes that app		Cond	tion of Er	iclosure		ion of Are Enclosure		Com	pound Se	purity	Emerg	ency Cont Visible	act Info	Gleaning / Repairs Recommended and Conducted		os ot Iitiun	Repair Date and PM Initials
NA Buildi Building w/ Fe Fenced Co Trail	ing ence Comp. mpound	X	G	P	(N/A)	G	P	(ÑA) _G	P	N/A	Y	N	NA)		Υ	N	
Number of Drums On-site	Does the	Label Res of the Cor			led Correct /riting Legit		Dn	ım Condi	llon	Relai	Drums ed to imental		s Located ess Interi		Detailed Explanation of Any Issues Resolveti	Dr	os af um Jitton	Date Droms Removed from Site and PM Initials
9	0	N	N/A	0	N	N/A	(G)	Р	N/A	(2)	N		N	N/A	Absorbent Sock	Y	N	

G = Good (Acceptable) R = Replaced

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

Version 2.4, March 2008

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

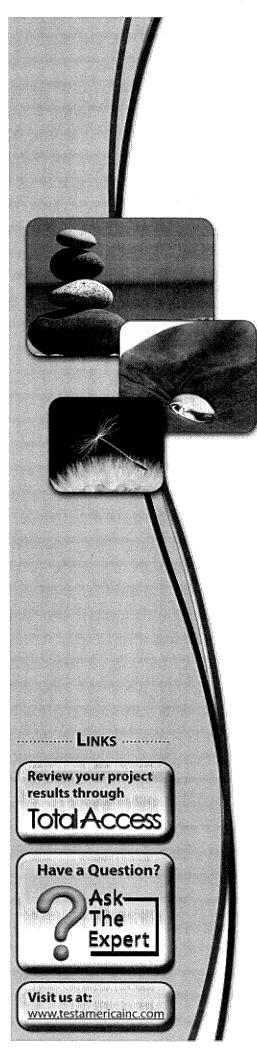
Print or type Name of Field Personnel & Consultant Company

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

^{* =} Groundwater monitoring well covers must be painted and tabeled in accordance with applicable regulations.

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: 440-31259-1

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

Philip Samble

Authorized for release by: 12/17/2012 4:52:30 PM

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Project Manager I
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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: 440-31259-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-31259-1	S-1	Water	11/28/12 14:03	12/01/12 10:45
440-31259-2	S-2	Water	11/28/12 14:50	12/01/12 10:45
440-31259-3	S-3	Water	11/28/12 14:28	12/01/12 10:45
440-31259-4	S-4	Water	11/29/12 09:35	12/01/12 10:45
440-31259-5	S-6	Water	11/29/12 09:48	12/01/12 10:45
440-31259-6	S-8	Water	11/29/12 09:20	12/01/12 10:45
440-31259-7	S-9	Water	11/29/12 08:12	12/01/12 10:45

Case Narrative

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

TestAmerica Job ID: 440-31259-1

Job ID: 440-31259-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-31259-1

Comments

No additional comments.

Receipt

The samples were received on 12/1/2012 10:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 1.4° C, 2.3° C, 3.3° C and 3.4° C.

GC/MS VOA

Method(s) 8260B/CA_LUFTMS: Due to the high concentration of total petroleum hydrocarbons, the matrix spike / matrix spike duplicate (MS/MSD) for batch 71551 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8260B: The following sample(s) was diluted due to the abundance of hydrocarbons: S-6 (440-31259-5). Elevated reporting limits (RLs) are provided.

No other 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: 440-31259-1

Client Sample ID: S-1

Date Collected: 11/28/12 14:03 Date Received: 12/01/12 10:45 Lab Sample ID: 440-31259-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	5400		1000		ug/L	-		12/12/12 12:49	20
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		80 - 120			-		12/12/12 12:49	20
4-Bromofluorobenzene (Surr)	103		80 - 120					12/12/12 12:49	20
Toluene-d8 (Surr)	102		80 - 120					12/12/12 12:49	20
					ug/L				
Benzene	10		0.50		ug/L			12/06/12 05:04	1
Ethylbenzene	2.8		0.50		ug/L			12/06/12 05:04	1
•									
•	22		0.50		ug/L			12/06/12 05:04	1
•	22 3.4		0.50 0.50		ug/L ug/L			12/06/12 05:04 12/06/12 05:04	1 1
Methyl-t-Butyl Ether (MTBE) Toluene									
Methyl-t-Butyl Ether (MTBE) Toluene	3.4	Qualifier	0.50		ug/L		Prepared	12/06/12 05:04	1 1 1 <i>Dil F</i> ac
Methyl-t-Butyl Ether (MTBE) Toluene Xylenes, Total	3.4 6.6	Qualifier	0.50 1.0		ug/L	-	Prepared	12/06/12 05:04 12/06/12 05:04	1 1 1 Dil Fac
Methyl-t-Butyl Ether (MTBE) Toluene Xylenes, Total Surrogate	3.4 6.6 %Recovery	Qualifier	0.50 1.0 <i>Limits</i>		ug/L	-	Prepared	12/06/12 05:04 12/06/12 05:04 <i>Analyzed</i>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Client Sample ID: S-2

Date Collected: 11/28/12 14:50

Date Received: 12/01/12 10:45

Lab Sample ID: 440-31259-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	7600		500	,	ug/L			12/07/12 04:17	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	110	***************************************	80 - 120			-		12/07/12 04:17	10
4-Bromofluorobenzene (Surr)	105		80 - 120					12/07/12 04:17	10
Toluene-d8 (Surr)	103		80 - 120					12/07/12 04:17	10
Method: 8260B - Volatile Orga Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	18		0.50		ug/L			12/06/12 10:34	1
Ethylbenzene	5.4		0.50		ug/L			12/06/12 10:34	1
Methyl-t-Butyl Ether (MTBE)	97		0.50		ug/L			12/06/12 10:34	1
tert-Butyl alcohol (TBA)	47		10		ug/L			12/06/12 10:34	1
Toluene	2.1		0.50		ug/L			12/06/12 10:34	1
Xylenes, Total	4.4		1.0		ug/L			12/06/12 10:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120			-		12/06/12 10:34	1
	94		80 - 120					12/06/12 10:34	1
Dibromofluoromethane (Surr)	34		00 - 120					. =	

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA TestAmerica Job ID: 440-31259-1

Client Sample ID: S-3

Lab Sample ID: 440-31259-3

Date Collected: 11/28/12 14:28 Date Received: 12/01/12 10:45 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	3000		50		ug/L			12/06/12 12:06	1
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		80 - 120			-		12/06/12 12:06	1
4-Bromofluorobenzene (Surr)	100		80 - 120					12/06/12 12:06	1
Toluene-d8 (Surr)	105		80 - 120					12/06/12 12:06	1
Ethaniba anno a a	0.50							40/00/40 40 00	
Benzene	1.1		0.50		ug/L			12/06/12 12:06	1
Etnyibenzene	0.59		0.50		ug/L			12/06/12 12:06	1
•	0.59 ND		0.50 0.50		ug/L ug/L			12/06/12 12:06 12/06/12 12:06	1 1
Methyl-t-Butyl Ether (MTBE)					_				1 1 1
Methyl-t-Butyl Ether (MTBE) tert-Butyl alcohol (TBA)	ND		0.50		ug/L			12/06/12 12:06	1 1 1 1
Methyl-t-Butyl Ether (MTBE) tert-Butyl alcohol (TBA) Toluene	ND ND		0.50		ug/L ug/L			12/06/12 12:06 12/06/12 12:06	1 1 1 1 1
Methyl-t-Butyl Ether (MTBE) tert-Butyl alcohol (TBA) Toluene	ND ND 0.56	Qualifier	0.50 10 0.50		ug/L ug/L ug/L		Prepared	12/06/12 12:06 12/06/12 12:06 12/06/12 12:06	1 1 1 1 1 Dil Fac
Methyl-t-Butyl Ether (MTBE) tert-Butyl alcohol (TBA) Toluene Xylenes, Total Surrogate	ND 0.56 1.4	Qualifier	0.50 10 0.50 1.0		ug/L ug/L ug/L	-	Prepared	12/06/12 12:06 12/06/12 12:06 12/06/12 12:06 12/06/12 12:06	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
tert-Butyl alcohol (TBA) Toluene Xylenes, Total	ND 0.56 1.4 %Recovery	Qualifier	0.50 10 0.50 1.0 <i>Limits</i>		ug/L ug/L ug/L		Prepared	12/06/12 12:06 12/06/12 12:06 12/06/12 12:06 12/06/12 12:06 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Client Sample ID: S-4

Lab Sample ID: 440-31259-4

Date Collected: 11/29/12 09:35

Matrix: Water

Date Received: 12/01/12 10:45

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			12/06/12 12:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	98		80 - 120			-		12/06/12 12:36	1
4-Bromofluorobenzene (Surr)	93		80 - 120					12/06/12 12:36	1
Toluene-d8 (Surr)	102		80 - 120					12/06/12 12:36	1
- Method: 8260B - Volatile Organic	: Compounds (GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L	-		12/06/12 12:36	1
Ethylbenzene	ND		0.50		ug/L			12/06/12 12:36	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			12/06/12 12:36	1
Toluene	ND		0,50		ug/L			12/06/12 12:36	1
Xylenes, Total	ND		1.0		ug/L			12/06/12 12:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		80 - 120			-		12/06/12 12:36	1
Dibromofluoromethane (Surr)	98		80 - 120					12/06/12 12:36	1
Toluene-d8 (Surr)	102		80 - 120					12/06/12 12:36	1

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

TestAmerica Job ID: 440-31259-1

Client Sample ID: S-6

Date Collected: 11/29/12 09:48 Date Received: 12/01/12 10:45 Lab Sample ID: 440-31259-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	5800		500		ug/L			12/06/12 13:07	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	90		80 - 120			-		12/06/12 13:07	10
4-Bromofluorobenzene (Surr)	93		80 - 120					12/06/12 13:07	10
Toluene-d8 (Surr)	102		80 ₋ 120					12/06/12 13:07	10
Benzene Ethylbenzene	64 5.1		5.0 5.0		ug/L ug/L			12/06/12 13:07 12/06/12 13:07	10 10
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
•					=				
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/L			12/06/12 13:07	10
Toluene	7.1		5.0		ug/L			12/06/12 13:07	10
	26		10		ug/L			12/06/12 13:07	10
Xylenes, Total									
Xylenes, Total Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
•		Qualifier	Limits 80 - 120			-	Prepared	Analyzed 12/06/12 13:07	Dil Fac
Surrogate	%Recovery	Qualifier				-	Prepared		

Client Sample ID: S-8

Date Collected: 11/29/12 09:20

Date Received: 12/01/12 10:45

Lab Sample ID: 440-31259-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	14000		250		ug/L			12/06/12 13:38	5
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	92		80 - 120			-		12/06/12 13:38	5
4-Bromofluorobenzene (Surr)	96		80 - 120					12/06/12 13:38	- 5
Toluene-d8 (Surr)	102		80 - 120					12/06/12 13:38	5
Ethylbenzene	280		2.5 2.5		ug/L ug/L			12/06/12 13:38	5
Analyte Benzene	120	Qualifier	RL	INDL	Unit	D	Prepared	Analyzed 12/06/12 13:38	Dil Fac
•			2.5 2.5		-				-
Methyl-t-Butyl Ether (MTBE) tert-Butyl alcohol (TBA)	85 ND		2.5 50		ug/L			12/06/12 13:38 12/06/12 13:38	
, ,			2.5		ug/L				5
Toluene	5.9				ug/L			12/06/12 13:38	5
Xylenes, Total	290		5.0		ug/L			12/06/12 13:38	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96	***************************************	80 - 120			_		12/06/12 13:38	5
Dibromofluoromethane (Surr)	92		80 _ 120					12/06/12 13:38	5

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

TestAmerica Job ID: 440-31259-1

Client Sample ID: S-9

Date Received: 12/01/12 10:45

Date Collected: 11/29/12 08:12

Lab Sample ID: 440-31259-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			12/06/12 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	96		80 - 120			-		12/06/12 14:08	1
4-Bromofluorobenzene (Surr)	94		80 - 120					12/06/12 14:08	1
Toluene-d8 (Surr)	101		80 ₋ 120					12/06/12 14:08	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			12/06/12 14:08	1
Ethylbenzene	ND		0.50		ug/L			12/06/12 14:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			12/06/12 14:08	1
Toluene	ND		0.50		ug/L			12/06/12 14:08	1
Xylenes, Total	ND		1.0		ug/L			12/06/12 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		80 - 120			-		12/06/12 14:08	1
Dibromofluoromethane (Surr)	96		80 - 120					12/06/12 14:08	1
Toluene-d8 (Surr)	101		80 - 120					12/06/12 14:08	1

Lab Chronicle

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

TestAmerica Job ID: 440-31259-1

Client Sample ID: S-1

Date Collected: 11/28/12 14:03 Date Received: 12/01/12 10:45 Lab Sample ID: 440-31259-1

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		1	10 mL	10 mL	71434	12/06/12 05:04	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		20	10 mL	10 mL	72745	12/12/12 12:49	CP	TAL IRV

Client Sample ID: S-2

Date Collected: 11/28/12 14:50

Lab Sample ID: 440-31259-2 Matrix: Water

Date Received: 12/01/12 10:45

<u> </u>	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	71550	12/06/12 10:34	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		10	10 mL	10 mL	71731	12/07/12 04:17	RM	TAL IRV

Client Sample ID: S-3

Date Collected: 11/28/12 14:28

Lab Sample ID: 440-31259-3

Matrix: Water

Date Received: 12/01/12 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	71550	12/06/12 12:06	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	71551	12/06/12 12:06	WC	TAL IRV

Client Sample ID: S-4

Date Collected: 11/29/12 09:35

Date Received: 12/01/12 10:45

Lab Sample ID: 440-31259-4

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		1	10 mL	10 mL	71550	12/06/12 12:36	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	71551	12/06/12 12:36	WC	TAL IRV

Client Sample ID: S-6

Date Collected: 11/29/12 09:48

ab Sample ID. 440-31259-5 Matrix: Water

Lab Sample ID: 440-31259-5

Date Received: 12/01/12 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		10	10 mL	10 mL	71550	12/06/12 13:07	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		10	10 mL	10 mL	71551	12/06/12 13:07	,MC	TAL IRV

Client Sample ID: S-8

Date Collected: 11/29/12 09:20

Lab Sample ID: 440-31259-6

Matrix: Water

Date Received: 12/01/12 10:45

		Batch	Batch		Dil	Initial	Final	Batch	Prepared		
	Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
1	Total/NA	Analysis	8260B		5	10 mL	10 mL	71550	12/06/12 13:38	WC	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA TestAmerica Job ID: 440-31259-1

Client Sample ID: S-8

Date Collected: 11/29/12 09:20

Lab Sample ID: 440-31259-6

Matrix: Water

Date Received: 12/01/12 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/CA LUFTMS		5	10 mL	10 mL	71551	12/06/12 13:38	WC	TAL IRV

Client Sample ID: S-9

Date Collected: 11/29/12 08:12

Date Received: 12/01/12 10:45

Lal	h	Sa	mp	le	ID:	440)-31	25	9-7

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		1	10 mL	10 mL	71550	12/06/12 14:08	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	71551	12/06/12 14:08	WC	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 440-71434/4

Client Sample ID: Method Blank
Matrix: Water

Prep Type: Total/NA

Analysis Batch: 71434

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			12/05/12 21:16	1
Ethylbenzene	ND		0.50		ug/L			12/05/12 21:16	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			12/05/12 21:16	1
Toluene	ND		0.50		ug/L			12/05/12 21:16	1
Xylenes, Total	ND		1.0		ug/L			12/05/12 21:16	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		80 - 120		12/05/12 21:16	1
Dibromofluoromethane (Surr)	105		80 - 120		12/05/12 21:16	1
Toluene-d8 (Surr)	106		80 - 120		12/05/12 21:16	1

Lab Sample ID: LCS 440-71434/5

Matrix: Water

Analysis Batch: 71434

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		100	70 - 120	
Ethylbenzene	25.0	25.9		ug/L		104	75 - 125	
m,p-Xylene	- 50.0	54.8		ug/L		110	75 - 125	
Methyl-t-Butyl Ether (MTBE)	25.0	25.0		ug/L		100	60 - 135	
o-Xylene	25.0	27.0		ug/L		108	75 - 125	
Toluene	25.0	24.7		ug/L		99	70 - 120	

LCS LCS

1			
	Surrogate	%Recovery Quality	fier Limits
l	4-Bromofluorobenzene (Surr)	107	80 - 120
I	Dibromofluoromethane (Surr)	110	80 - 120
	Toluene-d8 (Surr)	106	80 - 120

Lab Sample ID: 440-31321-D-1 MS

Matrix: Water

Analysis Batch: 71434

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

-	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		25.0	24.8		ug/L		99	65 - 125	
Ethylbenzene	ND		25.0	25.6		ug/L		102	65 _ 130	
m,p-Xylene	ND		50.0	52.8		ug/L		106	65 - 130	
Methyl-t-Butyl Ether (MTBE)	1.9		25.0	28.4		ug/L		106	55 - 145	
o-Xylene	ND		25.0	25.7		ug/L		103	65 _ 125	
Toluene	ND		25.0	24.4		ug/L		98	70 _ 125	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	106	80 _ 120
Dibromofluoromethane (Surr)	104	80 _ 120
Toluene-d8 (Surr)	107	80 - 120

TestAmerica Job ID: 440-31259-1

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

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

Lab Sample ID: 440-31321-D	-1 MSD						Client Sa	ample ID	: Matrix Sp	ike Dup	licate
Matrix: Water									Prep T	ype: To	tal/NA
Analysis Batch: 71434											
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	22.9		ug/L		92	65 - 125	8	20
Ethylbenzene	ND		25.0	24.7		ug/L		99	65 _ 130	3	20
m,p-Xylene	ND		50.0	52.0		ug/L		104	65 _ 130	2	25
Methyl-t-Butyl Ether (MTBE)	1.9		25.0	24.7		ug/L		91	55 - 145	14	25
o-Xylene	ND		25.0	24.9		ug/L		100	65 - 125	3	20
Toluene	ND		25.0	22.8		ug/L		91	70 - 125	7	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104	***************************************	80 - 120								
Dibromofluoromethane (Surr)	100		80 - 120								
Toluene-d8 (Surr)	107		80 ₋ 120								

Lab Sample ID: MB 440-71550/4

Matrix: Water

Analysis Batch: 71550

Client Sample ID: Method Blank

Prep Type: Total/NA

	MR	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	, D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			12/06/12 09:02	1
Ethylbenzene	ND		0.50		ug/L			12/06/12 09:02	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			12/06/12 09:02	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			12/06/12 09:02	1
Toluene	ND		0.50		ug/L			12/06/12 09:02	1
Xylenes, Total	ND		1.0		ug/L			12/06/12 09:02	1

	MB	MB			
Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		80 - 120	12/06/12 09:02	1
Dibromofluoromethane (Surr)	93		80 - 120	12/06/12 09:02	1
Toluene-d8 (Surr)	102		80 - 120	12/06/12 09:02	1

Lab Sample ID: LCS 440-71550/5

Matrix: Water

Analysis Batch: 71550

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

Spike	LCS	LCS				%Rec.	
Added	Result	Qualifier	Unit	D	%Rec	Limits	
25.0	24.7		ug/L		99	70 - 120	
25.0	26.1		ug/L		104	75 - 125	
50.0	52.0		ug/L		104	75 - 125	
25.0	24.8		ug/L		99	60 - 135	
25.0	25.7		ug/L		103	75 - 125	
125	131		ug/L		105	70 - 135	
25.0	25.9		ug/L		104	70 - 120	
	25.0 25.0 50.0 25.0 25.0 25.0	Added Result 25.0 24.7 25.0 26.1 50.0 52.0 25.0 24.8 25.0 25.7 125 131	Added Result 24.7 Qualifier 25.0 24.7 25.0 25.0 26.1 52.0 25.0 24.8 25.0 25.0 25.7 131	Added Result 25.0 Qualifier 24.7 Unit ug/L ug/L ug/L ug/L 25.0 26.1 ug/L ug/L 50.0 52.0 ug/L 25.0 24.8 ug/L 25.0 25.7 ug/L 125 131 ug/L	Added Result 24.7 Qualifier Unit ug/L D 25.0 24.7 ug/L ug/L 25.0 26.1 ug/L ug/L 50.0 52.0 ug/L ug/L 25.0 24.8 ug/L 25.0 25.7 ug/L 125 131 ug/L	Added Result 24.7 Qualifier Unit ug/L D %Rec 25.0 24.7 ug/L 99 25.0 26.1 ug/L 104 50.0 52.0 ug/L 104 25.0 24.8 ug/L 99 25.0 25.7 ug/L 103 125 131 ug/L 105	Added Result Qualifier Unit D %Rec Limits 25.0 24.7 ug/L 99 70 - 120 25.0 26.1 ug/L 104 75 - 125 50.0 52.0 ug/L 104 75 - 125 25.0 24.8 ug/L 99 60 - 135 25.0 25.7 ug/L 103 75 - 125 125 131 ug/L 105 70 - 135

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93	***************************************	80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA TestAmerica Job ID: 440-31259-1

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

Lab Sample ID: 440-31259-C-2 MS

Matrix: Water

Analysis Batch: 71550

Client Sample ID: S-2 Prep Type: Total/NA

							o. –	
Sample Sample	Spike	MS	MS				%Rec.	
Result Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
18	25.0	40.2		ug/L		89	65 _ 125	
5.4	25.0	29.4		ug/L		96	65 _ 130	
3.4	50.0	52.8		ug/L		99	65 _ 130	
97	25.0	132		ug/L		139	55 - 145	
1.0	25.0	25.8		ug/L		99	65 _ 125	
47	125	172		ug/L		100	65 - 140	
2.1	25.0	27.4		ug/L		101	70 _ 125	
	18 5.4 3.4 97 1.0 47	Result Qualifier Added 18 25.0 5.4 25.0 3.4 50.0 97 25.0 1.0 25.0 47 125	Result Qualifier Added Result 18 25.0 40.2 5.4 25.0 29.4 3.4 50.0 52.8 97 25.0 132 1.0 25.0 25.8 47 125 172	Result Qualifier Added Result Qualifier 18 25.0 40.2 5.4 25.0 29.4 3.4 50.0 52.8 97 25.0 132 1.0 25.0 25.8 47 125 172	Result Qualifier Added Result Qualifier Unit 18 25.0 40.2 ug/L 5.4 25.0 29.4 ug/L 3.4 50.0 52.8 ug/L 97 25.0 132 ug/L 1.0 25.0 25.8 ug/L 47 125 172 ug/L	Result Qualifier Added Result Qualifier Unit D 18 25.0 40.2 ug/L ug/L 5.4 25.0 29.4 ug/L 3.4 50.0 52.8 ug/L 97 25.0 132 ug/L 1.0 25.0 25.8 ug/L 47 125 172 ug/L	Result Qualifier Added Added Result Qualifier Unit Unit Unit Unit Unit Unit Unit Unit	Result Qualifier Added Result Qualifier Unit D %Rec Limits 18 25.0 40.2 ug/L 89 65 - 125 5.4 25.0 29.4 ug/L 96 65 - 130 3.4 50.0 52.8 ug/L 99 65 - 130 97 25.0 132 ug/L 139 55 - 145 1.0 25.0 25.8 ug/L 99 65 - 125 47 125 172 ug/L 100 65 - 140

	MS MS	
Surrogate	%Recovery Qua	alifier Limits
4-Bromofluorobenzene (Surr)	101	80 _ 120
Dibromofluoromethane (Surr)	100	80 _ 120
Toluene-d8 (Surr)	104	80 - 120

Lab Sample ID: 440-31259-C-2 MSD

Matrix: Water

Analysis Batch: 71550

Client Sample ID: S-2 Prep Type: Total/NA

Analysis Batch: 7 1000	Comple	Sample	Spike	Men	MSD				%Rec.		RPD
	•	•	•								
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	18		25.0	40.3		ug/L		89	65 - 125	0	20
Ethylbenzene	5.4		25.0	30.1		ug/L		99	65 - 130	2	20
m,p-Xylene	3.4		50.0	53.4		ug/L		100	65 _ 130	1	25
Methyl-t-Butyl Ether (MTBE)	97		25.0	125		ug/L		110	55 - 145	6	25
o-Xylene	1.0		25.0	26.6		ug/L		102	65 - 125	3	20
tert-Butyl alcohol (TBA)	47		125	175		ug/L		103	65 - 140	2	25
Toluene	2.1	,	25.0	27.9		ug/L		103	70 - 125	2	20
Į.											

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	94		80 - 120
Toluene-d8 (Surr)	103		80 - 120

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

Lab Sample ID: MB 440-71551/4 Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA

Analysis Batch: 71551

мв мв Analyte Result Qualifier RLMDL Unit Prepared Analyzed Dil Fac Volatile Fuel Hydrocarbons (C4-C12) ND 50 ug/L 12/06/12 09:02

	MB	МВ				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	93		80 - 120		12/06/12 09:02	1
4-Bromofluorobenzene (Surr)	94		80 - 120		12/06/12 09:02	1
Toluene-d8 (Surr)	102		80 - 120		12/06/12 09:02	1

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

TestAmerica Job ID: 440-31259-1

Client Sample ID: 440-31259-C-2 MSD

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

Lab Sample ID: LCS 440-71	551/6						Client	Sample	ID: Lab Control Sample
Matrix: Water									Prep Type: Total/NA
Analysis Batch: 71551			Spike	1.00	LCS				%Rec.
Analyte			Added		Qualifier	Unit	D	%Rec	Limits
Volatile Fuel Hydrocarbons			500	515		ug/L		103	55 - 130
(C4-C12)			300	0.0		~g. =			33 1 1 3 3
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
Dibromofluoromethane (Surr)	97		80 - 120						
4-Bromofluorobenzene (Surr)	95		80 - 120						
Toluene-d8 (Surr)	105		80 - 120						
Lab Sample ID: 440-31259-0	C-2 MS						Clie	nt Sam	ole ID: 440-31259-C-2 MS

Matrix: Water									Prep	Type: Total/NA
Analysis Batch: 71551										
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Volatile Fuel Hydrocarbons	7400		1730	8900	E 4	ug/L		84	50 - 145	
(C4-C12)										

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

Lab Sample ID: 440-31259-C-2 MSD

Matrix: Water								•	Prep T	ype: To	tal/NA
Analysis Batch: 71551											
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Volatile Fuel Hydrocarbons (C4-C12)	7400		1730	8670	E 4	ug/L		71	50 ₋ 145	3	20

•			
	MSD	MSD	
te	%Recovery	Qualifier	Limits
fluoromethane (Surr)	94		80 - 120
fluorobenzene (Surr)	93		80 - 120
d8 (Surr)	103		80 - 120
t	fluoromethane (Surr) fluorobenzene (Surr)	Tuoromethane (Surr) 94 Fluorobenzene (Surr) 93	fluoromethane (Surr) 94 fluorobenzene (Surr) 93

Lab Sample ID: MB 440-71731/4 Matrix: Water Analysis Batch: 71731							Client Sa	ample ID: Metho Prep Type: T	
Analysis Baton: 7 1701	мв	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			12/06/12 18:26	1
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		80 - 120			-		12/06/12 18:26	1
4-Bromofluorobenzene (Surr)	100		80 - 120	1.				12/06/12 18:26	1
Toluene-d8 (Surr)	93		80 ₋ 120					12/06/12 18:26	1

TestAmerica Job ID: 440-31259-1

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

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/	€C/MS (Continued)
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Lab Sample ID: LCS 440-7173	1/6									Cli	ient	Sample	ID: Lab Co		
Matrix: Water													Prep Ty	/pe: To	tal/NA
Analysis Batch: 71731															
				Spike		LCS	LCS						%Rec.		
Analyte				Added	F	Result	Qualif	fier	Unit		D .	%Rec	Limits		
Volatile Fuel Hydrocarbons (C4-C12)				500		512			ug/L			102	55 _ 130		
	LCS	LCS													
Surrogate	%Recovery	Qualifier		Limits											
Dibromofluoromethane (Surr)	101			80 - 120											
4-Bromofluorobenzene (Surr)	104			80 - 120											
Toluene-d8 (Surr)	101			80 - 120											
Lab Sample ID: 440-31564-B-1	1 MS											Client	Sample ID:	Matrix	Spik
Matrix: Water													Prep T	ype: To	tal/N/
Analysis Batch: 71731															
	Sample	Sample		Spike		MS	MS						%Rec.		
Analyte		Qualifier	· 	Added	F		Quali	fier	Unit		D	%Rec	Limits		
Volatile Fuel Hydrocarbons (C4-C12)	ND			1730		1470			ug/L			83	50 ₋ 145		
	мѕ	MS													
Surrogate	%Recovery	Qualifie	r	Limits											
Dibromofluoromethane (Surr)	105			80 - 120											
	99			80 - 120											
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-'	99			80 - 120 80 - 120						Clier	nt Sa	ımple IC	D: Matrix Sp		
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B- Matrix: Water Analysis Batch: 71731	99									Clier	nt Sa	ımple IC	-	ike Dur ype: To	
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-′ Matrix: Water	99	Sample				MSD	MSD			Clier	nt Sa	ımple IC	-		tal/N
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-′ Matrix: Water Analysis Batch: 71731	99 1 MSD Sample Result	Sample Qualifier	r	80 - 120	1	MSD Result		fier	Unit	Clier	nt Sa	mple IC %Rec	Prep T		tal/N/
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B- Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons	99 1 MSD Sample	-	,	80 - 120 Spike				fier	Unit ug/L	Clier		-	Prep T	ype: To	tal/Na RP Lim
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B- Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons	99 1 MSD Sample Result	Qualifier	<u></u>	80 - 120 Spike Added		Result		fier		Clier		%Rec	Prep T %Rec. Limits	ype: To	tal/N/ RP Lim
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B- Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12)	99 1 MSD Sample Result ND	Qualifier MSD		80 - 120 Spike Added	1	Result		fier		Clier		%Rec	Prep T %Rec. Limits	ype: To	tal/Na RP Lim
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-7 Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate	99 1 MSD Sample Result ND MSD	Qualifier MSD		Spike Added 1730	1	Result		fier		Clier		%Rec	Prep T %Rec. Limits	ype: To	tal/Na RP Lim
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B- Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr)	99 1 MSD Sample Result ND MSD %Recovery	Qualifier MSD		Spike Added 1730	1	Result		fier		Clier		%Rec	Prep T %Rec. Limits	ype: To	tal/N/ RP Lim
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B- Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr)	Sample Result ND MSD %Recovery 107	Qualifier MSD		Spike Added 1730 Limits 80 - 120		Result		fier		Clier		%Rec	Prep T %Rec. Limits	ype: To	tal/N. RP Lim
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B- Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr)	Sample Result ND MSD %Recovery 107 98 96	Qualifier MSD		Spike Added 1730 Limits 80 - 120 80 - 120		Result		fier		Clier	<u>D</u>	%Rec 86	Prep T %Rec. Limits	RPD 3	RP Lim
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B- Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr)	Sample Result ND MSD %Recovery 107 98 96	Qualifier MSD		Spike Added 1730 Limits 80 - 120 80 - 120		Result		fier		Clier	<u>D</u>	%Rec 86	Rec. Limits 50 - 145	RPD 3	RP Lim 2
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B- Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: MB 440-72748	Sample Result ND MSD %Recovery 107 98 96	Qualifier MSD		Spike Added 1730 Limits 80 - 120 80 - 120		Result		fier		Clier	<u>D</u>	%Rec 86	Rec. Limits 50 - 145	ype: To	RP Lim 2
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: MB 440-72748 Matrix: Water	Sample Result ND MSD %Recovery 107 98 96	Qualifier MSD	r	Spike Added 1730 Limits 80 - 120 80 - 120		Result		fier		Clier	<u>D</u>	%Rec 86	Rec. Limits 50 - 145	ype: To	RP Lim 2
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-7 Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: MB 440-72748 Matrix: Water Analysis Batch: 72745	Sample Result ND MSD %Recovery 107 98 96	Qualifier MSD Qualifier	r	Spike Added 1730 Limits 80 - 120 80 - 120	RL	Result				Clier	<u>D</u>	%Rec 86	Rec. Limits 50 - 145	RPD 3	RP Lim 2
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-7 Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: MB 440-72745 Matrix: Water Analysis Batch: 72745	Sample Result ND MSD %Recovery 107 98 96	MSD Qualified	r	Spike Added 1730 Limits 80 - 120 80 - 120		Result	Quali				<u>D</u>	%Rec 86	%Rec. Limits 50 - 145 Sample ID: I	RPD 3	RP Lim 2
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-7 Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: MB 440-72748 Matrix: Water Analysis Batch: 72745	Sample Result ND MSD %Recovery 107 98 96	MSD Qualified MB ME esult Qualified	r 3 ualifier	Spike Added 1730 Limits 80 - 120 80 - 120	RL	Result	Quali	Unit			<u>D</u>	%Rec 86	Prep T %Rec. Limits 50 - 145 Sample ID: I Prep T	RPD 3	RP Lim 2
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-7 Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: MB 440-72748 Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons (C4-C12)	99 1 MSD Sample Result ND MSD %Recovery 107 98 96 5/4	MSD Qualified MB ME esult Qu ND	r 3 Jalifier	Spike Added 1730 Limits 80 - 120 80 - 120	RL 50	Result	Quali	Unit			D	%Rec 86	Prep T %Rec. Limits 50 - 145 Sample ID: I Prep T	RPD 3 Method ype: To	RP Lim 2
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: MB 440-72748 Matrix: Water	99 1 MSD Sample Result ND MSD %Recovery 107 98 96 5/4	MSD Qualified MB ME esult Qu ND MB MB	r 3 Jalifier	Spike Added 1730 Limits 80 - 120 80 - 120 80 - 120	RL 50	Result	Quali	Unit			D	%Rec 86	%Rec. Limits 50 - 145 Sample ID: I Prep T Analyz 12/12/12 0	Method ype: To	Blandta!/N/
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31564-B-7 Matrix: Water Analysis Batch: 71731 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: MB 440-72745 Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate	99 1 MSD Sample Result ND MSD %Recovery 107 98 96 5/4	MSD Qualified MB ME esult Qu ND MB ME very Qu	r 3 Jalifier	Spike Added 1730 Limits 80 - 120 80 - 120 80 - 120	RL 50 -	Result	Quali	Unit			D	%Rec 86	%Rec. Limits 50 - 145 Sample ID: I Prep T Analyz Analyz	Method ype: To ed	tal/NA RPI Limi 2

TestAmerica Job ID: 440-31259-1

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

Dibromofluoromethane (Surr)

4-Bromofluorobenzene (Surr)

Toluene-d8 (Surr)

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

105

99

104

Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31865-E-11 I Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons (C4-C12)	%Recovery 104 106 105	LCS Qualifier	Spike Added 500 Limits 80 - 120 80 - 120 80 - 120	LCS Result 453	LCS Qualifier	Unit ug/L	D	%Rec 91	%Rec. Limits 55 - 130	/pe: Tot	al/IN <i>F</i>
Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31865-E-11 I Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons	%Recovery 104 106 105		Added 500 Limits 80 - 120 80 - 120	Result			<u>D</u>		Limits		
Volatile Fuel Hydrocarbons (C4-C12) Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31865-E-11 I Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons	%Recovery 104 106 105		500 Limits 80 - 120 80 - 120		Qualifier		D				
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31865-E-11 I Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons	%Recovery 104 106 105		Limits 80 - 120 80 - 120	453		ug/L		91	55 _ 130		
Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31865-E-11 I Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons	%Recovery 104 106 105		80 - 120 80 - 120								
Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31865-E-11 I Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons	104 106 105	Qualifier	80 - 120 80 - 120								
4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-31865-E-11 I Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons	106 105		80 - 120								
Toluene-d8 (Surr) Lab Sample ID: 440-31865-E-11 I Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons	105										
Lab Sample ID: 440-31865-E-11 I Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons			80 - 120								
Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons	MS		00 - 120								
Matrix: Water Analysis Batch: 72745 Analyte Volatile Fuel Hydrocarbons								Client	Sample ID:	Matrix	Spike
Analyte Volatile Fuel Hydrocarbons									Prep Ty	pe: Tot	al/NA
Volatile Fuel Hydrocarbons											
Volatile Fuel Hydrocarbons	Sample	Sample	Spike	MS	MS				%Rec.		
•	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
	ND		1730	1190		ug/L		69	50 _ 145		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
Dibromofluoromethane (Surr)	104		80 - 120								
4-Bromofluorobenzene (Surr)	98		80 - 120								
Toluene-d8 (Surr)	103		80 - 120								
Lab Sample ID: 440-31865-E-11 I	MSD						Client Sa	ample ID): Matrix Sp	ike Dup	licate
Matrix: Water								•	-	ype: Tot	
Analysis Batch: 72745									•	•	
,	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1200		ug/L		70	50 _ 145	1	20
	MSD	MSD									
Surrogate	%Recovery		Limits								

80 - 120

80 - 120

80 - 120

QC Association Summary

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

TestAmerica Job ID: 440-31259-1

GC/MS VOA

Ana	lysis	Batch:	71	434
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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-31259-1	S-1	Total/NA	Water	8260B	
440-31321-D-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-31321-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-71434/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-71434/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 71550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-31259-2	S-2	Total/NA	Water	8260B	
440-31259-3	S-3	Total/NA	Water	8260B	
440-31259-4	S-4	Total/NA	Water	8260B	
440-31259-5	S-6	Total/NA	Water	8260B	
440-31259-6	S-8	Total/NA	Water	8260B	
440-31259-7	S-9	Total/NA	Water	8260B	
440-31259-C-2 MS	S-2	Total/NA	Water	8260B	
440-31259-C-2 MSD	S-2	Total/NA	Water	8260B	
LCS 440-71550/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-71550/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 71551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Bate
440-31259-3	S-3	Total/NA	Water	8260B/CA_LUFT
				MS
440-31259-4	S-4	Total/NA	Water	8260B/CA_LUFT
				MS
440-31259-5	S-6	Total/NA	Water	8260B/CA_LUFT
				MS
440-31259-6	S-8	Total/NA	Water	8260B/CA_LUFT
				MS
440-31259-7	S-9	Total/NA	Water	8260B/CA_LUFT
				MS
440-31259-C-2 MS	440-31259-C-2 MS	Total/NA	Water	8260B/CA_LUFT
				MS
440-31259-C-2 MSD	440-31259-C-2 MSD	Total/NA	Water	8260B/CA_LUFT
				MS
LCS 440-71551/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT
				MS
MB 440-71551/4	Method Blank	Total/NA	Water	8260B/CA_LUFT
_				MS

Analysis Batch: 71731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
440-31259-2	S-2	Total/NA	Water	8260B/CA_LUFT MS
440-31564-B-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS
440-31564-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS
LCS 440-71731/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS
MB 440-71731/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS

QC Association Summary

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

TestAmerica Job ID: 440-31259-1

GC/MS VOA (Continued)

Analysis Batch: 72745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-31259-1	S-1	Total/NA	Water	8260B/CA_LUFT	· · · · · · · · · · · · · · · · · · ·
				MS	
440-31865-E-11 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-31865-E-11 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 440-72745/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 440-72745/4	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: 440-31259-1

Qualifiers

GC/MS VOA

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

E Result exceeded calibration range.

Glossary

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

Certification Summary

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

TestAmerica Job ID: 440-31259-1

Laboratory: TestAmerica Irvine

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

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

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DESCRIPTION OF THE PROPERTY OF

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-31259-1

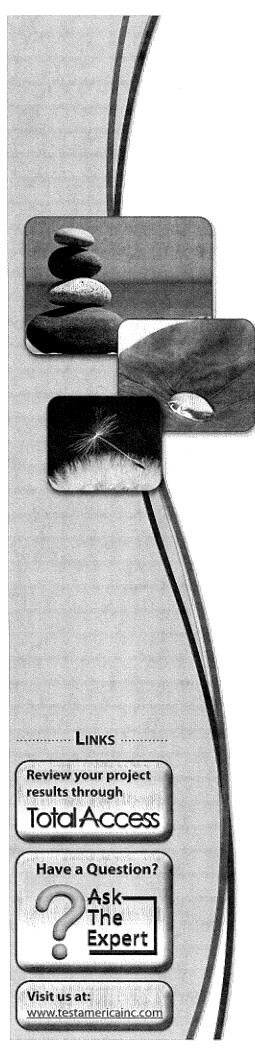
Login Number: 31259

List Number: 1

Creator: Freitag, Kevin R

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</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	Greg Roberts/ P. Cornish
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc. TestAmerica Irvine 17461 Derian Ave Suite 100 Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-33457-1

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

Philip Samue

Authorized for release by: 1/7/2013 9:58:55 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: 440-33457-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-33457-1	S-1	Ground Water	12/21/12 13:35	12/22/12 12:15

Case Narrative

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

TestAmerica Job ID: 440-33457-1

Job ID: 440-33457-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-33457-1

Comments

No additional comments.

Receipt

The sample was received on 12/22/2012 12:15 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1° C.

GC/MS VOA

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Client Sample Results

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

TestAmerica Job ID: 440-33457-1

Client Sample ID: S-1

Lab Sample ID: 440-33457-1

Date Collected: 12/21/12 13:35 Date Received: 12/22/12 12:15 **Matrix: Ground Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	79		50		ug/L			01/04/13 04:42	1
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	94		80 - 120			-		01/04/13 04:42	1
4-Bromofluorobenzene (Surr)	97		80 - 120					01/04/13 04:42	1
Toluene-d8 (Surr)	111		80 - 120					01/04/13 04:42	1
Benzene	ND		0.50		ug/L			01/04/13 04:42	1
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
201120110									
Ethylbenzene	ND				-			01/04/13 04:42	1
Ethylbenzene Methyl-t-Butyl Ether (MTBE)	ND ND		0.50 0.50		ug/L			01/04/13 04:42 01/04/13 04:42	1 1
•			0.50		-				1 1
Methyl-t-Butyl Ether (MTBE)	ND		0.50 0.50		ug/L ug/L			01/04/13 04:42	1 1 1
Methyl-t-Butyl Ether (MTBE) Toluene	ND ND	Qualifier	0.50 0.50 0.50		ug/L ug/L ug/L		Prepared	01/04/13 04:42 01/04/13 04:42	1 1 1 1 Dil Fac
Methyl-t-Butyl Ether (MTBE) Toluene Xylenes, Total	ND ND ND	Qualifier	0.50 0.50 0.50 1.0		ug/L ug/L ug/L		Prepared	01/04/13 04:42 01/04/13 04:42 01/04/13 04:42	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Methyl-t-Butyl Ether (MTBE) Toluene Xylenes, Total Surrogate	ND ND ND %Recovery	Qualifier	0.50 0.50 0.50 1.0		ug/L ug/L ug/L	-	Prepared	01/04/13 04:42 01/04/13 04:42 01/04/13 04:42 <i>Analyzed</i>	1 1 1 1 1 Dil Fac

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA TestAmerica Job ID: 440-33457-1

Client Sample ID: S-1

Lab Sample ID: 440-33457-1

Matrix: Ground Water

Date Collected: 12/21/12 13:35 Date Received: 12/22/12 12:15

	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	76935	01/04/13 04:42	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	76936	01/04/13 04:42	RM	TAL IRV

Laboratory References:

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

TestAmerica Job ID: 440-33457-1

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

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

Lab Sample ID: MB 440-76935/5	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA

Analysis Batch: 76935

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	. D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/03/13 20:54	1
Ethylbenzene	ND		0.50		ug/L			01/03/13 20:54	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/03/13 20:54	1
Toluene	ND		0.50		ug/L			01/03/13 20:54	1
Xylenes, Total	ND		1.0		ug/L			01/03/13 20:54	1

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 98 80 - 120 01/03/13 20:54 Dibromofluoromethane (Surr) 95 80 - 120 01/03/13 20:54 Toluene-d8 (Surr) 109 80 - 120 01/03/13 20:54

Lab Sample ID: LCS 440-76935/6

Client Sample ID: Lab Control Sample
Matrix: Water

Prep Type: Total/NA

Analysis Batch: 76935

-	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	25.0	24.2		ug/L		97	70 - 120
Ethylbenzene	25.0	27.3		ug/L		109	75 - 125
m,p-Xylene	50.0	56.8		ug/L		114	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	26.9		ug/L		107	60 - 135
o-Xylene	25.0	28.1		ug/L		112	75 - 125
Toluene	25.0	27.2		ug/L		109	70 - 120

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	94		80 - 120
Toluene-d8 (Surr)	110		80 - 120

Lab Sample ID: 440-33436-A-1 MS

Client Sample ID: Matrix Spike
Matrix: Water

Prep Type: Total/NA

Analysis Batch: 76935

-	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	26.1		ug/L		105	65 - 130	
m,p-Xylene	ND		50.0	51.9		ug/L		104	65 _ 130	
Methyl-t-Butyl Ether (MTBE)	53		25.0	79.5		ug/L		108	55 - 145	
o-Xylene	ND		25.0	26.8		ug/L		107	65 _ 125	
Toluene	ND		25.0	27.1		ug/L		108	70 - 125	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	96		80 ₋ 120
Toluene-d8 (Surr)	110		80 - 120

TestAmerica Irvine

TestAmerica Job ID: 440-33457-1

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

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

Lab Sample ID: 440-33436-A	N-1 MSD						Client Sa	ample ID): Matrix Sp		
Matrix: Water									Prep T	ype: To	tal/NA
Analysis Batch: 76935	Sample	Sample	Spike	Men	MSD				%Rec.		RPD
Analyte	-	Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	24.4		ug/L		97	65 - 125		20
Ethylbenzene	ND		25.0	26.3		ug/L		105	65 _ 130	0	20
m,p-Xylene	ND		50.0	55.5		ug/L		111	65 ₋ 130	7	25
Methyl-t-Butyl Ether (MTBE)	53		25.0	79.7		ug/L		108	55 - 145	0	25
o-Xylene	ND		25.0	27.1		ug/L		108	65 - 125	1	20
Toluene	ND		25.0	27.2		ug/L		109	70 - 125	0	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		80 - 120								
Dibromofluoromethane (Surr)	93		80 - 120								
Toluene-d8 (Surr)	109		80 - 120								

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

Lab Sample ID: MB 440-76936/5 Matrix: Water Analysis Batch: 76936							Client Sa	ample ID: Metho Prep Type: T	
•	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	Ð	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L		., .	01/03/13 20:54	1
	MB	MB							
								A	Dil Fac
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
Surrogate Dibromofluoromethane (Surr)	%Recovery 95	Qualifier	80 - 120			-	Prepared	01/03/13 20:54	Dii Fac
		Qualifier				-	Prepared		1 1

Matrix: Water Analysis Batch: 76936							Prep 1	ype: To	tal/NA
	Spike	LCS	LCS				%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
	F00	404			_		FF 400		

Analyte			Added	Result	Quanner	Ollic	_	/01 C C	Liiiita	
Volatile Fuel Hydrocarbons			500	491		ug/L		98	55 _ 130	
(C4-C12)										
,	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							

Matrix: Water	I IVIS		Chefit Sample ID: Matrix Spike
Lab Sample ID: 440-33436-A-	1 MC		Client Sample ID: Matrix Spike
Toluene-d8 (Surr)	112 ·	80 - 120	
4-Bromofluorobenzene (Surr)	102	80 - 120	
Dibromofluoromethane (Surr)	95	80 - 120	

									ор .	, po o.a.,	
Analysis Batch: 76936											
	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Volatile Fuel Hydrocarbons	ND		1730	1400		ug/L		78	50 - 145		
(C4-C12)											

TestAmerica Irvine

QC Sample Results

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

TestAmerica Job ID: 440-33457-1

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

Lab Sample ID: 440-33436-A-1 MS

Client Sample ID: Matrix Spike

Matrix: Water

Analysis Batch: 76936

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120
Toluene-d8 (Surr)	110		80 - 120

Lab Sample ID: 440-33436-A-1 MSD

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 76936

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Volatile Fuel Hydrocarbons	ND		1730	1430		ug/L		80	50 - 145	2	20	
(C4-C12)												

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	93		80 - 120
4-Bromofluorobenzene (Surr)	100		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: 440-33457-1

GC/MS VOA

Analysis Batch: 76938	Ana	lysis	Batch:	76935
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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-33436-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-33436-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-33457-1	S-1	Total/NA	Ground Water	8260B	
LCS 440-76935/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-76935/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 76936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-33436-A-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-33436-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-33457-1	S-1	Total/NA	Ground Water	8260B/CA_LUFT	
				MS	
LCS 440-76936/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 440-76936/5	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: 440-33457-1

Glossary

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
Percent Recovery
Contains no Free Liquid
Duplicate error ratio (normalized absolute difference)
Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
Decision level concentration
Estimated Detection Limit
United States Environmental Protection Agency
Minimum detectable activity
Minimum detectable concentration
Method Detection Limit
Minimum Level (Dioxin)
Not detected at the reporting limit (or MDL or EDL if shown)
Practical Quantitation Limit
Quality Control
Relative error ratio
Reporting Limit or Requested Limit (Radiochemistry)
Relative Percent Difference, a measure of the relative difference between two points
Toxicity Equivalent Factor (Dioxin)
Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Conestoga-Rovers & Associates, Inc. Project/Site: 999 San Pablo Ave., Albany, CA TestAmerica Job ID: 440-33457-1

Laboratory: TestAmerica Irvine
All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

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

WW - 33457

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Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-33457-1

Login Number: 33457

List Source: TestAmerica Irvine

List Number: 1

Creator: Robb, Kathleen

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.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Ken Sim
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

		TOC	Depth to	LNAPL	Water Level			Concentr	ations in μ	g/L				
Well ID and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		DO		
Date Monitored	P/NP	(feet)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН	Footnote
MW-1														
4/11/2002	P	41.41	10.73	0.00	30.68	800	360	<5.0	<5.0	<5.0	<50			
11/27/2002	Р		10.22	0.00	31.19	<50	<0.50	<0.50	<0.50	<0.50	1.7	1.1	-	
6/3/2003	mengala depla 	- Path The William Holyandi	9.14	0.00	32.27	1,700	430	<5.0	24	11	8.6	1.7		Additionar besteht i lienstatisteramasse misses (1997) eth ar element
11/13/2003	P	43.55	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	P	Factors, the states	9.28	0.00	34.27	120	7.2	< 0.50	<0.50	< 0.50	3.0	1.6	6.0	The Control of Control
12/01/2004	P	la de está de	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		8.58	0.00	34.97	1,300	390	<5.0	12	6.4	8.8	2.8	6.5	The state of the s
11/16/2005	P		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	46	7.36	0.00	36.19	850	200	<2.5	5.4	<2.5	4.0	2.4	6.5	Telephone Philip (1984) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997)
12/6/2006	P		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		9.65	0.00	33.90	67	6.6	<0.50	<0.50	<0.50	1.8	2.43	6.96	efe efektivistikenin vales om stalekteriselektriska (v. 1800.). Et vis och traditioner (v.
11/29/2007	P	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	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	The state of the s	8.25	0.00	35.30	890	140	0.53	5.4	5.8	<0.50	1.89	6.61	
11/24/2008	P		10.55	0.00	33.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.83	6.67	
4/9/2009			9.02	0.00	34.53									d
11/24/2009	0,		9.24	0.00	34.31				<u> </u>			,		
5/26/2010	i dinaka asa •••		8.47	0.00	35.08									
11/30/2010			8.62	0.00	34.93				<u> </u>		(pa (0))			
2/16/2011	P		8.64	0.00	34.91									r Million from the section assets of the end of the trade of the control of the c
5/11/2011			8.24	0.00	35.31				N				-	
11/28/2011			9.48	0.00	34.07									The state of the s
6/5/2012	\\ -		8.62	0.00	34.93	<u></u>	1-0-1		1 - T	13400	100 4 000		7-3	
12/6/2012		No. 1 No. 1 Terror St. 1 Te	7.71	0.00	35.84									grafi (See garaan Korollik an anada ta an an ee kee ka da kee ka da kee
MW-2														
4/11/2002	P	40.38	11.05	0.00	29.33	<50	<0.50	<0.50	<0.50	<0.50	24			
11/27/2002	P		10.51	0.00	29.87	<50	<0.50	<0.50	<0.50	<0.50	5.4	2.6		
6/3/2003			9.78	0.00	30.60	<50	<0.50	<0.50	<0.50	<0.50	23	1.7		en dinamenta di beet nerre amanifesta del sue sección in no
11/13/2003	P	42.52	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		10.34	0.00	32,18	<250	<2.5	<2.5	<2.5	<2.5	27	2.2	6.6	rangus () 1971, Market Standard Consulting (1974) and Wilesald an
12/01/2004	. P	Seg 1 and a second	10.28	0.00	32.24	<50	<0.50	<0.50	<0.50	0.70	17	3.9	6.6	

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

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

		TOC	Depth to	LNAPL	Water Level			Concentr	ations in µ	g/L				
Well ID and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		DO		
Date Monitored	P/NP	(feet)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	МТВЕ	(mg/L)	pН	Footnote
MW-2 Cont.														
05/02/2005	P	42.52	9.50	0.00	33.02	<50	<0.50	< 0.50	<0.50	<0.50	25	3.1	6.6	
11/16/2005	P		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		10.03	0.00	32.49	<50	< 0.50	<0.50	<0.50	<0.50	24	2.0	6.6	
12/6/2006	P	444, JAN 1970	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	0.49/0.000.0000.94	10.00	0.00	32.52	<50	< 0.50	<0.50	<0.50	<0.50	44	2.90	6.69	ferrar an europe au santanten erakular europeania alle erak
11/29/2007	P		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	General And Mark Miller of	9.55	0.00	32.97	<50	<0.50	<0.50	<0.50	<0.50	35	1.88	6.62	ar Sand Ar Share (1997). The Decouple Landau Charles (1997) and a second of the second
11/24/2008	P		10.70	0.00	31.82	<50	<0.50	<0.50	<0.50	<0.50	4.3	1.83	6.74	
4/9/2009	ata Wasa At V	42.57	9.68	0.00	32.89									d
11/24/2009			10.48	0.00	32.09	1211V 55			acid i.					
5/26/2010		Makaba N. 19	9.65	0.00	32.92	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			- 140 150 malastr	fredskam sake 				Massiellis massimatuskas Piedel (1901) – i a teltias illias tri aud
11/30/2010		ker jiji Ani	9.84	0.00	32.73								 13 gi 1 (13)	
2/16/2011	P		9.39	0.00	33.18	landi, in						1.09 80-84		or termeral for a comment of the second contract of the second contr
5/11/2011			9.68	0.00	32.89			<u>.</u>		54 4				
11/28/2011	2 2 20 		10.12	0.00	32.45									FESSELLA SASSAS BANGSANISMA AND AND MESSELA AND AND AND AND AND AND AND AND AND AN
6/5/2012	<u> </u>		10.20	0.00	32.37	 44.		39 <u>.</u> .		131 - 1 86	<u>.</u>			
12/6/2012	-		8.19	0.00	34.38					Marija a dazer				pel sällä (jää – liilla sakenta säil veit vii vii era vaitta tää –
MW-3														
4/11/2002	P	41.44	11.05	0.00	30.39	250	9.4	< 0.50	<0.50	< 0.50	120			
11/27/2002	P		10.49	0.00	30.95	<100	<1.0	<1.0	<1.0	2.5	56	2.2		
6/3/2003		SERVE TWO THE SERVE	9.44	0.00	32.00	130	< 0.50	<0.50	<0.50	<0.50	47	4.1		The first of the second of the
11/13/2003	P	43.62	10.68	0.00	32.94	53	< 0.50	<0.50	< 0.50	<0.50	36	3.8	6.8	a
05/12/2004	P	masser (s) care	9.95	0.00	33.67	65	< 0.50	<0.50	< 0.50	<0.50	39	4.2	6.9	and a first the ordered distribution of the second of the
12/01/2004	P		10.32	0.00	33.30	140	< 0.50	<0.50	<0.50	<0.50	37	4.3	6.9	
05/02/2005	P	prikulitin vi un u delila	9.12	0.00	34.50	140	<0.50	<0.50	<0.50	<0.50	23	3.1	6.7	 Living Section (1) with the residence of Manufacture and Artifacture (1) (1) (1)
11/16/2005	P		10.58	0.00	33.04	<50	<0.50	<0.50	<0.50	<0.50	32	4.1	6.5	
5/31/2006	P	eranich in der entite	9.41	0.00	34.21	<50	<0.50	<0.50	<0.50	<0.50	20	4.3	6.8	Association will be accounted to the second of the second
12/6/2006	P		10.25	0.00	33.37	<50	<0.50	<0.50	<0.50	<0.50	20	2.71	7.00	
5/15/2007	P	Light Marketine	9.70	0.00	33.92	<50	<0.50	<0.50	<0.50	<0.50	40	5.89	7.07	at Autitimatical Section from the control of the co
11/29/2007	P		10.08	0.00	33.54	90	<0.50	<0.50	<0.50	<0.50	35	4.74	6.61	

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

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

		тос	Depth to	LNAPL	Water Level			Concentr	ations in µ	g/L				
Well ID and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		DO		
Date Monitored	P/NP	(feet)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН	Footnote
MW-3 Cont.														
5/6/2008	P	43.62	10.02	0.00	33.60	<50	<0.50	<0.50	< 0.50	< 0.50	14	2.05	6.61	
11/24/2008	P		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	9.55	0.00	34.08									d
11/24/2009	- <u>-</u>		10.29	0.00	33.34	-245	,			2 (1) (1) (1) (1) (1) (1) (1) (1				
5/26/2010			9.76	0.00	33.87									Statistical Library Committee the sessession of the session of the
11/30/2010	: <u>-</u> -: ,		10.15	0.00	33.48	/ 2				-				
2/16/2011	P	e devias divinal	9.22	0.00	34.41									The strategies and the constitution of LLD and Strategies (1997) and the strategies of the strategies
5/11/2011	- <u>- </u>		9.55	0.00	34.08			T		-				
11/28/2011		and Market and a control	10.06	0.00	33.57									
6/5/2012	19 	laterings in the	9.92	0.00	33.71		l							
12/6/2012			8.10	0.00	35.53						Starresonutal or 1 te in 1 s			tin in a simplementa muse provincia di superiori di sulla
MW-4														:
4/11/2002	NP	40.33	10.81	0.00	29.52	<50	<0.50	<0.50	< 0.50	<0.50	11			
11/27/2002	NP	52,433,67%	10.09	0.00	30.24	<50	<0.50	<0.50	<0.50	<0.50	6.5	1.8		
6/3/2003	,,	ATTALE OF THE SAME	8.62	0.00	31.71	<250	<2.5	<2.5	<2.5	<2.5	120	1.1		a fascita audici (current) ar ete Premellian (en en 1900), un audem (en 1900), un current
11/13/2003	NP	42.48	9.98	0.00	32.50	<50	<0.50	<0.50	<0.50	<0.50	20	1.3	6.2	$oldsymbol{a}_{a_{i}}$
05/12/2004	P	Terresidente.	9,48	0.00	33.00	<250	<2.5	<2.5	<2.5	<2.5	79	2.9	6.6	The Condition of the Co
12/01/2004	NP	**************************************	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		8.67	0.00	33.81	<50	<0.50	<0.50	<0.50	< 0.50	11	2.8	6.6	
11/16/2005	NP		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		8.52	0.00	33.96	<50	< 0.50	< 0.50	<0.50	< 0.50	2.4	1.0	7.0	
12/6/2006	NP	13.1 1 2.1 2.4 2.4 2.1 3.1	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	Programme and the second	9.18	0.00	33.30	<50	<0.50	<0.50	<0.50	<0.50	2.2	1.37	6.85	Tournels (1980) (Control of the Control of C
11/29/2007	NP		9.10	0.00	33.38	<50	<0.50	<0.50	<0.50	<0.50	9.1	1.81	7.14	
5/6/2008	P	(\$41,65×3k), + 1	9.40	0.00	33.08	<50	<0.50	<0.50	<0.50	<0.50	10	2.61	6.91	James Arte Artestone with a residence of the San Wanging
11/24/2008	NP		10.20	0.00	32.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.67	6.88	
4/9/2009	P	42.51	9.00	0.00	33.51	<50	<0.50	<0.50	<0.50	<0.50	12	2.51	7.11	d
11/24/2009	P		9.89	0.00	32.62	<50	<0.50	<0.50	<0.50	<0.50	1.7	0.80	6.58	
5/26/2010	P	r s Become control of Mari	8.79	0.00	33.72	<50	<0.50	<0.50	<0.50	<0.50	1.4	0.98	6.0	The etter of the selection of the end of the selection of
11/30/2010	P	Harry Carl	9.31	0.00	33.20		<u>-</u>		. · · <u>. ·</u> · · · · · · · · · · · · · · · · · ·			1.40	6.4	${f f}$

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses
ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

		тос	Depth to	LNAPL	Water Level			Concentr	ations in µ	g/L				
Well ID and Date Monitored	P/NP	Elevation (feet)	Water (feet)	Thickness (feet)	Elevation (feet)	GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	МТВЕ	DO (mg/L)	pН	Footnote
MW-4 Cont.														
2/16/2011	P	42.51	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		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		9.53	0.00	32.98	< 50	< 0.50	0.61	< 0.50	0.69	0.67	0.75	6.8	The second section of the second seco
6/5/2012	Р	i de la compania del compania del compania de la compania del compania del compania de la compania de la compania de la compania de la compania de la compania del compania	9.40	0.00	33.11	< 50	<0.50	<0.50	<0.50	<0.50	1.2	1.66	6.67	
12/6/2012	P		7.58	0.00	34.93	<50	<0.50	<0.50	<0.50	<1.0	2.5	4.27	7.50	Betterfore, et al. and the same
MW-5														
4/11/2002	NP	41.84	10.63	0.00	31.21	< 50	< 0.50	<0.50	< 0.50	<0.50	<5.0			
11/27/2002	NP		10.65	0.00	31.19				g#####					
6/3/2003			8.92	0.00	32.92	<50	< 0.50	< 0.50	< 0.50	< 0.50	<0.50	1.8		perett errer et und der tradeet trade (Elisa et l'autorité à un et l'autorité à une
11/13/2003	NP	44.03	10.58	0.00	33.45	< 50	< 0.50	<0.50	< 0.50	<0.50	0.79	1.4	5.7	a
05/12/2004			9.95	0.00	34.08						**			And the State Common Security of the Common S
12/01/2004	NP		10.05	0.00	33.98	<50	< 0.50	<0.50	<0.50	<0.50	0.55	1.8	6.3	
05/02/2005			8.75	0.00	35.28									
11/16/2005	NP		10.37	0.00	33.66	< 50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	6.2	
5/31/2006			9.07	0.00	34.96							-		
12/6/2006	NP		10.25	0.00	33.78	<50	<0.50	< 0.50	<0.50	<0.50	0.99	1.24	6.88	
5/15/2007			9.51	0.00	34.52		-		-	-		-		
11/29/2007	NP		9.95	0.00	34.08	<50	< 0.50	< 0.50	<0.50	<0.50	<0.50	1.93	6.98	
5/6/2008			9.67	0.00	34.36									
11/24/2008	NP		10.62	0.00	33.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.43	6.52	
4/9/2009		2337774	12.00	0.00	32.03			-						d
11/24/2009	P		10.34	0.00	33.69	<50	<0.50	1.4	<0.50	<0.50	0.89	0.94	6.1	
5/26/2010			9.21	0.00	34.82									
11/30/2010	P P	E Profile F Profiles	9.85	0.00	34.18								6.17	\mathbf{f}
2/16/2011	P		9.01	0.00	35.02	<50	<0.50	<0.50	< 0.50	< 0.50	<0.50	1.23	6.9	
5/11/2011			9.44	0.00	34.59									
11/28/2011	P		10.06	0.00	33.97	<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.10	6.5	
6/5/2012	<u> </u>		9.88	0.00	34.15									
12/6/2012	P		7.91	0.00	36.12	< 50	<0.50	<0.50	<0.50	<1.0	<0.50	4.44	7.26	

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

		тос	Depth to	LNAPL	Water Level			Concentr	ations in µ	g/L				
Well ID and Date Monitored	P/NP	Elevation (feet)	Water (feet)	Thickness (feet)	Elevation (feet)	GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	МТВЕ	DO (mg/L)	pН	Footnote
MW-6														
4/11/2002	NP	40.13	11.42	0.00	28.71	<50	< 0.50	<0.50	<0.50	<0.50	<5.0			
11/27/2002	NP		13.11	0.00	27.02	<50	<0.50	<0.50	<0.50	< 0.50	<0.50	1.3		
6/3/2003			12.48	0.00	27.65	<50	< 0.50	<0.50	<0.50	<0.50	<0.50	1.1		processing the control of the second of the
11/13/2003	NP	42.26	13.11	0.00	29.15	<50	< 0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.8	a
05/12/2004		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	12.68	0.00	29.58									The Country of the Co
12/01/2004	NP	Charles at the k	12.68	0.00	29.58	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	7.3	
05/02/2005			12.25	0.00	30.01			-		News and services				The state of the s
11/16/2005	NP		12.98	0.00	29.28	<50	< 0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.7	
5/31/2006		3. (1) 유명 교육 교육 교육 (1) 1 (1) (1) (1) (1)	12.35	0.00	29.91	le sin melsus dene —								A November (1996) A November (1997)
12/6/2006	NP		12.98	0.00	29.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1,24	6.86	
5/15/2007	12 July 20 25 11 1 2 4 5	-0.5 <u>Eury 2</u> no 2 o 11	12.55	0.00	29.71						La Greek Common of the restrict			STORAGE Lock word of the state of section of the section of the section of the sections
11/29/2007	NP	lab sh	12.75	0.00	29.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	ļ. <u>-</u> .	6.93	
5/6/2008		Million and Mark	12.91	0.00	29.35									Approximation with a Mark (Autorophysia) of the Carlot Carlot Application of the Carlot Carlo
11/24/2008	NP	in the title is	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	12.52	0.00	29.79									d
11/24/2009	P		12.90	0.00	29.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.83	6.59	
5/26/2010		unu ud Turi ili ili kada.	12.17	0.00	30.14									Definite Library (1998) Assessment of the control o
11/30/2010	P		12.45	0.00	29.86		-	70 <u>4</u>				1.20	7.2	
2/16/2011	P	gett der flere er en stere	11.95	0.00	30.36	<50	< 0.50	<0.50	<0.50	<0.50	<0.50	1.02	6.9	Limitallia, Latin to community in its content of the content of th
5/11/2011			12.35	0.00	29.96	<u> </u>		.		ligg xi		. -		
11/28/2011	P	Intervious States	12.62	0.00	29.69	<50	<0.50	0.74	<0.50	0.64	< 0.50	0.91	7.2	STANDARD CONTROL CONTR
6/5/2012		P. D. Pastyr	12.60	0.00	29.71	, a ' ' ''		<u></u>	lak u on				Po	
12/6/2012	P		10.66	0.00	31.65	<50	<0.50	<0.50	<0.50	<1.0	<0.50	3.33	7.85	Magnetic State Confidential Control of the Confidence of C
4/9/2009	P	43.18	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		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	P		6.62	0.00	36.56	1,800	1.2	0.53	2.2	0.84	<0.50	0.71	6.6	payon, carrie tallatillilli. Lavoretti väitti ja 11. tuuri – 12. tuuri
11/30/2010	P		6.84	0.00	36.34		<u></u>	1. 19-2.				0.79	6.7	\mathbf{f}^{*}
2/16/2011	P	Light Control Address	5.44	0.00	37.74	2,000	1.4	0.84	8.0	1.4	<0.50	0.56	7.0	im - kalendar Marillo kalendari da orazilat dareka i
5/11/2011	P		6.98	0.00	36.20	84	<0.50	<0.50	<0.50	<0.50	<0.50	1.76	7.1	1w

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

		TOC	Depth to	LNAPL	Water Level			Concentr	ations in µ	g/L				
Well ID and Date Monitored	P/NP	Elevation (feet)	Water (feet)	Thickness (feet)	Elevation (feet)	GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	МТВЕ	DO (mg/L)	pН	Footnote
MW-7 Cont.														
11/28/2011	P	43.18	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	Р		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	An minimuma in escil	3.30	0.00	39.88	880	1.4	0.57	1.4	<1.0	<0.50	4.90	7.78	in an inche Albert Amilli fili pres ancel al l'Université de la colo.
MW-8														
4/9/2009	P	42.36	9.50	0.00	32.86	4,300	940	260	150	590	110	2.09	7.62	d
11/24/2009	P		10.25	0.00	32.11	28,000	9,900	670	1,300	2,200	<100	0.64	6.48	c c
5/26/2010	P		9.25	0.00	33.11	1,400	420	<10	21	<10	<10	0.78	6.6	The Control of the Co
11/30/2010	P	lean leas	9.68	0.00	32.68				l -			2.26	6.6	${f f}$
2/16/2011	P	Park of the Control of Silver	8.95	0.00	33.41	960	270	<5.0	50	<5.0	<5.0	3.35	6.9	g
5/11/2011	P		9.43	0.00	32.93	1,200	290	<4.0	57	4.5	<4.0	0,94	7.2	lw
11/28/2011	P	1 4 - 12 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	9.85	0.00	32.51	<50	< 0.50	0.59	<0.50	0.53	<0.50	3.64	7.2	The second section of the second section of the second section
6/5/2012	P		9.72	0.00	32.64	890	170	1.9	92	16	2.1	1.31	6.99	
12/6/2012	P	Jack Martin Control of the	7.19	0.00	35.17	80	18	<0.50	6.8	1.2	<0.50	6.59	8.01	
MW-9														
4/9/2009	P	43.77	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	P		10.11	0.00	33.66	<50	<0.50	<0.50	<0.50	<0.50	3.8		6.3	
5/26/2010	P		8.88	0.00	34.89	<50	<0.50	<0.50	<0.50	<0.50	1.9	0.66	5.7	
11/30/2010	P		9.56	0.00	34.21	-			<u>-</u>	-		0.64	6.3	${f f}$
2/16/2011	P		8.65	0.00	35.12	<50	< 0.50	< 0.50	< 0.50	< 0.50	3.8	0.55	6.6	
5/11/2011	P		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		9.75	0.00	34.02	<50	<0.50	0.70	<0.50	0.72	9.1	0.50	6.8	
6/5/2012	P		9.57	0.00	34.20	<50	<0.50	<0.50	<0.50	<0.50	4.8	1.45	6.32	
12/6/2012	P		6.95	0.00	36.82	<50	<0.50	<0.50	<0.50	<1.0	6.4		7.23	
RW-1														
4/11/2002	P	40.33	9.20	0.00	31.13	15,000	750	2,000	380	2,000	1,500			
11/27/2002	P		10.31	0.00	30.02	<2,500	720	<25	<25	<25	<25	1.8	-	
6/3/2003		i turk	9.54	0.00	30.79	470	78	0.97	4.3	9	48	1.4	-	process of the country of the countr
11/13/2003	P	42.35	10.35	0.00	32.00	130	29	<0.50	<0.50	<0.50	44	1.3	6.6	a
05/12/2004	P	1. A criss Mili	9.80	0.00	32.55	<250	66	<2.5	<2.5	<2.5	<2.5	1.9	6.9	The advantage of the control of the

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses
ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

		тос	Depth to	LNAPL	Water Level			Concentr	ations in µ	g/L				
Well ID and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		DO		
Date Monitored	P/NP	(feet)	(feet)	(feet)	(feet)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН	Footnote
RW-1 Cont.														
09/02/2004	4	42.35	10.42	0.00	31.93		1:	army L ating					/	
10/07/2004		GRANDS IN COLUMN	10.36	0.00	31.99									
11/04/2004			9.93	0.00	32.42		1 2 4 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7							
12/01/2004	P	1 Aug	10.02	0.00	32.33	<250	96	<2.5	<2.5	<2.5	16	1.8	6.7	A CONTROL OF THE CONT
05/02/2005	P		9.20	0.00	33.15	230	100	<1.0	<1.0	<1.0	50	2.5	6.6	
11/16/2005	P	age I have	10.96	0.00	31.39	<100	28	<1.0	<1.0	<1.0	32	1.0	6.5	SECTION OF THE CONTRACTOR OF T
5/31/2006	P		9.34	0.00	33.01	320	32	<0.50	<0.50	< 0.50	28	1.3	6.8	
12/6/2006	P	. **. 2.1	10.10	0.00	32.25	50	27	<0.50	<0.50	< 0.50	19	1.49	7.54	REMEDIA - Carlot of Comment of the Carlot of C
5/15/2007	P		9.42	0.00	32.93	280	32	<0.50	<0.50	< 0.50	18	2.61	7.10	
11/29/2007	P		9.75	0.00	32.60	<50	14	<0.50	<0.50	< 0.50	18	4.86	8.14	LAMAS ALMATER Of Light is AND Could be a large consistent of the first of the con-
5/6/2008	P		9.71	0.00	32.64	610	110	<2.5	<2.5	<2.5	2.6	2.48	6.95	
11/24/2008	P	marehole de la	10.48	0.00	31.87	73	31	<0.50	<0.50	<0.50	11	2.53	6.88	POSE BY A SECOND EXCESSES AND EXECUTE AS A SECOND STATE OF THE SECOND SE
4/9/2009	P	42.23	9.46	0.00	32.77	720	36	<0.50	1.0	1.2	4.0	2.58	7.73	d
11/24/2009	P	Aren Till are	10.15	0.00	32.08	<50	2.0	<0.50	<0.50	<0.50	6.5	0.85	6.6	Billione (n. 1146). (1
5/26/2010	P	landa - Ja	9.12	0.00	33.11	90	11	<0.50	<0.50	<0.50	0.94	1.46	6.4	
11/30/2010	P		9.38	0.00	32.85		**************************************	1 1 AV 3				2.10	7.2	f
2/16/2011	P	Sees.	9.15	0.00	33.08	1,600	370	2.9	2.6	2.9	1.3	0.76	7.0	
5/11/2011	P	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9.56	0.00	32.67	1,600	79	<2.0	<2.0	2.0	<2.0	0.91	7.4	lii () perkandalai tu selebebbikan bilat kelebile. Iw
11/28/2011	P	Surban Jula	9.69	0.00	32.54	<50	<0.50	0.54	<0.50	<0.50	<0.50	3.05	7.3	
6/5/2012	P		9.63	0.00	32.60	1,000	49	1.3	<0.50	0.86	<0.50	1.43	6.75	
12/6/2012	P		7.66	0.00	34.57	380	200	1.5	<1.0	<2.0	<1.0	1.52	7.34	
S-5	2 2 2	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		The state of the s							1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
4/11/2002	P	40.33	10.17	0.00	30.16	30,000	390	1,400	410	7,400	<500			
	P	40.33	9.77	0.00	30.56	55,000	1,300	450	1,400	13,000	<50	4.3		
11/27/2002		India a in to	945 C. C. C. C. C. C. C. C. C. C. C. C. C.	0.00	31.30	44,000	680	260	1,100	9,900	<25	1.9	015.11	
6/3/2003			9.03	and the second						9,900	<25	1.9		 영화: - 1 1개발: 조리 1 전 [] : - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
6/3/2003			9.12	0.00	31.21	44,000	680	260	1,100	9,900	<25	1.9		
6/3/2003	 	Maritanin ninya si	9.03	0.00	31.30	 Ag 24 Au			11	1 m 1 m 1 m 2	Extremely 100 State		ng ni samir	
6/3/2003	-		9.12	0.00	31.21			100		5.000	<25	1.4		
11/13/2003	P	41.83	9.12	0.00	32.71	31,000	520	120	690	5,900	<50	1.4	6.5	a. The magaziness of these section for the con-
05/12/2004	P		9.95	0.00	31.88	28,000	760	79	910	5,000	<50	1.9	6.6	[12] [14] [14] [14] [14] [15] [16] [16] [16] [16] [16] [16] [16] [16

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses
ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

		тос	Depth to	LNAPL	Water Level			Concentr	ations in μ	g/L				
Well ID and Date Monitored	P/NP	Elevation (feet)	Water (feet)	Thickness (feet)	Elevation (feet)	GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	МТВЕ	DO (mg/L)	pН	Footnote
S-5 Cont.									:					
12/01/2004	P	41.83	9.61	0.00	32.22	26,000	1,500	64	1,400	4,000	<25		6.5	ь
05/02/2005	P		8.80	0.00	33.03	13,000	700	18	260	1,300	<5.0	1.8	6.4	
11/16/2005	P		9.80	0.00	32.03	15,000	1,400	25	570	850	<5.0	1.1	6.3	
5/31/2006	P		8.89	0.00	32.94	9,800	170	<5.0	490	390	<5.0	1.4	6.6	
12/6/2006	P		9.65	0.00	32.18	16,000	1,100	<25	1,700	970	<25	1.23	6.95	
5/15/2007	P		8.89	0.00	32.94	10,000	140	<5.0	340	310	<5.0	3.63	7.10	
11/29/2007	P		9.48	0.00	32.35	13,000	770	8.6	500	360	<2.5	5.42	7.28	c (Benzene)
5/6/2008	P	ka artijo	9.30	0.00	32.53	7,400	320	2.8	580	130	<0.50	3.37	6.88	
11/24/2008	P		10.00	0.00	31.83	7,700	400	<10	390	14	<10	3.22	6.43	
4/9/2009	P		8.90	0.00	32.93	7,700	230	<10	370	35	<10	3.14	7.77	
11/24/2009														. е
5/26/2010				-		})	-	-	-					
11/30/2010	P		8.92	0.00	32.91							0.62	6.6	f
2/16/2011	P	111 644	8.57	0.00	33.26	2,700	26	<0.50	11	3.2	<0.50	1.34	7.5	
5/11/2011	P	Production of As	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	., <u>-</u>		7,3 - 1,3							1 1	J			
6/5/2012	P	Harada Alamana	9.00	0.00	32.83	1,700	29	0.99	2.1	0.60	<0.50	1.44	6.68	Anna an Lauren (Leitzeleit der Leitzeleit in 1815 er 18 aug 18 de 18 aug 18 aug 18 aug 18 aug 18 aug 18 aug 18
12/6/2012	P		6.89	0.00	34.94	1,700	24	1.7	3.3	2.0	<0.50	2.95	7.51	

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

 $\mu g/L = Micrograms per liter$

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

Well ID and				Concentrat	ions in μg/L				
Date Monitored	Ethanol	ТВА	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Footnote
MW-1									
4/11/2002			<50						
11/27/2002			1.7			- A - 1 (A)	- jir		
6/3/2003	<1000	<200	8.6	<5.0	<5.0	<5.0	<5.0	<5.0	That is a treatistic function in the treat transport of the treatistic for the transport of the treatistic function of the treati
11/13/2003	<100	<20	0.95	<0.50	<0.50	<0.50			
05/12/2004	<100	<20	3.0	<0.50	<0.50	<0.50	<0.50	<0.50	
12/01/2004	<100	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
05/02/2005	<1,000	220	8.8	<5.0	<5.0	<5.0	<5.0	<5.0	The Government of the second of the Government o
11/16/2005	<100	<20	0.92	<0.50	<0.50	<0.50	<0.50	<0.50	
5/31/2006	<1,500	<100	4.0	<2.5	<2.5	<2.5	<2.5	<2.5	a
12/6/2006	<300	<20	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	
5/15/2007	<300	<20	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	The state of the Control of the Cont
11/29/2007	<300	<20	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	STOCKER (1997) TO THE PROPERTY OF THE STOCKER
11/24/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-2									
4/11/2002			24						
11/27/2002	-	Politica de la composição de la composição de la composição de la composição de la composição de la composição	5.4		ji Ass a g alja		10.5		[일본소급 중기대로 관측했다고 중계대 대로 하기 때문문
6/3/2003	<100	<20	23	<0.50	<0.50	<0.50	0.94	<0.50	a promised must be used to the committee of Marketine Section (1) and the desired for the committee of the section (1) and the committee of th
11/13/2003	<100	<20	9.5	<0.50	<0.50	<0.50			
05/12/2004	<500	<100	27	<2.5	<2.5	<2.5	<2.5	<2.5	us formations statument. Per utberserebberg eine hand database utbeziehen filt ab erfreutberg utbeziehen datab
12/01/2004	<100	<20	17	<0.50	<0.50	<0.50	0.74	<0.50	
05/02/2005	<100	75	25	<0.50	<0.50	<0.50	<0.50	<0.50	
11/16/2005	<100	<20	7.6	<0.50	<0.50	<0.50	0.79	<0.50	a a de la companya d
5/31/2006	<300	<20	24	<0.50	<0.50	<0.50	0.66	<0.50	a a contrata de la contrata del la contrata del la contrata del la contrata de la contrata de la contrata del la contrata de la contrata del la contrata del la contrata del la contrata del la contrata del la contrata del la contrata del la contrata del la contr
12/6/2006	<300	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
5/15/2007	<300	<20	44	<0.50	<0.50	<0.50	1.2	<0.50	and the programment of the second second the second
11/29/2007	<300	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<300	<10	35	<0.50	<0.50	<0.50	0.93	<0.50	agents on the public of the enterprise of the second process of the enterprise of th
11/24/2008	<300	<10	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	
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		1 - <u>-</u> - 1 - 1	56	<u> </u>			-	-	
6/3/2003	<100	<20	47	<0.50	<0.50	<0.50	<0.50	<0.50	See Anna Maria Carlo Company (1997) and including an array of the consequence of the cons
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	a protession of the second of the second with the second of the West and the second of the second of the second
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	Service Control (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (19
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	a in a restriction of representation of the section of the research of the research of the research of the section of the sect
12/6/2006	<300	<20	20	<0.50	<0.50	<0.50	<0.50	<0.50	
5/15/2007	<300	<20	40	<0.50	<0.50	<0.50	<0.50	<0.50	Charles the control of the control o
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	The second secon
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	la j e šv			i Gystad ia		
6/3/2003	<500	<100	120	<2.5	<2.5	<2.5	<2.5	<2.5	George Jan Wistory Secretaria Allumasan dalah disertifika selekti. disertifika Sebah dalah S
11/13/2003	<100	<20	20	<0.50	<0.50	<0.50	1		
05/12/2004	<500	<100	79	<2.5	<2.5	<2.5	<2.5	<2.5	Little College Service College (1997) in the control of College (1997) in the American Service
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 State of the Committee of the State of t
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 litteration for the life in expension for the fold in expension was well as a life in expension to the little and the contract of the life in the contract of the life in the contract of the life in the contract of the life in the contract of the life in the contract of the life in the contract of the life in the contract of the life in the contract of the life in the contract of the life in the contract of the life in the contract of the life in the contract of the life in the li
12/6/2006	<300	<20	7.8	<0.50	<0.50	<0.50	<0.50	<0.50	
5/15/2007	<300	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	 Listing Advances (Listing Approximation of the Approximatio
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	et eure word in the eliterate and of the Statistic description is severely a serie in delethor about.
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	gradu taga et 1 gra, ille et da della il lamanden i anni illeka albet il late a semblavelid il "la da massa da da I
11/24/2009	<300	<10	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	

Well ID and Date Monitored				Concentrat					
	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	
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	n et i intere efficiente de l'Oli ini Passes (1994) i le Confidenciale i le Calende d'Alli e l'Al-
12/6/2012	<150	<10	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
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			ad 1990), in historia aka jalkka ja 1990 ka Pakalasin Pallak Halim Ataasaka ha Mahaa
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	
12/6/2006	<300	<20	0.99	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	u jejin ten jin 1990 - Ellikais Afrika 1980 (1900) - Galffukka saaka 1980 (1990) - Balla Luffuk, diliku it Tangan tenggan pangangan pangangan pangangan pangangan pangangan pangangan pangangan pangangan pangangan panga
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	BET STEELE OF CREATEVER BESSELS STEEL TO REPRESENT BEFORE AND STEELE AND A STEELE A
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	o principio de los collingos relativadas como principios de la collingua de la collingua de la collingua de la La collingua de la collingua d
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			<0.50	Visite - Comment	58.455			1.01-2.0	
6/3/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	of the subvinit ministra in closing the extra very security of making extension for the control of the con-
11/13/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	t. 3.4-35t.		
12/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	 In solution was state to dente all ref. Will in small Placements with 600 600 800 800 800 and other month less
11/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/6/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a a constant of the property of the constant o
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	mpm (to the author a premilier of the leaven manafflor of Chemica Seates Heff (1977) if the few of the com-
11/24/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	[] 2002년 전 : 1002년 전 : 1002년 12월 12일 (12월 12일)

Well ID and Date Monitored				Concentrat					
	Ethanol	ТВА	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Footnote
MW-6 Cont.									
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-7									
4/9/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	65 36 4 4 1 1 2 2 2 1 1 1 b
5/26/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	 In the steer the content of the conten
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	a kat tasarri afa re verbalahan sasalih 2000-000-000-000-000-000-000-000-000-00
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	upatrumento di utto un curi trondi Ministri di utili e un affectivamento cui cui un un esti Paul Paul de cui I
12/6/2012	<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	b
5/26/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	the stage file is a second contribute that is a second staff of the second seco
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	The state of the second of the state of the state of the state of the state of the state of the state of the second of the state of the
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	
12/6/2012	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
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	 venerations of the foliation matrix than 1000 and after a true fresh for the filling of the fillin
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	e i seeden madelijke stroe ook ook kan in die stad bevoord ook ook ook ook ook ook ook ook ook oo
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	and the second statement of the Personal Second second second second second second second second second second
12/6/2012	<150	<10	6.4	<0.50	<0.50	<0.50	<0.50	<0.50	

Well ID and Date Monitored				Concentrat					
	Ethanol	ТВА	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Footnote
RW-1									
4/11/2002			1,500						
11/27/2002	·		<25	1,44		August (and	·	- ·	
6/3/2003	<100	22	48	<0.50	<0.50	<0.50	<0.50	<0.50	 London F. Meleconomial transfer towards all fall facilities for each way was a first order to account to a contract.
11/13/2003	<100	<20	44	<0.50	<0.50	<0.50	6.55.5		
05/12/2004	<500	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ormics and the control of the contro
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	The control of the co
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	a
12/6/2006	<300	<20	19	<0.50	<0.50	<0.50	<0.50	<0.50	
5/15/2007	<300	<20	18	<0.50	<0.50	<0.50	<0.50	<0.50	Court Colon (ACC) A Colon of Colon (A. Colon of
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	 1.10 cm, in a most state of a distinct to the property of the order of the control
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	THE CONTRACT CONTRACTOR OF THE
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	The state of the s
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	Sterroom (18 million million and 18
12/6/2012	<300	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
S-5									
4/11/2002			<500						
11/27/2002			<50						
6/3/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	programment on measure 80 of fleet into 10 most into 30 most fleets fleets for its and delete utility in coldinations.
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			The second secon
05/12/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	

Well ID and				Concentrati					
Date Monitored	Ethanol	ТВА	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Footnote
S-5 Cont.									
12/01/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
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	
12/6/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	· a
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	The condition and the control of the many of the first of the control of the Cont
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	The state of the s
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	

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