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				TR	ANS	MITTA	L
DATE:	March	25, 2013			REFE	RENCE No.:	
					Proj	ECT NAME:	3790 Hopyard Road, Pleasanton
To:	Jerry W	ickham					
-	Alame	la Coun	ty Enviror	mental H	lealth		
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1		Groun	dwater Mo	onitoring	Report	– First Qua	rter 2013
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COMMEN If you hav (510) 420-3	e any qu	ıestions	regarding	the conte	nts of t	his docume	nt, please call Peter Schaefer at
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and the Value of E		Larry Tu	ırner, CAF	R Enterpri	ses (pro	operty own	er; electronic copy)
Complete	d by:	Peter Sc	haefer			_ Signed:	Jehn Schafe
Filing: C	Correspo	ndence I	ile				



Jerry Wickham Alameda County Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502-6577 Denis L. Brown Shell Oil Products US

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

Re:

Shell-branded Service Station

3790 Hopyard Road Pleasanton, California SAP Code 135784 Incident No. 98995842 ACEH No. RO0000363

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown

Senior Program Manager



GROUNDWATER MONITORING REPORT - FIRST QUARTER 2013

SHELL-BRANDED SERVICE STATION 3790 HOPYARD ROAD PLEASANTON, CALIFORNIA

SAP CODE

135784

INCIDENT NO.

98995842

AGENCY NO.

RO0000363

MARCH 25, 2013 REF. NO. 200497 (5) This report is printed on recycled paper. Prepared by: Conestoga-Rovers & Associates

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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell).

1.1 SITE INFORMATION

Site Address 3790 Hopyard Road, Pleasanton

Site Use Shell-branded Service Station

Shell Project Manager Denis Brown

CRA Project Manager Peter Schaefer

Lead Agency and Contact ACEH, Jerry Wickham

Agency Case No. RO0000363

Shell SAP Code 135784

Shell Incident No. 98995842

Date of most recent agency correspondence was May 9, 2011.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

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

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

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

200497 (5)

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

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction

Generally southeasterly

Hydraulic Gradient

0.03

Depth to Water

11.72 to 45.31 feet below top of well casing

2.3 PROPOSED ACTIVITIES

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

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

Peter Schaefer, CHG, CEG

PETER L SCHAEFER NO. 5612

Aubrey K. Cool, PG

FIGURES

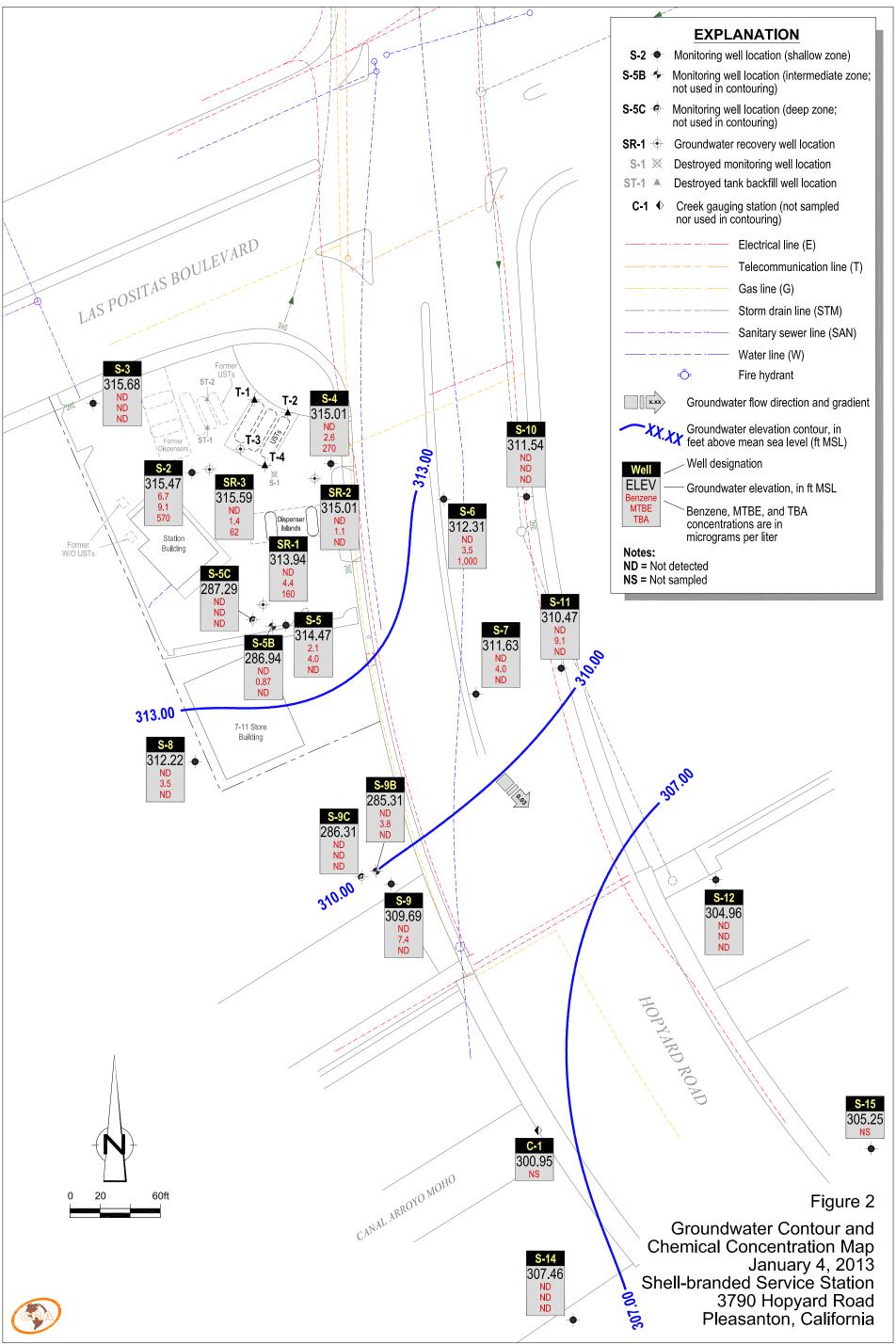
Shell-branded Service Station

3790 Hopyard Road Pleasanton, California



SCALE : 1" = 1/4 MILE

Vicinity Map



TABLE

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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)		Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	11/06/1987	920	230	<5	150	150												· ·		
S-1	02/14/1988	3,500	1,300	<40	500	500														
S-2	11/06/1987	16,000	870	100	2,700	2,700						·								
S-2	02/14/1988	1,800	440	<10	140	140		·						·						
S-2	10/13/1988	550	110	1	45	15			'						<u></u>					·
S-2	01/31/1989	620	170	2	62	14				·										
S-2	03/07/1989	1,900	260	270	130	260														
S-2	06/26/1989	320	88	1	32	10														
S-2	09/08/1989	230	80	1	30	15														
S-2	12/14/1989	160	56	0.5	21	3		·												.
S-2	03/05/1990	710	57	< 0.5	< 0.5	88														
S-2	06/14/1990	110	39	0.5	11	2					· ·					·				
S-2	10/02/1990	290	84	1.7	160	8.1				,										
S-2	12/18/1990	61	18	1.4	2.2	2.4														
S-2	03/20/1991	110	30	2.2	10	7										329.21				
S-2	06/26/1991	50 a	6.3	< 0.5	3.3	1.3				'						329.21				
S-2	09/05/1991	90	12	3.2	2.5	2.3										329.21				
S-2	12/13/1991	< 50	12	< 0.5	< 0.5	< 0.5		,								.329.21	15.85	313.36		
S-2	03/11/1992	<30	< 0.3	< 0.3	< 0.3	< 0.3										329.21	14.94	314.27		
S-2	06/24/1992	< 50	0.9	< 0.5	< 0.5	< 0.5										329.21	15.78	313.43		
S-2	09/17/1992	78	2.6	1.3	1.3	0.9										329.21	15.03	314.18		
S-2	12/11/1992	< 50	0.8	< 0.5	< 0.5	< 0.5										329.21	14.81	314.40		
S-2	02/04/1993	55	1.3	0.7	0.7	< 0.5										329.21		`		
S-2	06/03/1993	<50	0.7	< 0.5	< 0.5	< 0.5										329.21				
S-2	09/15/1993	< 50	< 0.5	< 0.5	< 0.5	< 0.5										329.21	14.63	314.58		
S-2	12/09/1993	< 50	< 0.5	< 0.5	< 0.5	< 0.5										329.21	14.70	314.51		
S-2	06/16/1994	< 50	0.8	< 0.5	0.7	< 0.5										329.21	14.94	314.27		
S-2	09/13/1994	< 50	< 0.5	< 0.5	< 0.5	< 0.5										329.21	15.17	314.04		
S-2	06/21/1995	< 50	< 0.5	< 0.5	< 0.5	< 0.5									~~~	329.21	14.25	314.96		
S-2	06/12/1996	<50	6.1	< 0.5	< 0.5	< 0.5	48									329.21	14.31	314.90		
S-2	06/25/1997	120	25	0.59	2.4	8.7	130									329.21	14.40	314.81		4.4
S-2	06/19/1998	450	96	<2.5	4	19	180				`					329.21	13.72	315.49		2.8
S-2	06/17/1999	312	74.4	2.04	1.02	<1.00	147									329.21	13.97	315.24		3.7
S-2	06/15/2000	1,050	261	< 5.00	7.54	11.4	13,500	9,850 b								329.21	14.25	314.96		3.3

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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	11/29/2000	<250	3. <i>7</i> 5	<2.50	<2.50	<2.50	12,400	10,700 b								329.21	14.82	314.39		2.2
S-2	03/07/2001	<500	14.7	< 5.00	<5.00	< 5.00	8,610					·				329.21	13.70	315.51		2.3
S-2	06/18/2001	<2,000	<20	<20	<20	<20		7,100								329.21	14.56	314.65		
S-2	09/17/2001	<2,000	<10	<10	<10	<10		<i>7,</i> 500	680	<10	<10	<10			< 500	329.21	15.18	314.03		
S-2	12/31/2001	<1,000	<10	<10	<10	<10		3,800								329.21	13.19	316.02		
S-2	03/13/2002	<1,000	65	<10	13	<10		6,500								329.21	15.03	314.18		·
S-2	06/18/2002	520	28	< 5.0	< 5.0	< 5.0		2,800								329.21	15.60	313.61		
S-2	09/27/2002	<1,000	<10	<10	<10	<10		4,200								328.77	14.90	313.87		·
S-2	12/27/2002	<1,000	<10	<10	<10	<10		4,300	5,600	<10	<10	<10	<10	<10		328.77	14.40	314.37		
S-2	03/24/2003	<2,500	28	<25	<25	< 50		1,300					·			328.77	14.86	313.91		
S-2	05/09/2003	<2,500	36	<25	35	< 50		4,000	6,200			·				328.77	13.45	315.32		
S-2	07/08/2003	<2,000	<20	<20	<20	<40		3,200		:						328.77	20.10	308.67		
S-2	10/15/2003	960 d	6.9	<2.5	9.0	<5.0		90	2,400							328.77	16.67	312.10		
S-2	01/06/2004	690	8.3	< 0.50	0.72	2.8		82	860	·						328.77	21.00	307.77		
S-2	04/07/2004	980 d	12	<2.5	<2.5	<5.0		28	2,500							328.77	16.62	312.15		
· S-2	07/27/2004	62	1.5	< 0.50	< 0.50	<1.0		16	550	< 2.0	<2.0	< 2.0			< 50	328.77	16.64	312.13		
S-2	10/29/2004	<250	<2.5	<2.5	<2.5	< 5.0		22	1,800	<10	<10	<10			<250	328.77	16.43	312.34		
S-2	01/06/2005	<250	<2.5	<2.5	<2.5	< 5.0		21	2,700	<10	<10	<10				328.77	16.37	312.40		
S-2	04/14/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50		14	290	< 0.50	< 0.50	< 0.50			< 5.0	328.77	18.54	310.23		
S-2	07/29/2005	1,300 f	< 5.0	< 5.0	< 5.0	<10		19	1,000	<20	<20	<20			< 500	328.77	21.37	307.40		
S-2	10/20/2005	1,300	13	<1.0	9.8	2.6		26	730	<4.0	<4.0	<4.0			<100	328.77	21.88	306.89		
S-2	01/26/2006	3,820	16.3	< 0.500	5.78	< 0.500		25.8	445	< 0.500	< 0.500	< 0.500			<50.0	328.77	21.15	307.62		
S-2	04/24/2006	4,720	68.8	1.44	115	8.31		1,600	1,010	<0.500	< 0.500	< 0.500		-	<50.0	328.77	13.80	314.97		
S-2	07/12/2006	<50.0	14.4	< 0.500	< 0.500	<1.50	<u>.</u>	70.9	1,660	< 0.500	< 0.500	< 0.500			<50.0	328.77	14.19	314.58		
S-2	10/20/2006	108	5.52	< 0.500	0.690	< 0.500		17.9	382	< 0.500	< 0.500	< 0.500			<50.0	328.77	14.13	314.64		
S-2	01/22/2007	<50	0.40 k	< 0.50	< 0.50	<1.0		16	450	<1.0	<1.0	<1.0			<150	328.77	14.05	314.72		
S-2	04/13/2007	52 i	0.53	<1.0	0.22 k	<1.0		14	660	<2.0	<2.0	<2.0			<100	328.77	14.09	314.68		
S-2	07/09/2007	97 i,j	4.6	<1.0	<1.0	<1.0		23 .	1,500	<2.0	<2.0	< 2.0			<100	328.77	13.33	315.44		
S-2	10/22/2007	120 i	0.23 k	<1.0	<1.0	<1.0	·	13	2,400	<2.0	<2.0	<2.0			<100	328.77	14.70	314.07		 '
S-2	01/09/2008	66 i	1.5 k	< 5.0	< 5.0	< 5.0		12	1,500	<10	<10	<10			< 500	328.77	13.65	315.12		
S-2	04/11/2008	450	3.8	< 5.0	<5.0	<5.0		37	4,300	<10	<10	<10			< 500	328.77	14.47	314.30		
S-2	07/29/2008	370	5.3	< 5.0	< 5.0	<5.0		18	2,300	<10	<10	<10	·		< 500	328.77	15.00	313.77	'	
S-2	10/29/2008	100	2.3	<1.0	<1.0	<1.0		11	710	<2.0	<2.0	<2.0			<100	328.77	15.10	313.67		
S-2	01/21/2009	990	37	<1.0	8.8	1.4		83	1,200	<2.0	<2.0	<2.0			<100	328.77	13.89	314.88	·	
S-2	04/16/2009	2,100	54	1.2	21	3.0		88	930	<2.0	<2.0	<2.0			<100	328.77	13.75	315.02		

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	07/09/2009	620	16	<1.0	5.6	<1.0		35	900	<2.0	<2.0	<2.0			<100	328.77	15.18	313.59		
S-2	01/11/2010	3,300	39	1.5	23	4.1	<u></u>	51	600	< 2.0	< 2.0	< 2.0			<100	328.77	13.68	315.09		
S-2	01/21/2011	2,000	21	0.99	21	3.0		25	820	<1.0	<1.0	<1.0			<150	328.77	13.75	315.02		
S-2	07/20/2011	590	1.9	<1.0	<1.0	<2.0		9.4	910				-		<300	328.77	14.61	314.16		
S-2	01/06/2012	430	2.5	<1.0	1.8	<2.0		5.6	430	< 2.0	<2.0	< 2.0			<300	328.77	15.91	312.86		,
S-2	01/04/2013	1,200	6.7	0.53	5.6	1.1		9.1	570	<0.50	<0.50	<0.50			<150	328.77	13.30	315.47		
S-3	02/14/1988	< 50	<0.5	<1	<4	<4														· · ·
S-3	10/13/1988	< 50	< 0.5	<1	<1	<3														
S-3	01/31/1989	< 50	< 0.5	<1 .	<1	<3							· 					·		
S-3	03/07/1989	< 50	< 0.5	<1	<1	<3													·	
S-3	06/26/1989	< 50	< 0.5	<1	<1	<3														
S-3	09/08/1989	< 50	< 0.5	<1	<1	<3												·		
S-3	12/14/1989	< 50	< 0.5	< 0.5	< 0.5	<1														
S-3	03/05/1990	< 50	< 0.5	< 0.5	< 0.5	<1														
S-3	06/14/1990	< 500	< 0.5	< 0.5	< 0.5	<1							'							
S-3	10/02/1990	< 50	< 0.5	< 0.5	< 0.5	1.0										~~~				
S-3	12/18/1990	< 50	< 0.5	1.6	< 0.5	2.0														
S-3	03/20/1991	70	2.3	8.9	4.0	23										327.67				
S-3	06/26/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5			·							327.67				
S-3	09/05/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5										327.67				
S-3	12/13/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5										327.67	13.87	313.80		
S-3	03/11/1992	<30	< 0.5	< 0.5	< 0.5	< 0.5			·		·		·			327.67	13.05	314.62		
S-3	06/24/1992	< 50	< 0.5	< 0.5	< 0.5	< 0.5										327.67	13.86	313.81		
S-3	09/17/1992	< 50	< 0.5	< 0.5	< 0.5	< 0.5			·							327.67	13.01	314.66		
S-3	12/11/1992	< 50	< 0.5	< 0.5	< 0.5	< 0.5										327.67	13.00	314.67		
S-3	02/04/1993	< 50	< 0.5	< 0.5	< 0.5	< 0.5			'							327.67				
S-3	06/03/1993	<50	< 0.5	< 0.5	< 0.5	< 0.5										327.67				
S-3	09/15/1993															327.67	13.02	314.65	'	
S-3	09/13/1994															327.67	15.17	312.50		
S-3	06/21/1995	50	4.1	< 0.5	20	1.2		· .								327.67	12.49	315.18		
S-3	06/12/1996	< 50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5									327.67	12.53	315.14		
S-3	06/25/1997	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5									327.67	12.64	315.03		1.8
S-3	06/19/1998	<50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5									327.67	11.74	315.93		4.1
S-3	06/17/1999	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 5.00									327.67	12.35	315.32		2.8

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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	06/15/2000	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50									327.67	12.51	315.16		3.2
S-3	11/29/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50									327.67	12.84	314.83		1.0
S-3	03/07/2001	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50									327.67	12.42	315.25		2.8
S-3	06/18/2001	< 50	0.66	1.1	< 0.50	0.51		0.66								327.67	13.74	313.93		
S-3	09/17/2001	< 50	0.73	0.96	< 0.50	0.61		< 5.0								327.67	13.25	314.42		
S-3	12/31/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0								327.67	12.38	315.29		
S-3	03/13/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		<5.0								327.67	13.16	314.51		
S-3	06/18/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0								327.67	13.55	314.12		
S-3	09/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0								327.40	13.32	314.08		
S-3	12/27/2002	. <50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0	< 50	< 2.0	<2.0	<2.0	<2.0	<2.0		327.40	12.55	314.85		
S-3	03/24/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 5.0			·			·		327.40	12.71	314.69		
S-3	05/09/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0	·	< 0.50	< 5.0							327.40	12.27	315.13		
S-3	07/08/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		1.7	< 5.0							327.40	14.10	313.30		
S-3	10/15/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0							327.40	14.64	312.76		
S-3	01/06/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0							327.40	15.11	312.29		
S-3	04/07/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0							327.40	14.36	313.04		
S-3	07/27/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0	<2.0	<2.0	< 2.0			< 50	327.40	14.21	313.19		
S-3	10/29/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0	<2.0	<2.0	< 2.0			< 50	327.40	14.03	313.37		
S-3	01/06/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0	<2.0	<2.0	< 2.0				327.40	14.08	313.32		
S-3	04/14/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 0.50	< 5.0	< 0.50	< 0.50	< 0.50			< 5.0	327.40	12.16	315.24		
S-3	07/29/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0	<2.0	<2.0	<2.0			< 50	327.40	15.29	312.11		
S-3	10/20/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0	<2.0	<2.0	< 2.0			< 50	327.40	15.90	311.50		
S-3	01/26/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	59.5	< 0.500	< 0.500	< 0.500			< 50.0	327.40	15.00	312.40		
S-3	04/24/2006	<50.0	0.610	0.640	< 0.500	< 0.500		< 0.500	13.0	< 0.500	< 0.500	< 0.500			<50.0	327.40	12.03	315.37		
S-3	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	<1.50		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			<50.0	327.40	12.35	315.05		
S-3	10/20/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	327.40	12.46	314.94	,	·
S-3	01/22/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	327.40	13.05	314.35		
S-3	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	327.40	12.50	314.90		
S-3	07/09/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	327.40	12.04	315.36		
S-3	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	327.40	13.02	314.38		
S-3	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	327.40	12.21	315.19		
S-3	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0	<u></u>	<1.0	<10	<2.0	<2.0	< 2.0			<100	327.40	12.80	314.60		
S-3	07/29/2008	<50	< 0.50	<1.0	<1.0	<1.0		<1.0	13	<2.0	<2.0	<2.0			170	327.40	13.25	314.15		
S-3	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	327.40	13.40	314.00		
S-3	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	327.40	12.41	314.99	·	

Wel	l 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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S	-3 04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	327.40	12.20	315.20		
S	-3 07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	< 2.0	< 2.0			<100	327.40	13.49	313.91		
S	-3 01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	327.40	12.39	315.01		
S	-3 07/06/2010															327.40	12.80	314.60		
S	-3 01/21/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	327.40	12.53	314.87		,
S	-3 07/20/2011															327.40	12.95	314.45		
S	-3 01/06/2012	< 50	< 0.50	<0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	327.40	13.84	313.56		
S	-3 01/04/2013	<50	<0.50	<0.50	<0.50	<1.0		<0.50	<10	<0.50	<0.50	<0.50			<150	327.40	11.72	315.68		
S	-4 02/14/1988	5,100	160	8	730	730														
S	• • •	530	24	1	25	16								<u></u>						
S		1,100	33	2	20	24			- 											
S.	• •	650	37	1	35	27						·			***					
S		670	110	<1	8 5	71										~~~				
S		380	32	<1	36	. 26														
S		210	21	<0.5	30	23												·		
S	• •	350	43	<0.5	24	<u>4</u> 7														
S.	• •	430	74	<0.5	71	46														
S		700	74	2.2	100	55														
S.		1,400	180	2.9	280	230						· 								
S.	· · · · · · · · · · · · · · · · · · ·	1,200	100	<2.0	210	130										328.53				
S.		220	14	< 0.5	34	17										328.53				
S		580	31	0.8	53	26										328.53				
S		370	24	0.9	1.3	46										328.53	15.20	313.33		
S	• •	1,600	23	1.2	12	20										328.53	14.37	314.16		
S.		480	48	<1.0	95	22		,			-					328.53	15.30	313.23		
S	· · · · · · · · · · · · · · · · · · ·	260	35	1.2	51	7.8										328.53	14.17	314.36		
S.		270	34	0.8	28	4.5										328.53	14.18	314.35		
S.	• •	1,100	12	< 5.0	89	100										328.53				
S.		210	, 48	1.1	42	4										328.53				
S.	• •	700	21	<1.0	110	91										328.53	13.86	314.67		
S		250	39	< 0.5	3.8	2.6										328.53	14.16	314.37		
S		150	25	1.4	6.8	2.8										328.53	14.17	314.36		
S-4		140	28	0.8	7.9	3.2										328.53	14.17	314.36		
S	. ,	90	12	< 0.5	1.8	2.4										328.53	14.14	314.39		

Well ID	Date	TPHg (µg/L)	Β (μg/L)	T (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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4 (D)	06/16/1994	80	5.9	< 0.5	1.5	0.9										328.53	14.14	314.39		
S-4	09/13/1994	< 50	23	< 0.5	4.9	2.4										328.53	14.42	314.11		
S-4 (D)	09/13/1994	< 50	23	<0.5	4.0	2.3			,							328.53	14.42	314.11		
S-4	06/21/1995	270	34	1.4	25	7.6										328.53	13.82	314.71		
S-4 (D)	06/21/1995	280	35	2.1	26	8.4										328.53	13.82	314.71		
S-4	06/12/1996	360	52	< 0.5	< 0.5	< 0.5	92									328.53	13.64	314.89	·	
S-4 (D)	06/12/1996	430	54	<1.2	72	21	96									328.53	13.64	314.89		
S-4	06/25/1997	6,700	- 93	1,200	240	1,300	6,900	6,800								328.53	13.74	314.79		0.6
S-4	06/19/1998	3,500	56	15	140	670	2,100									328.53	12.55	315.98		0.8
S-4 (D)	06/19/1998	3,000	51	14	110	530	2,000									328.53	12.55	315.98		0.8
S-4	06/17/1999	1,510	28.4	9.84	176	132	1,780									328.53	13.24	315.29		4.8
S-4	06/15/2000	< 500	12.0	< 5.00	31.0	22.8	12,200									328.53	13.65	314.88		2.1
S-4	11/29/2000	< 500	< 5.00	< 5.00	< 5.00	< 5.00	12,100	'								328.53	14.23	314.30		1.8
S-4	03/07/2001	< 500	5.44	<5.00	6.49	< 5.00	11,400	14,500		, 	·					328.53	13.15	315.38		2.4
S-4	06/18/2001	<1,000	<10	<10	<10	<10		3,500								328.53	13.81	314.72		
S-4	09/17/2001	< 500	< 5.0	< 5.0	< 5.0	< 5.0		<i>7,7</i> 00								328.53	14.29	314.24		·
S-4	12/31/2001	<1,000	<10	<10	<10	<10		3,800								328.53	13.44	315.09		
S-4	03/13/2002	<2,500	<25	<25	<25	<25	and and side	18,000								328.53	14.42	314.11		
S-4	06/18/2002	<100	1.1	<1.0	<1.0	<1.0		530								328.53	15.19	313.34	·	
S-4	09/27/2002	<200	<2.0	<2.0	<2.0	<2.0		1,100							***	328.11	14.32	313.79		
S-4	12/27/2002	280	3.5	<2.5	17	4.7		390	9,000	<2.5	<2.5	< 5.0	<2.5	<2.5		328.11	13.50	314.61		
S-4	03/24/2003	<2,500	<25	<25	<25	< 50		780								328.11	14.56	313.55		
S-4	05/09/2003	<2,500	<25	<25	<25	< 50		1,200	18,000							328.11	13.20	314.91	'	
S-4	07/08/2003	<2,500	<25	<25	<25	< 50		1,700	8,700							328.11	20.87	307.24		
S-4	10/15/2003	<2,500	<25	<25	<25	< 50		280	11,000							328.11	16.15	311.96		
S-4	01/06/2004	3,500	< 5.0	19	190	570		58	9,600							328.11	21.64	306.47		
S-4	04/07/2004	<1,000	<10	<10	<10	<20		110	9,900							328.11	20.89	307.22		
S-4	07/27/2004	<1,000	<10	<10	<10	<20		<10	10,000	<40	<40	<40		<u></u>	<1,000	328.11	20.78	307.33		
S-4	10/29/2004	<1,000	<10	<10	<10	<20		110	5,600	<40	<40	<40			<1,000	328.11	20.53	307.58		
S-4	01/06/2005	<1,000	<10	<10	<10	<20		<10	6,500	<40	<40	<40				328.11	20.44	307.67		
S-4	04/14/2005	<250	<2.5	<2.5	3.1	<2.5		120	6,000	<2.5	<2.5	<2.5		-	<25	328.11	18.60	309.51		
S-4	07/29/2005	<250	< 2.5	<2.5	<2.5	< 5.0		4.4	3,100	<10	<10	<10			<250	328.11	21.03	307.08		
S-4	10/20/2005	<250	<2.5	<2.5	<2.5	< 5.0		<2.5	2,700	<10	<10	<10			<250	328.11	21.62	306.49		
S-4	01/26/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		0.950	723	< 0.500	< 0.500	< 0.500			<50.0	328.11	21.10	307.01		
S-4	04/24/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	·	79.4	1,310	< 0.500	< 0.500	< 0.500			<50.0	328.11	13.24	314.87		

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4	07/12/2006	<50.0	4.42	< 0.500	29.1	36.5		230	1,530	< 0.500	< 0.500	0.930			<50.0	328.11	13.45	314.66		
S-4	10/20/2006	1,150	5.30	0.990	41.5	2.79		208	2,160	< 0.500	< 0.500	< 0.500			<50.0	328.11	13.63	314.48		
S-4	01/22/2007	550	4.8	<2.5	30	< 5.0		130	3,000	< 5.0	<5.0	< 5.0			<750	328.11	14.32	313.79		
S-4	04/13/2007	320 i,j	0.48 k	<1.0	3.3	<1.0		18	390	<2.0	<2.0	<2.0			<100	328.11	13.68	314.43		
S-4	07/09/2007	240 i	1.5	0.32 k	6.9	<1.0		59	1,900	<2.0	<2.0	<2.0			<100	328.11	12.78	315.33		
S-4	10/22/2007	170 i	1.3 k	< 5.0	3.8 k	< 5.0		36	1,600	<10	<10	<10			< 500	328.11	14.26	313.85		
S-4	01/09/2008	85 i	<2.5	< 5.0	1.3 k	< 5.0		26	1,700	<10	<10	<10			< 500	328.11	13.40	314.71		
S-4	04/11/2008	430	<2.5	<5.0	< 5.0	<5.0		49	3,100	<10	<10	<10			< 500	328.11	14.00	314.11		
S-4	07/29/2008	190	1.1	<1.0	1.3	<1.0		24	1,500	<2.0	<2.0	<2.0			<100	328.11	14.64	313.47		
S-4	10/29/2008	180	1.3	<1.0	5.7	<1.0		21	1,700	<2.0	<2.0	<2.0			<100	328.11	14.73	313.38		
S-4	01/21/2009	940	4.6	<2.0	31	<2.0		38	2,400	<4.0	<4.0	<4.0			<200	328.11	13.66	314.45		
S-4	04/16/2009	680	3.4	< 5.0	14	< 5.0		29	2,200	<10	<10	<10			< 500	328.11	13.43	314.68		
S-4	07/09/2009	280	<2.5	< 5.0	< 5.0	< 5.0		17	1,900	<10	<10	<10			< 500	328.11	15.04	313.07		
S-4	01/11/2010	580	2.8	<2.0	6.0	<2.0		19	1,500	<4.0	<4.0	<4.0			<200	328.11	13.75	314.36		·
S-4	07/06/2010	490	1.8	<1.0	23	<1.0		11	890						<100	328.11	14.35	313.76		•
S-4	01/21/2011	58	1.4	< 0.50	< 0.50	<1.0		13	810	<1.0	<1.0	<1.0			<150	328.11	13.85	314.26		
S-4	07/20/2011	87	< 0.50	< 0.50	< 0.50	<1.0		8.3	780						<150	328.11	14.26	313.85		
S-4	01/06/2012	< 50	<1.0	<1.0	<1.0	<2.0		3.5	420	<2.0	<2.0	<2.0			<300	328.11	15.63	312.48		
S-4	01/04/2013	<50	<0.50	<0.50	< 0.50	<1.0		2.6	270	< 0.50	< 0.50	< 0.50			<150	328.11	13.10	315.01		
S-5	02/14/1988	1,000	40	86	180	180													~~~	
S-5	10/13/1988	560	66	20	18	36														
S-5	01/31/1989	180	27	8	9	13														
S-5	03/07/1989	3,800	520	530	260	570														
S-5	06/26/1989	< 50	3.8	<1	2	<3														
S-5	09/08/1989	110	25	.2	2	12						·								
S-5	12/14/1989	1,700	300	86	67	140									<u></u>					
S-5	03/05/1990	1,100	100	110	79	240														
S-5	06/14/1990	600	94	36	40	62														
S-5	10/02/1990	4,500	1,400	160	260	300														
S-5	11/20/1990	16,000	4,600	720	790	1,000						'								,
S-5	12/18/1990	25,000	7,600	1,100	1,300	2,300					-									
S-5	03/20/1991	310	39	12	18	30			· ,							329.66				
S-5	06/26/1991	1,300	250	62	120	180										329.66				
S-5	09/05/1991	4,700	660	150	170	280		·								329.66				

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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5	12/13/1991	1,400	580	19	110	80						'				329.66	17.48	312.18		
S-5	03/11/1992	<30	< 0.3	< 0.3	< 0.3	< 0.3										329.66	16.22	313.44		
S-5	06/24/1992	1,800	380	52	120	180										329.66	17.47	312.19		
S-5	09/17/1992	2,200	750	91	170	. 170										329.66	16.84	312.82		
S-5	12/11/1992	8,700	1,600	66	48	340										329.66	16.37	313.29		
S-5	02/04/1993	150	156	0.7	4.7	4										329.66				
S-5	06/03/1993	480	140	3.4	17	14									<u></u>	329.66				
S-5	09/15/1993	80	2.4	0.5	1.4	2.9										329.66	16.20	313.46		
S-5	12/09/1993	120	0.56	< 0.5	2.2	1.2										329.66	16.26	313.40		
S-5	03/04/1994	70	< 0.5	< 0.5	< 0.5	< 0.5										329.66	16.25	313.41		
S-5	06/16/1994	< 50	< 0.5	< 0.5	< 0.5	< 0.5										329.66	16.04	313.62		
S-5	09/13/1994	< 50	< 0.5	< 0.5	< 0.5	< 0.5										329.66	11.52	318.14		
S-5	06/21/1995	< 50	< 0.5	< 0.5	< 0.5	< 0.5		ř								329.66	14.50	315.16		
S-5	06/12/1996	< 500	6.0	<5.0	< 5.0	< 5.0	1,400					'				329.66	12.53	317.13		
S-5	06/25/1997	<250	<2.5	< 2.5	<2.5	<2.5	1,100	'								329.66	15.34	314.32		1.1
S-5	06/19/1998	<50	1.0	< 0.50	< 0.50	< 0.50	61									329.66	13.71	315.95		3.6
S-5	06/17/1999	<50.0	1.44	< 0.500	< 0.500	< 0.500	336									329.66	13.56	316.10		1.4
S-5	06/15/2000	<50.0	0.820	< 0.500	< 0.500	< 0.500	221						,			329.66	15.00	314.66		2.7
S-5	11/29/2000	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	183									329.66	16.29	313.37		0.7
S-5	03/07/2001	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	7.55									329.66	15.49	314.17		2.5
S-5	06/18/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		11								329.66	15.50	314.16	, ·	
S-5	09/17/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		17								329.66	16.35	313.31	,	
S-5	12/31/2001	<50	<0.50	< 0.50	< 0.50	< 0.50		< 5.0								329.66	12.80	316.86		
S-5	03/13/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		93								329.66	16.32	313.34		
S-5	06/18/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		130								329.66	17.00	312.66		
S-5	09/27/2002	< 50	0.88	< 0.50	< 0.50	< 0.50		280				·				329.36	16.34	313.02		
S-5	12/27/2002	<50	1.9	< 0.50	< 0.50	< 0.50		87	< 50	<2.0	<2.0	<2.0	<2.0	<2.0	'	329.36	15.45	313.91		
S-5	03/24/2003	<250	2.5	<2.5	<2.5	< 5.0		220								329.36	16.70	312.66		
S-5	05/09/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		110	17							329.36	13.16	316.20		
S-5	07/08/2003	<1,000	<10	<10	<10	< 20		320	<100			<u></u>				329.36	19.00	310.36	:	
S-5	10/15/2003	1,400 d	27	<2.5	<2.5	< 5.0		180	51							329.36	19.08	310.28		
S-5	01/06/2004	84,000	1,400	1,200	<25	17,000		140	<250							329.36	20.97	308.39		
S-5	04/07/2004	20,000	70	<25	230	290		66	<250	'						329.36	20.81	308.55		
S-5	07/27/2004	9,900	46	<25	74	< 50		43	<250	<100	<100	<100			<2,500	329.36	20.93	308.46	0.04	
S-5	08/04/2004	22,000	48	<10	63	38										329.36	20.97	308.46	0.09	

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)	
S-5	10/29/2004	14,000	93	<25	96	94		<25	<250	<100	<100	<100			<2,500	329.36	18.59	310.77			
S-5	01/06/2005	4,500	32	<10	47	86		<10	<100	<40	<40	<40				329.36	18.83	310.53			
S-5	04/14/2005	1,700	1.0	< 0.50	8.4	16		5.6	8.1	< 0.50	< 0.50	< 0.50			< 5.0	329.36	15.03	314.33			
S-5	07/29/2005	3,900	8.9	<2.5	9.8	13		21	<200	<10	<10	<40			<1,000	329.36	19.71	309.65			
S-5	10/20/2005	3,300	27	<2.5	9.1	14		6.0	32	<10	<10	<10			<250	329.36	21.90	307.46			
S-5	11/11/2005	2,300	54	0.69	15	19		8.3	< 5.0							329.36	22.17	307.19			
S-5	01/26/2006	6,680	43.6	4.93	38.2	89.1		8.38	<10.0	< 0.500	< 0.500	< 0.500			<50.0	329.36	20.85	308.51			
S-5	04/24/2006	1,930	1.43	< 0.500	< 0.500	12.1		2.76	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	329.36	14.40	314.96			
S-5	07/12/2006	<50.0	4.24	< 0.500	25.8	44.8		6.43	35.3	< 0.500	< 0.500	< 0.500			<50.0	329.36	15.50	313.86			
S-5	10/20/2006	2,890	17.5	0.760	55.1	106		3.78	<10.0	< 0.500	< 0.500	< 0.500			<50.0	329.36	15.55	313.81			
S-5	01/22/2007	1,600	7.3	0.54	35	60		0.73 k	<10	<1.0	<1.0	<1.0			<150	329.36	15.74	313.62			
S-5	04/13/2007	1,100 i	4.6	0.47 k	18	25.9		<1.0	<10	<2.0	<2.0	<2.0			<100	329.36	15.69	313.67			
S-5	07/09/2007	440 i	3.0	0.29 k	13	19.7		2.8	<10	<2.0	<2.0	<2.0			<100	329.36	15.46	313.90		-	
S-5	10/22/2007	6,300 i	3.1	0.41 k	21	28.3		<1.0	<10	<2.0	< 2.0	<2.0			<100	329.36	15.87	313.49			
S-5	01/09/2008	590 i	0.69	0.28 k	10	11.3		0.71 k	<10	<2.0	<2.0	<2.0			100	329.36	14.97	314.39			
S-5	04/11/2008	470	0.76	<1.0	5.4	4.7		4.9	18	<2.0	<2.0	<2.0			<100	329.36	16.38	312.98			
S-5	07/29/2008	350	1.1	<1.0	3.9	2.3		4.4	18	<2.0	<2.0	<2.0			<100	329.36	16.22	313.14			
S-5	10/29/2008	630	5.7	<1.0	4.5	2.9	~~~	9.5	23	<2.0	<2.0	<2.0			<100	329.36	17.50	311.86			
S-5	01/21/2009	1,200	14	<1.0	7.0	4.1		22	46	<2.0	<2.0	<2.0		,	<100	329.36	16.52	312.84			
S-5	04/16/2009	280	1.3	<1.0	2.7	1.4		11	35	<2.0	<2.0	<2.0			<100	329.36	15.95	313.41			
S-5	07/09/2009	500	4.3	<1.0	2.9	1.4		22	32	<2.0	<2.0	<2.0			<100	329.36	17.46	311.90			
S-5	01/11/2010	370	5.0	<1.0	4.0	<1.0		26	31	<2.0	<2.0	<2.0			<100	329.36	16.68	312.68			
S-5	07/06/2010	1,300	6.5	<1.0	8.5	<1.0		49	85						<100	329.36	16.20	313.16		·	
S-5	01/21/2011	330	1.4	< 0.50	1.3	<1.0		21	40	<1.0	<1.0	<1.0			<150	329.36	16.27	313.09			
S-5	07/20/2011	430	3.2	<0.50	3.0	<1.0		22	33						<150	329.36	16.76	312.60			
S-5	01/06/2012	690	5.5	< 0.50	1.5	<1.0		40	56	<1.0	<1.0	<1.0			<150	329.36	18.03	311.33			
S-5	01/04/2013	330	2.1	<0.50	0.82	<1.0		4.0	<10	< 0.50	< 0.50	< 0.50			<150	329.36	14.89	314.47			
																222.25	40.54	200 54			
S-5B	11/08/2005							·								332.25	43.71	288.54			
S-5B	11/11/2005	<50	< 0.50	<0.50	< 0.50	<1.0	·	2.5	15							332.25	43.79	288.46			
S-5B	01/26/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		1.63	<10.0	<0.500	< 0.500	< 0.500			<50.0	332.25	38.21	294.04			
S-5B	04/24/2006	<50.0	0.540	1.18	< 0.500	< 0.500		1.88	12.2	< 0.500	< 0.500	< 0.500			<50.0	332.25	30.68	301.57			
S-5B	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		1.63	<10.0	< 0.500	< 0.500	< 0.500			<50.0	332.25	30.05	302.20			
S-5B	10/20/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		1.04	<10.0	< 0.500	< 0.500	< 0.500			<50.0	332.25	31.60	300.65			
S-5B	01/22/2007	<50	0.33 k	0.36 k	0.27 k	<1.0		0.90 k	<10	<1.0	<1.0	<1.0			<150	332.25	27.79	304.46	·		

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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5B	04/13/2007	<50 i	0.30 k	0.28 k	<1.0	<1.0		0.73 k	<10	<2.0	<2.0	<2.0			79 k	332.25	24.78	307.47		
S-5B	07/09/2007	<50 i	0.37 k	<1.0	<1.0	<1.0		0.49 k	<10	<2.0	< 2.0	<2.0			<100	332.25	31.12	301.13		
S-5B	10/22/2007	66 i	0.33 k	<1.0	<1.0	<1.0		0.64 k	5.7 k	< 2.0	<2.0	<2.0			<100	332.25	29.64	302.61		
S-5B	01/09/2008	<50 i	0.29 k	<1.0	<1.0	<1.0		0.46 k	<10	<2.0	<2.0	<2.0			220	332.25	25.52	306.73		
S-5B	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	332.25	25.32	306.93		
S-5B	07/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	< 2.0	<2.0		<u></u>	100	332.25	32.33	299.92		
S-5B	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	332.25	34.51	297.74		
S-5B	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	10	<2.0	<2.0	< 2.0			<100	332.25	32.27	299.98		
S-5B	04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	14	<2.0	<2.0	< 2.0			<100	332.25	29.30	302.95	·	
S-5B	07/09/2009	<50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			200	332.25	34.41	297.84		
S-5B	01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0		·:	200	332.25	37.45	294.80		
S-5B	07/06/2010	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10						<100	332.25	35.18	297.07		
S-5B	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	332.25	36.52	295.73		
S-5B	07/20/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10						<150	332.25	34.97	297.28	- ·	
S-5B	01/06/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		1.0	<10	<1.0	<1.0	<1.0			<150	332.25	36.10	296.15		
S-5B	01/04/2013	< 50	<0.50	< 0.50	< 0.50	<1.0		0.87	<10	< 0.50	< 0.50	<0.50			<150	332.25	45.31	286.94	,	
																1				
S-5C	11/08/2005															332.33	43.69	288.64		
S-5C	11/11/2005	55	< 0.50	0.67	< 0.50	<1.0		0.87	< 5.0						,	332.33	43.65	288.68		
S-5C	01/26/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		1.91	41.2	< 0.500	< 0.500	< 0.500			<50.0	332.33	38.11	294.22		
S-5C	04/24/2006	< 50.0	0.740	< 0.500	< 0.500	< 0.500		1.93	17.8	< 0.500	< 0.500	< 0.500	~-~		< 50.0	332.33	30.61	301.72		
S-5C	07/12/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		1.42	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	332.33	30.07	302.26		
S-5C	10/20/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	332.33	31.67	300.66		
S-5C	01/22/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	9.0 g,k	<1.0	<1.0	<1.0			<150	332.33	- 27.90	304.43		
S-5C	04/13/2007	<50 i	0.24 k	<1.0	<1.0	<1.0		<1.0	12	<2.0	< 2.0	<2.0			<100	332.33	24.90	307.43		
S-5C	07/09/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	5.5 k	<2.0	<2.0	< 2.0			<100	332.33	31.22	301.11		
S-5C	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	10	< 2.0	< 2.0	< 2.0			<100	332.33	29.59	302.74		
S-5C	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0	-	<1.0	8.8 k	<2.0	<2.0	<2.0			<100	332.33	25.51	306.82		
S-5C	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0	·	<1.0	<10	<2.0	<2.0	<2.0			<100	332.33	25.51	306.82		
S-5C	07/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	332.33	32.48	299.85		
S-5C	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0	-,	<1.0	<10	< 2.0	<2.0	<2.0			<100	332.33	36.39	295.94		
S-5C	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	332.33	32.20	300.13		
S-5C	04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	332.33	29.29	303.04		
S-5C	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	332.33	34.51	297.82		
S-5C	01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0	and such such	<1.0	<10	<2.0	<2.0	<2.0			<100	332.33	37.45	294.88		

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5C	07/06/2010	<50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10						<100	332.33	35.14	297.19		
S-5C	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	332.33	36.42	295.91		
S-5C	07/20/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10						<150	332.33	34.83	297.50		
S-5C	01/06/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	332.33	36.00	296.33		
S-5C	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0		<0.50	<10	<0.50	<0.50	<0.50			<150	332.33	45.04	287.29		
S-6	10/13/1988	1100	13.0	1	42	33											<u></u>			
S-6	01/31/1989	340	3.8	<1	8	3												,		
S-6	03/07/1989	190	3.8	<1	- 7.	3														
S-6	06/26/1989	480	15	<1	6	<3						'								
S-6	09/08/1989	270	1.3	1	7	<3														·
S-6	12/15/1989	320	1.0	< 0.5	2.6	<1														
S-6	03/06/1990	420	3.1	< 0.5	14	<1					·									
S-6	06/14/1990	370	3.7	0.9	4.8	. 3												<u></u>		
S-6	10/02/1990	190	6.6	1.6	1.9	2.8														
S-6	12/18/1990	430	10	0.7	1.6	1.5														
S-6	03/20/1991	130a	606	0.6	0.7	3										327.62				·
S-6	06/26/1991	120a	3.8	0.8	< 0.5	1.7										327.62				
S-6	09/05/1991	60	< 0.5	0.8	< 0.5	0.5										327.62				
S-6	12/13/1991	150	2.3	< 0.5	< 0.5	150										327.62	15.11	312.51		
S-6	03/11/1992	<30	< 0.3	< 0.3	< 0.5	< 0.3	·									327.62	16.35	311.27		
S-6	06/24/1992	170	< 0.5	< 0.5	< 0.5	< 0.5										327.62	16.51	311.11		
S-6	09/17/1992	190	< 0.5	1.6	< 0.5	1.2										327.62	14.33	313.29		
S-6	12/11/1992	180	<0.5	0.8	< 0.5	0.7										327.62	14.48	313.14		
S-6	02/04/1993	290	< 0.5	< 0.5	< 0.5	0.7						~~~				327.62				
S-6	06/03/1993	100	1.2	< 0.5	< 0.5	<0.5										327.62				
S-6	09/15/1993	160	1.4	< 0.5	0.9	2										327.62	14.16	313.46	-	
S-6	12/09/1993	130	2.3	2.6	5.1	6.2										327.62	14:68	312.94	·	
S-6	03/04/1994	220	< 0.5	< 0.5	< 0.5	< 0.5										327.62	14.42	313.20		
S-6	06/16/1994	60	< 0.5	< 0.5	< 0.5	< 0.5				·						327.62	14.92	312.70		
S-6	09/13/1994	< 50	< 0.5	6.0	< 0.5	< 0.5										327.62	14.72	312.90		
S-6	06/21/1995	270	<0.5	< 0.5	< 0.5	<0.5										327.62	13.86	313.76		
S-6	06/12/1996	200	2.0	<0.5	<0.5	<0.5	12							, '		327.62	13.90	313.72		
S-6	06/25/1997	180	< 0.50	0.61	< 0.50	0.77	28									327.62	13.64	313.98		1.8
S-6 (D)	06/25/1997	130	< 0.50	< 0.50	< 0.50	< 0.50	21									327.62	13.64	313.98		1.8

Well ID	Date	ТРНд	B	T	E	X	MTBE 8020	MTBE 8260	TBA	DIPE	ETBE	TAME	1,2- DCA	EDB	Ethanol		Depth to Water		SPH Thickness	DO Reading
		(μg/L)	(μg/L)	(μg/L)	(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)
S-6	06/19/1998	100	7.6	< 0.50	< 0.50	< 0.50	27									327.62	13.81	313.81		1.7
S-6	06/17/1999	114	4.14	< 0.500	< 0.500	< 0.500	19.9	·								327.62	14.21	313.41		1.6
S-6	06/15/2000	367	17.5	< 0.500	< 0.500	< 0.500	1,050		'							327.62	14.51	313.11		1.8
S-6	11/29/2000	154	0.754	16.4	< 0.500	1.05	5,470							·		327.62	14.32	313.30		2.1
S-6	03/07/2001	183	0.971	25.1	0.636	0.996	6,830									327.62	15.39	312.23		1.7
S-6	06/18/2001	<2,000	<20	<20	<20	<20		8,200			<u></u>					327.62	14.72	312.90		
S-6	09/17/2001 c	< 50	< 0.50	< 0.50	< 0.50	< 0.50		5.7	< 50	<2.0	<2.0	<2.0	,		< 500	327.62	16.69	310.93		
S-6	12/31/2001	260	< 0.50	< 0.50	< 0.50	< 0.50		11,000								327.62	13.99	313.63		
S-6	03/13/2002	440	<2.5	<2.5	< 2.5	<2.5		930								327.62	15.10	312.52		
S-6	06/18/2002	340	<1.0	<1.0	<1.0	<1.0		560								327.62	15.24	312.38		
S-6	09/27/2002	<250	<2.5	<2.5	< 2.5	< 2.5		580								327.26	14.34	312.92		
S-6	12/27/2002	< 500	< 5.0	< 5.0	< 5.0	< 5.0		230	10,000	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		327.26	14.30	312.96		
S-6	03/24/2003	<5,000	< 50	< 50	< 50	<100		< 500								327.26	14.37	312.89		
S-6	05/09/2003	<2,500	<25	<25	<25	< 50		140	12,000	-						327.26	14.25	313.01		
S-6	07/08/2003	<2,500	<25	<25	<25	< 50		100	8,400							327.26	15.37	311.89		
S-6	10/15/2003	<1,000	<10	<10	<10	<20		63	10,000							327.26	17.69	309.57		
S-6	01/06/2004	< 500	<5.0	< 5.0	< 5.0	<10		27	7,600							327.26	17.19	310.07		
S-6	04/07/2004	< 500	< 5.0	< 5.0	< 5.0	<10		15	2,900							327.26	16.72	310.54		
S-6	07/27/2004	860 d	< 5.0	< 5.0	< 5.0	<10		30	5,700	<20	<20	<20			< 500	327.26	16.90	310.36		
S-6	10/29/2004	< 500	< 5.0	< 5.0	< 5.0	<10		14	2,500	<20	<20	<20			< 500	327.26	16.68	310.58		
S-6	01/06/2005	<200	<2.0	<2.0	<2.0	<4.0		8.7	1,200	<8.0	<8.0	<8.0				327.26	16.75	310.51		
S-6	04/14/2005	180	< 0.90	< 0.90	< 0.90	< 0.90		11	2,300	< 0.90	< 0.90	< 0.90	'		< 9.0	327.26	15.30	311.96		
S-6	07/29/2005	270 f	<2.5	<2.5	< 2.5	< 5.0		17	2,300	<10	<10	<10			<250	327.26	16.77	310.49		
S-6	10/20/2005	570	<2.5	<2.5	<2.5	< 5.0		7.1	1,200	<10	<10	<10			<250	327.26	17.30	309.96		
S-6	01/26/2006	808	< 0.500	< 0.500	< 0.500	<0.500		5.07	473	< 0.500	< 0.500	< 0.500			<50.0	327.26	17.00	310.26		
S-6	04/24/2006	303	< 0.500	< 0.500	< 0.500	< 0.500		4.03	212	< 0.500	< 0.500	< 0.500	·		<50.0	327.26	15.42	311.84		
S-6	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		13.3	609	< 0.500	< 0.500	< 0.500			<50.0	327.26	15.15	312.11		
S-6	10/20/2006	850	< 0.500	< 0.500	< 0.500	< 0.500		26.4	1,050	< 0.500	< 0.500	< 0.500			< 50.0	327.26	13.98	313.28		
S-6	01/22/2007	620	<2.0	<2.0	<2.0	<4.0		30	2,000	<4.0	<4.0	<4.0			<600	327.26	14.14	313.12		
S-6	04/13/2007	490 i,j	< 2.5	< 5.0	< 5.0	< 5.0		21	1,700	<10	<10	<10			< 500	327.26	14.35	312.91		
S-6	07/09/2007	830 i,j	< 0.50	<1.0	<1.0	<1.0		29	2,300	<2.0	<2.0	<2.0			<100	327.26	14.22	313.04		`
S-6	10/22/2007	810 i	<2.5	< 5.0	<5.0	< 5.0		26	2,300	<10	<10	<10	;		< 500	327.26	14.72	312.54		
S-6	01/09/2008	220 i	<2.5	< 5.0	< 5.0	< 5.0		15	1,100	<10	<10	<10			< 500	327.26	14.97	312.29		
S-6	04/11/2008	590	< 0.50	<1.0	<1.0	<1.0		13	2,000	<2.0	<2.0	<2.0			<100	327.26	14.70	312.56		
S-6	07/29/2008	1,100	<2.5	< 5.0	<5.0	< 5.0		15	1,700	<10	<10	<10			< 500	327.26	15.84	311.42		

Well ID	Date	TPHg (µg/L)	B (μg/L)	T (µg/L)	E (μg/L)	X (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (μg/L)	DIPE (μg/L)	ETBE (µg/L)	TAME (μg/L)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-6	10/29/2008	1,000	<2.5	< 5.0	< 5.0	<5.0		14	3,200	<10	<10	<10			< 500	327.26	16.29	310.97		
S-6	01/21/2009	600	<2.5	< 5.0	< 5.0	< 5.0		8.1	1,900	<10	<10	<10			< 500	327.26	15.80	311.46		
S-6	04/16/2009	840	<2.5	< 5.0	< 5.0	< 5.0		13	4,000	<10	<10	<10			< 500	327.26	14.35	312.91		
S-6	07/09/2009	970	<2.5	< 5.0	< 5.0	< 5.0		17	7,100	<10	<10	<10			< 500	327.26	15.02	312.24		
S-6	01/11/2010	880	<2.5	< 5.0	< 5.0	< 5.0		8.7	4,400	<10	<10	<10			< 500	327.26	14.61	312.65		
S-6	07/06/2010	950	< 0.50	<1.0	<1.0	<1.0		13	5,200					·	<100	327.26	14.41	312.85		,
S-6	01/21/2011	490	<2.0	<2.0	< 2.0	4.7		6.6	3,500	<4.0	<4.0	<4.0			<600	327.26	14.61	312.65		
S-6	07/20/2011	880	<2.5	<2.5	< 2.5	<5.0		6.0	3,700						<750	327.26	14.29	312.97		
S-6	01/06/2012	660	<1.0	<1.0	<1.0	<2.0		6.3	2,300	<2.0	< 2.0	<2.0			<300	327.26	15.89	311.37		
S-6	05/10/2012	610	<2.0	<2.0	<2.0	<4.0		4.0	1,200						<600	327.26	15.32	311.94		
S-6	07/06/2012	520	<1.3	<1.3	<1.3	<2.5		4.7	2,500						<380	327.26	15.29	311.97		
S-6	10/19/2012	860	<2.5	<2.5	<2.5	<5.0		3.8	2,200						<750	327.26	16.00	311.26		
S-6	01/04/2013	660	< 0.50	< 0.50	< 0.50	<1.0		3.5	1,000	<0.50	< 0.50	< 0.50			<150	327.26	14.95	312.31		
•																•		4		
S-7	10/13/1988	< 50	0.6	1	<1	<3											'			
S-7	01/31/1989	< 50	< 0.5	<1	<1	<3														
S-7	03/07/1989	< 50	< 0.5	<1	<1	<3										 .				
S-7	06/26/1989	< 50	< 0.5	<1	<1	<3														
S-7	09/08/1989	< 50	< 0.5	<1	<1	<3			·											
S-7	12/15/1989	< 50	< 0.5	< 0.5	< 0.5	<1														
S-7	03/06/1990	< 50	< 0.5	< 0.5	< 0.5	<1							<u></u>						,	nan nan alai
S-7	06/14/1990	< 50	< 0.5	< 0.5	< 0.5	<1					·		,		·					
S-7	10/02/1990	< 50	< 0.5	0.6	< 0.5	0.9										·	<u></u>			
S-7	12/18/1990	< 50	0.5	< 0.5	< 0.5	0.86									·					
S-7	03/20/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5										328.67				
S-7	06/26/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5										328.67				
S-7	09/05/1991	< 50	< 0.5	0.6	< 0.5	< 0.5										328.67				
S-7	12/13/1991	< 50	<0.6	< 0.5	< 0.5	< 0.5										328.67	17.70	310.97		
S-7	03/11/1992	<50	< 0.3	< 0.3	< 0.3	< 0.3										328.67	17.06	311.61		
S-7	06/24/1992	<50	< 0.5	< 0.5	< 0.5	< 0.5										328.67	17.80	310.87		
S-7	09/17/1992	< 50	0.6	0.6	< 0.5	< 0.5										328.67	17.00	311.67		
S-7	12/11/1992	< 50	< 0.5	< 0.5	< 0.5	< 0.5										328.67	17.35	311.32		
S-7	02/04/1993	< 50	< 0.5	< 0.5	< 0.5	<0.5										328.67				
S-7	06/03/1993	< 50	< 0.5	< 0.5	< 0.5	< 0.5										328.67		. 		
S-7	09/15/1993															328.67	16.65	312.02		

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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	09/13/1994															328.67	16.83	311.84		
S-7	06/21/1995	< 50	<0.5	< 0.5	< 0.5	< 0.5										328.67	15.88	312.79		
S-7	06/12/1996	< 50	< 0.5	< 0.5	< 0.5	<0.5	<2.5						·			328.67	16.22	312.45	· · ·	
S-7	06/25/1997	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5						'			328.67	16.12	312.55		- 3
S-7	06/19/1998	< 50	< 0.50	<.050	< 0.50	< 0.50	< 2.5									328.67	14.81	313.86		2.6
S-7	06/17/1999	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 5.00									328.67	15.91	312.76		5.1
S-7	06/15/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	7.32									328.67	16.14	312.53		2.0
S-7	11/29/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50								·	328.67	16.89	311.78		3.6
S-7	03/07/2001	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	<2.50									328.67	16.55	312.12		2.1
S-7	06/18/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		2.5				'				328.67	16.30	312.37		
S-7	09/17/2001 c	150	< 0.50	55	< 0.50	< 0.50		8,300								328.67	14.23	314.44		
S-7	12/31/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		<5.0								328.67	16.28	312.39		
S-7	03/13/2002	< 50	< 0.50	< 0.50	< 0.50	<0.50		5.9								328.67	17.41	311.26		
S-7	06/18/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		12								328.67	17.63	311.04		
S-7	09/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		10				:				328.41	16.96	311.45		
S-7	12/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		22	< 50	<2.0	<2.0	<2.0	4.1	<2.0		328.41	16.00	312.41		
S-7	03/24/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		21								328.41	17.12	311.29		
S-7	05/09/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		31	7.3							328.41	16.14	312.27		
S-7	07/08/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		36	6.5							328.41	17.42	310.99		
S-7	10/15/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		100	< 5.0							328.41	15.49	312.92	· ·	
S-7	01/06/2004	<100	<1.0	<1.0	<1.0	<2.0		200	20							328.41	18.93	309.48		
S-7	04/07/2004	<250	<2.5	<2.5	<2.5	< 5.0		380	130							328.41	18.93	309.48		
S-7	07/27/2004	<250	<2.5	<2.5	<2.5	< 5.0		240	45	<10	<10	<10			<250	328.41	18.91	309.50		
S-7	10/29/2004	<250	<2.5	<2.5	<2.5	< 5.0		270	52	<10	<10	<10			<250	328.41	18.65	309.76		
S-7	01/06/2005	<250	<2.5	<2.5	<2.5	< 5.0		160	<25	<10	<10	<10				328.41	18.52	309.89		
S-7	04/14/2005	<50	< 0.50	< 0.50	< 0.50	< 0.50		230	130	< 0.50	< 0.50	< 0.50			< 5.0	328.41	16.22	312.19		
S-7	07/29/2005	<2,000	<20	<20	<20	<40		170	<200	<80	<80	<80			<2,000	328.41	18.57	309.84		
S-7	10/20/2005	<100	<1.0	<1.0	<1.0	<2.0		180	32	<4.0	<4.0	<4.0			<100	328.41	19.25	309.16		
S-7	01/26/2006	75.9	< 0.500	< 0.500	< 0.500	< 0.500		172	65.1	< 0.500	< 0.500	< 0.500			<50.0	328.41	19.05	309.36		
S-7	04/24/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		199	22.6	< 0.500	< 0.500	< 0.500			<50.0	328.41	16.91	311.50		
S-7	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	, 	122	<10.0	< 0.500	<0.500	< 0.500			<50.0	328.41	16.42	311.99		
S-7	10/20/2006	176	< 0.500	< 0.500	< 0.500	0.720		73.5	<10.0	< 0.500	< 0.500	< 0.500			<50.0	328.41	16.66	311.75		
S-7	01/22/2007	<50	< 0.50	< 0.50	< 0.50	<1.0		62	6.2 g,k	<1.0	<1.0	<1.0			<150	328.41	17.24	311.17		
S-7	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		6.5	<10	<2.0	<2.0	<2.0			<100	328.41	17.05	311.36		
S-7	07/09/2007	52 i,j	< 0.50	<1.0	<1.0	<1.0		39	<10	<2.0	<2.0	<2.0			<100	328.41	16.52	311.89		

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		33	<10	<2.0	<2.0	<2.0			<100	328.41	17.03	311.38		
S-7	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0		28	<10	< 2.0	< 2.0	<2.0			<100	328.41	17.00	311.41		
S-7	04/11/2008	370	< 0.50	<1.0	1.2	<1.0		<1.0	<10	< 2.0	<2.0	< 2.0			<100	328.41	16.71	311.70		
S-7	07/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		21	<10	<2:0	< 2.0	<2.0			<100	328.41	17.35	311.06		
S-7	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		18	<10	<2.0	< 2.0	< 2.0			<100	328.41	17.85	310.56		
S-7	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		17	<10	<2.0	< 2.0	<2.0			<100	328.41	17.41	311.00		
S-7	04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0		19	<10	<2.0	<2.0	<2.0			<100	328.41	16.72	311.69		
S-7	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		20	<10	<2.0	<2.0	< 2.0			<100	328.41	17.91	310.50		
S-7	01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0		13	<10	<2.0	<2.0	< 2.0			<100	328.41	17.41	311.00		
S-7	07/06/2010	< 50	< 50	<1.0	<1.0	<1.0		11	<10						<100	328.41	17.11	311.30		
S-7	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		6.9	<10	<1.0	<1.0	<1.0			<150	328.41	16.85	311.56		
S-7	07/20/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0	-	5.9	<10						<150	328.41	16.84	311.57	. '	
S-7	01/06/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		5. <i>7</i>	<10	<1.0	<1.0	<1.0			<150	328.41	18.30	310.11		
S-7	01/04/2013	<50	< 0.50	< 0.50	< 0.50	<1.0		4.0	<10	< 0.50	<0.50	< 0.50			<150	328.41	16.78	311.63		
	_									•										
S-8	03/07/1989	< 50	1.2	1	<1	<3													-	
S-8	06/26/1989	< 50	0.8	1	<1	<3														
S-8	09/08/1989	< 50	< 0.5	<1	<1	<3	· ·													
S-8	12/14/1989	< 50	< 0.5	< 0.5	< 0.5	<1														
S-8	03/05/1990	< 50	< 0.5	0.5	< 0.5	<1														
S-8	06/14/1990	< 50	< 0.5	< 0.5	< 0.5	<1														
S-8	10/02/1990	< 50	< 0.5	< 0.5	< 0.5	< 0.5														
S-8	12/18/1990	< 50	2.9	7.0	1.0	6.4														
S-8	03/20/1991	<50a	0.8	1.8	2.6	5.2										327.00	·			
S-8	06/26/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5										327.00				
S-8	09/05/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5								·		327.00				
S-8	12/13/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5										327.00	15.73	311.27		
S-8	03/11/1992	<30	< 0.3	<0.3	< 0.3	< 0.3										327.00	14.64	312.36		
S-8	06/24/1992	< 50	1.4	1.9	< 0.5	< 0.5										327.00	15. 77	311.23		
S-8	09/17/1992	< 50	< 0.5	< 0.5	< 0.5	< 0.5										327.00	15.37	311.63		
S-8	12/11/1992	< 50	< 0.5	< 0.5	< 0.5	< 0.5										327.00	14.94	312.06		
S-8	02/04/1993	< 50	< 0.5	< 0.5	< 0.5	< 0.5										327.00				
S-8	06/03/1993	< 50	< 0.5	< 0.5	< 0.5	< 0.5		<u></u>		~~~						327.00				
S-8	09/15/1993					· .										327.00	14.91	312.09		
S-8	09/13/1994															327.00	15.16	311.84		

Well ID	Date	TPHg (µg/L)	Β (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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-8	06/21/1995	< 50	< 0.5	< 0.5	<0.5	< 0.5										327.00	14.11	312.89		
S-8	06/12/1996	< 50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5			. سنس						327.00	14.20	312.80		
S-8	06/25/1997	170	< 0.50	< 0.50	< 0.50	< 0.50	<2.5									327.00	14.42	312.58		0.5
S-8	06/19/1998	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5									327.00	13.49	313.51		2.2
S-8	06/17/1999	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 5.00									327.00	14.07	312.93		0.9
S-8	06/15/2000	Well ina	ccessible													327.00				
S-8	06/21/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	21.0									327.00	14.43	312.57		
S-8	11/29/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	9.46									327.00	14.44	312.56		2.2
S-8	03/07/2001	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	4.21			:						327.00	13.69	313.31		2.1
S-8	06/18/2001	< 50	0.55	0.92	< 0.50	0.51		13								327.00	14.60	312.40		
S-8	09/17/2001	Unable t	o sample	<u>و</u>												327.00	15.07	311.93		
S-8	09/18/2001	Unable t	o sample	9									·			327.00			·	
S-8	12/31/2001	< 50	1.1	1.4	< 0.50	< 0.50		8.4								327.00	14.02	312.98		
S-8	03/13/2002	Unable t	o sample	<u>.</u>												327.00	14.92	312.08		
S-8	06/18/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		19								327.00	15.37	311.63		
S-8	09/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		19								326.14	14.60	311.54		
S-8	12/27/2002	Well ina	ccessible													326.14				
S-8	01/07/2003	Well ina	ccessible													326.14		,		
S-8	03/24/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		25							·.	326.14	14.58	311.56		
S-8	05/09/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		24	< 5.0							326.14	13.45	312.69		
S-8	07/08/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		46	< 5.0							326.14	15.19	310.95		
S-8	10/15/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0	<u></u>	42	< 5.0							326.14	16.58	309.56	·	
S-8	01/06/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		50	< 5.0			"				326.14	16.27	309.87		
S-8	04/07/2004	<50	< 0.50	< 0.50	< 0.50	<1.0	· :	33	< 5.0							326.14	16.12	310.02		
S-8	07/27/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		18	< 5.0	<2.0	<2.0	<2.0			< 50	326.14	16.26	309.88		
S-8	10/29/2004	<50	< 0.50	< 0.50	< 0.50	<1.0		25	<5.0	<2.0	<2.0	< 2.0			< 50	326.14	15.93	310.21		
S-8	01/06/2005	<50	< 0.50	< 0.50	< 0.50	<1.0		21	< 5.0	<2.0	<2.0	< 2.0				326.14	15.79	310.35		
S-8	04/14/2005	<50	< 0.50	< 0.50	< 0.50	< 0.50		11	<5.0	< 0.50	< 0.50	< 0.50			< 5.0	326.14	14.78	311.36		
S-8	07/29/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		13	< 5.0	<2.0	<2.0	<2.0 .	<i></i>		< 50	326.14	16.51	309.63		
S-8	10/20/2005	< 50	<0.50	< 0.50	< 0.50	<1.0		11	<5.0	< 2.0	<2.0	< 2.0			<50	326.14	17.38	308.76		
S-8	01/26/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		9.65	<10.0	< 0.500	< 0.500	< 0.500			<50.0	326.14	16.55	309.59		
. S-8	04/24/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		5.94	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	326.14	14.18	311.96		
S-8	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	<1.50		7.00	<10.0	< 0.500	<0.500	< 0.500			< 50.0	326.14	14.52	311.62		
S-8	10/20/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		8.54	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	326.14	14.30	311.84		
S-8	01/22/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		11	<10	<1.0	<1.0	<1.0			<150	326.14	15.07	311.07		

Well ID	Date	TPHg (µg/L)	В (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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (μg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-8	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0		9.0	<10	<2.0	<2.0	<2.0			<100	326.14	14.31	311.83		
S-8	07/09/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		12	<10	<2.0	<2.0	< 2.0			<100	326.14	14.38	311.76		
S-8	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		22	<10	< 2.0	< 2.0	< 2.0			<100	326.14	14.50	311.64		
S-8	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0		14	<10	<2.0	<2.0	<2.0			180	326.14	13.88	312.26		
S-8	04/11/2008	51	< 0.50	<1.0	<1.0	<1.0		25	<10	<2.0	<2.0	<2.0			<100	326.14	14.46	311.68		
S-8	07/29/2008	<50	< 0.50	<1.0	<1.0	<1.0		14	<10	<2.0	<2.0	<2.0			<100	326.14	15.45	310.69		·
S-8	10/29/2008	<50	< 0.50	<1.0	<1.0	<1.0		12	<10	<2.0	<2.0	< 2.0			<100	326.14	15.69	310.45		
S-8	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		8.7	<10	<2.0	< 2.0	<2.0			<100	326.14	14.91	311.23		
S-8	04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0		8.1	<10	<2.0	<2.0	<2.0			<100	326.14	14.95	311.19	,	
S-8	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		9.7	<10	<2.0	<2.0	< 2.0			<100	326.14	15.36	310.78	·	
S-8	01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0		6.7	<10	<2.0	<2.0	< 2.0			<100	326.14	14.98	311.16		
S-8	07/06/2010															326.14	14.75	311.39	'	
S-8	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	1.2		5.3	<10	<1.0	<1.0	<1.0			<150	326.14	14.53	311.61		
S-8	07/20/2011								·						<150	326.14	14.85	311.29		
S-8	01/06/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		5.8	<10	<1.0	<1.0	<1.0			<150	326.14	16.02	310.12		
S-8	01/04/2013	<50	<0.50	< 0.50	<0.50	<1.0		3.5	<10	<0.50	< 0.50	< 0.50			<150	326.14	13.92	312.22		
S-9	03/07/1989	< 50	< 0.5	<1	<1	<3														
S-9	06/26/1989	< 50	<0.5	<1	<1	<3														
S-9	09/08/1989	< 50	1.7	2	<1	<3														
S-9	12/15/1989	< 50	0.5	<0.5	< 0.5	<1														
S-9	03/06/1990	< 50	< 0.5	< 0.5	< 0.5	<1														
S-9	06/14/1990	< 50	<0.5	< 0.5	< 0.5	<1														
S-9	10/02/1990	< 50	< 0.5	< 0.5	< 0.5	< 0.5	•													'
S-9	12/18/1990	< 50	20	27	7.1	35														
S-9	03/07/1989	< 50																		
S-9	06/26/1989	< 50																		
S-9	09/08/1989	< 50																		·
S-9	12/15/1989	< 50																		
S-9	03/06/1990	< 50						·											,	
S-9	06/14/1990	< 50			*															
S-9	12/02/1990	< 50			-															
S-9	12/18/1990	< 50													******					
S-9	03/20/1991	70a	0.7	0.7	< 0.5	1										328.24				
S-9	06/26/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5										328.24				

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	09/05/1991	< 50	< 0.5	0.8	<0.5	< 0.5										328.24				
S-9	12/13/1991	<50	<0.5	< 0.5	<0.5	< 0.5			<u></u>							328.24	18.18	310.06		
S-9	03/11/1992	<30	< 0.3	< 0.3	< 0.3	< 0.3										328.24	17.37	310.87		
S-9	06/24/1992	<50	<0.5	<0.5	<0.5	< 0.5										328.24	18.45	309.79		
S-9	09/17/1992	<50	<0.5	<0.5	< 0.5	<0.5										328.24	17.88	310.36		
S-9	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5										328.24	17.34	310.90		
S-9	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5										328.24				
S-9	06/03/1993	<50	<0.5	< 0.5	<0.5	< 0.5										328.24				
S-9	09/15/1993															328.24	17.42	310.82		
S-9	12/09/1993	<50	<0.5	< 0.5	< 0.5	<0.5										328.24	16.89	311.35		·
S-9	03/04/1994	< 50	<0.5	< 0.5	< 0.5	< 0.5										328.24	17.22	311.02		
S-9	06/16/1994	< 50	<0.5	<0.5	< 0.5	< 0.5										328.24	17.46	310.78		
S-9	09/13/1994	< 50	< 0.5	< 0.5	< 0.5	< 0.5										328.24	17.59	310.65		
S-9	06/21/1995	<50	< 0.5	<0.5	< 0.5	< 0.5										328.24	17.03	311.21		
S-9	06/12/1996	<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5									328.24	16.76	311.48		
S-9	06/25/1997	< 50	< 0.50	< 0.50	< 0.50	< 0.50	2.8									328.24	16.89	311.35		1
S-9	06/19/1998	< 50	< 0.50	< 0.50	< 0.50	< 0.50	7.1	حند				,				328.24	15.59	312.65		3.8
S-9	06/17/1999	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	15.3									328.24	16.47	311.77		1.9
S-9	06/15/2000	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	57.2									328.24	16.11	312.13		1.1
S-9	11/29/2000	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	76.5									328.24	17.30	310.94		1.1
S-9	03/07/2001	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	84.9									328.24	19.42	308.82		1.1
S-9	06/18/2001	<50	< 0.50	< 0.50	< 0.50	< 0.50		86			-					328.24	17.22	311.02		
S-9	09/17/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		130								328.24	17.66	310.58		
S-9	12/31/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		120								328.24	17.65	310.59		
S-9	03/13/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		130								328.24	17.75	310.49		
S-9	06/18/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		160								328.24	19.59	308.65	****	
S-9	09/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		. 180								327.85	17.65	310.20		
S-9	12/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		. 180	< 50	<2.0	< 2.0	<2.0	2.8	< 2.0		327.85	18.45	309.40		
S-9	03/24/2003	<250	<2.5	<2.5	<2.5	< 5.0		230								327.85	17.97	309.88		
S-9	05/09/2003	<250	< 2.5	< 2.5	<2.5	< 5.0		240	<25							327.85	17.68	310.17		
S-9	07/08/2003	<250	< 2.5	<2.5	<2.5	< 5.0		250	<25							327.85	17.65	310.20		
S-9	10/15/2003	<100	<1.0	<1.0	<1.0	<2.0		210	<10							327.85	19.49	308.36		
S-9	01/06/2004	<100	<1.0	<1.0	<1.0	<2.0		290	<10							327.85	20.51	307.34		
S-9	04/07/2004	<100	<1.0	<1.0	<1.0	<2.0		250	<10							327.85	20.02	307.83		
S-9	07/27/2004	<250	< 2.5	9.1	2.7	9.8		270	<25	<10	<10	<10			<250	327.85	19.89	307.96	,	

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	10/29/2004	<100	<1.0	<1.0	<1.0	< 2.0		240	<10	<4.0	<4.0	<4.0			<100	327.85	19.17	308.68		
S-9	01/06/2005	<250	<2.5	<2.5	<2.5	< 5.0		340	<25	<10	<10	<10				327.85	19.65	308.20		
S-9	04/14/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50		250	< 5.0	< 0.50	< 0.50	1.4			< 5.0	327.85	17.38	310.47		
S-9	07/29/2005	<100	<1.0	<1.0	<1.0	< 2.0		250	<10	<4.0	<4.0	<4.0			<100	327.85	20.09	307.76		
S-9	10/20/2005	<100	<1.0	<1.0	<1.0	<2.0		200	<10	<4.0	<4.0	<4.0			<100	327.85	21.89	305.96		
S-9	11/11/2005	<100	<1.0	<1.0	<1.0	< 2.0		220	25							327.85	20.41	307.44		
S-9	01/26/2006	55.7	< 0.500	< 0.500	< 0.500	< 0.500		174	<10.0	< 0.500	< 0.500	2.50			<50.0	327.85	20.56	307.29		
S-9	04/24/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		202	<10.0	< 0.500	< 0.500	2.29			< 50.0	327.85	18.39	309.46		
S-9	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	<1.50		158	<10.0	< 0.500	< 0.500	2.06			<50.0	327.85	18.60	309.25		
S-9	10/20/2006	212	< 0.500	< 0.500	< 0.500	< 0.500		151	<10.0	< 0.500	< 0.500	1.25			<50.0	327.85	18.75	309.10		
S-9	01/22/2007	82 h	< 0.50	< 0.50	< 0.50	<1.0		150	20 g	<1.0	<1.0	1.4			<150	327.85	17.92	309.93		
S-9	04/13/2007	70 i,j	< 0.50	<1.0	<1.0	<1.0		140	26	<2.0	<2.0	1.0 k			<100	327.85	18.14	309.71		
S-9	07/09/2007	70 i,j	< 0.50	<1.0	<1.0	<1.0		120	<10	<2.0	<2.0	1.2 k			<100	327.85	18.37	309.48		
S-9	10/22/2007	59 i,j	< 0.50	<1.0	<1.0	<1.0	-	110	8.2 k	<2.0	<2.0	<2.0			<100	327.85	18.08	309.77		
S-9	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0		73	<10	<2.0	<2.0	<2.0			130	327.85	17.20	310.65		
S-9	04/11/2008	73	< 0.50	<1.0	<1.0	<1.0		55	<10	< 2.0	< 2.0	<2.0			<100	327.85	17.74	310.11		
S-9	07/29/2008	85	< 0.50	<1.0	<1.0	<1.0		45	<10	<2.0	<2.0	<2.0			230	327.85	18.33	309.52		
S-9	10/29/2008	58	< 0.50	<1.0	<1.0	<1.0		40	<10	<2.0	< 2.0	<2.0			<100	327.85	18.89	308.96		
S-9	01/21/2009	51	< 0.50	<1.0	<1.0	<1.0		35	<10	<2.0	< 2.0	<2.0			<100	327.85	18.21	309.64		
S-9	04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0		27	<10	<2.0	<2.0	<2.0			<100	327.85	17.48	310.37		
S-9	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		28	<10	<2.0	<2.0	<2.0	~		<100	327.85	18.60	309.25		
S-9	01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0	·	22	<10	<2.0	<2.0	<2.0			<100	327.85	19.18	308.67		
S-9	07/06/2010	< 50	< 0.50	<1.0	<1.0	<1.0		16	<10						<100	327.85	17.81	310.04		
S-9	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	1.8		13	<10	<1.0	<1.0	<1.0			<150	327.85	17.79	310.06		
S-9	07/20/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0	·	13	<10						<150	327.85	18.02	309.83		
S-9	01/06/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		12	<10	<1.0	<1.0	<1.0			<150	327.85	19.31	308.54		
S-9	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0		7.4	<10	< 0.50	<0.50	<0.50			<150	327.85	18.16	309.69		
S-9B	11/08/2005															330.47	43.12	287.35		
S-9B	11/11/2005	< 50	< 0.50	2.0	< 0.50	<1.0		23	< 5.0							330.47	45.25	285.22		
S-9B	01/26/2006	<50.0	< 0.500	1.68	< 0.500	< 0.500		20.6	<10.0	< 0.500	< 0.500	< 0.500			<50.0	330.47	38.19	292.28		
S-9B	04/24/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		10.5	<10.0	< 0.500	< 0.500	< 0.500			<50.0	330.47	30.31	300.16		
S-9B	07/12/2006	< 50.0	<0.500	< 0.500	< 0.500	<1.50		4.98	<10.0	< 0.500	< 0.500	< 0.500			<50.0	330.47	29.01	301.46		
S-9B	10/20/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		5.89	<10.0	< 0.500	< 0.500	< 0.500			<50.0	330.47	31.25	299.22		
S-9B	01/22/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0	and the same	4.9	<10	<1.0	<1.0	<1.0			<150	330.47	26.78	303.69		

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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9B	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		3.5	<10	<2.0	<2.0	<2.0			<100	330.47	23.51	306.96		
S-9B	07/09/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		3.0	<10	< 2.0	<2.0	<2.0			<100	330.47	30.15	300.32		
S-9B	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		5.8	<10	< 2.0	<2.0	<2.0			<100	330.47	28.44	302.03		
S-9B	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0		2.9	<10	< 2.0	< 2.0	<2.0			190	330.47	24.22	306.25		
S-9B	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0		3.1	<10	<2.0	<2.0	<2.0	·		<100	330.47	24.20	306.27		
S-9B	07/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		4.1	<10	< 2.0	<2.0	<2.0			<100	330.47	31.69	298.78	·	
S-9B	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		4.1	<10	<2.0	<2.0	<2.0	ar a-a-		<100	330.47	35.86	294.61		
S-9B	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		3.7	<10	<2.0	<2.0	<2.0			<100	330.47	31.31	299.16		
S-9B	04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0		3.1	<10	<2.0	<2.0	<2.0			<100	330.47	28.10	302.37		
S-9B	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		3.8	<10	<2.0	<2.0	<2.0			<100	330.47	33.76	296.71		
S-9B	01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0		4.7	<10	<2.0	<2.0	<2.0			<100	330.47	36.93	293.54		
S-9B	07/06/2010															330.47	34.49	295.98		
S-9B	01/21/2011	< 50	< 0.50	0.73	0.58	3.2		2.9	<10	<1.0	<1.0	<1.0			<150	330.47	35.85	294.62		
S-9B	07/20/2011					·										330.47	33.95	296.52		
S-9B	01/06/2012	<50	<0.50	< 0.50	< 0.50	<1.0		4.1	<10	<1.0	<1.0	<1.0			<150	330.47	35.40	295.07		
S-9B	01/04/2013	<50	< 0.50	< 0.50	< 0.50	<1.0		3.8	<10	< 0.50	<0.50	< 0.50			<150	330.47	45.16	285.31		
			•																	
S-9C	11/08/2005										 .					330.77	40.80	289.97		
S-9C	11/11/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		10	< 5.0							330.77	42.87	287.90		
S-9C	01/26/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		7.05	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	330.77	37.40	293.37		
S-9C	04/24/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		4.86	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	330.77	28.04	302.73		
S-9C	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	<1.50		1.94	<10.0	< 0.500	< 0.500	< 0.500			<50.0	330.77	28.96	301.81		
S-9C	10/20/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		1.06	<10.0	< 0.500	< 0.500	< 0.500			<50.0	330.77	30.47	300.30		
S-9C	01/22/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		0.64 k	<10	<1.0	<1.0	<1.0			<150	330.77	26.52	304.25		
S-9C	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		0.54 k	<10	<2.0	<2.0	<2.0			<100	330.77	23.70	307.07		
S-9C	07/09/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		0.34 k	<10	< 2.0	<2.0	<2.0			<100	330.77	30.28	300.49		
S-9C	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		0,33 k	<10	< 2.0	< 2.0	< 2.0			<100	330.77	17.03	313.74		
S-9C	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			150	330.77	24.20	306.57		
S-9C	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	330.77	24.25	306.52		
S-9C	07/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	< 2.0	<2.0			<100	330.77	31.55	299.22		
S-9C	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	330.77	35.54	295.23		
S-9C	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	330.77	31.11	299.66		
S-9C	04/16/2009	< 50	<0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	330.77	28.29	302.48		
S-9C	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	330.77	33.62	297.15		
S-9C -	01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	330.77	36.55	294.22		***

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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9C	07/06/2010															330.77	34.34	296.43		
S-9C	01/21/2011	< 50	< 0.50	1.0	0.79	4.2		<1.0	<10	<1.0	<1.0	<1.0			<150	330.77	35.59	295.18		
S-9C	07/20/2011							-						'		330.77	33.92	296.85		
S-9C	01/06/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	330.77	35.10	295.67		
S-9C	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0		<0.50	<10	<0.50	<0.50	<0.50	,		<150	330.77	44.46	286.31		
S-10	08/11/1989	< 50	< 0.5	<1	<1	<3				;-										
S-10	09/08/1989	< 50	< 0.5	<1	<1	<3														
S-10	12/15/1989	<50	< 0.5	< 0.5	< 0.5	<1														
S-10	03/06/1990	< 50	< 0.5	< 0.5	< 0.5	<1	·													
S-10	06/14/1990	< 50	< 0.5	< 0.5	< 0.5	<1														
S-10	10/02/1990	< 50	< 0.5	< 0.5	<0.5	1.0														
S-10	12/18/1990	< 50	< 0.5	< 0.5	< 0.5	1.4														
S-10	03/20/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5										326.55		· 		
S-10	06/26/1991	50	1.8	5.8	1.9	13										326.55				
S-10	09/05/1991	< 50	< 0.5	< 0.5	< 0.5	<0.5				,						326.55				
S-10	12/13/1991	< 50	< 0.5	< 0.5	< 0.5	< 0.5										326.55	14.77	311.78		
S-10	03/11/1992	<30	< 0.3	< 0.3	< 0.3	< 0.3			,							326.55	14.16	312.39		
S-10	06/24/1992	< 50	< 0.5	< 0.5	< 0.5	< 0.5										326.55	14.83	311.72		·
S-10	09/17/1992	< 50	< 0.5	< 0.5	< 0.5	< 0.5			'							326.55	13.85	312.70		
S-10	12/11/1992	< 50	< 0.5	< 0.5	< 0.5	< 0.5										326.55	13.90	312.65		
S-10	02/04/1993	<50	< 0.5	< 0.5	< 0.5	< 0.5										326.55				
S-10	06/03/1993	< 50	< 0.5	< 0.5	<0.5	< 0.5										326.55				
S-10	09/15/1993											·				326.55	13.66	312.89		
S-10	09/13/1994															326.55	13.84	312.71		
S-10	06/21/1995															326.55	13.08	313.47		
S-10	06/12/1996	< 50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5					·		-		326.55	13.34	313.21		
S-10	06/25/1997	< 50	< 0.50	< 0.50	< 0.50	< 0.50	2.8				·					326.55	13.28	313.27		2.4
S-10	06/19/1998	< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5									326.55	12.41	314.14		1.8
S-10	06/17/1999	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	<5.00									326.55	12.81	313.74		2.0
S-10	06/15/2000	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50									326.55	13.27	313.28		2.1
S-10	11/29/2000	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	<2.50									326.55	13.98	312.57		2.4
S-10	03/07/2001	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	<2.50									326.55	13.40	313.15		2.5
S-10	06/18/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		3.7								326.55	13.29	313.26		
S-10	09/17/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0				,				326.55	13.61	312.94		

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)		Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-10	12/31/2001	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0								326.55	13.48	313.07		
S-10	03/13/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0								326.55	14.66	311.89		
S-10	06/18/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0								326.55	14.59	311.96		
S-10	09/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0								325.87	13.21	312.66		
S-10	12/27/2002	<50	< 0.50	< 0.50	< 0.50	< 0.50	·	< 5.0	< 50	<2.0	<2.0	<2.0	<2.0	<2.0		325.87	13.50	312.37		
S-10	03/24/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 5.0								325.87	16.60	309.27		
S-10	05/09/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		1.7	< 5.0					,		325.87	13.07	312.80		
S-10	07/08/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		1.7	< 5.0							325.87	14.10	311.77		
S-10	10/15/2003	<50	< 0.50	< 0.50	< 0.50	<1.0		0.69	< 5.0							325.87	14.75	311.12		
S-10	01/06/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		0.51	< 5.0	***						325.87	15.28	310.59		
S-10	04/07/2004	<50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0			and the second second				325.87	15.39	310.48		
S-10	07/27/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0	<2.0	<2.0	<2.0			< 50	325.87	15.25	310.62		
S-10	10/29/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	<50	<2.0	<2.0	<2.0	·		< 50	325.87	15.23	310.64		
S-10	01/06/2005	<50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0	<2.0	<2.0	<2.0				325.87	15.47	310.40		
S-10	04/14/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 0.50	<5.0	< 0.50	< 0.50	< 0.50			< 5.0	325.87	13.24	312.63		
S-10	07/29/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0	<2.0	<2.0	< 2.0			< 50	325.87	15.08	310.79		
S-10	10/20/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	<5.0	< 2.0	<2.0	<2.0			< 50	325.87	15.45	310.42		
S-10	01/26/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	325.87	14.85	311.02		
S-10	04/24/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	325.87	13.90	311.97		·
S-10	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	<1.50		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			<50.0	325.87	13.00	312.87		
S-10	10/20/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			<50.0	325.87	13.15	312.72		
S-10	01/22/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	325.87	14.45	311.42		
S-10	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	325.87	15.49	310.38		
S-10	07/09/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0		· ,	<100	325.87	14.00	311.87		
S-10	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0	,	<1.0	<10	<2.0	<2.0	<2.0			<100	325.87	14.11	311.76		
S-10	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	325.87	14.08	311.79		
S-10	04/11/2008	<50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	< 2.0	<2.0			<100	325.87	14.38	311.49		
S-10	07/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	14	< 2.0	<2.0	<2.0			320	325.87	14.50	311.37		
S-10	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	325.87	14.80	311.07		
S-10	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	325.87	14.53	311.34		
S-10	04/16/2009	<50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	325.87	13.92	311.95		
S-10	07/09/2009	< 50	<0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	< 2.0	< 2.0			<100	325.87	14.84	311.03		
S-10	01/11/2010	<50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	325.87	14.35	311.52		·
S-10	07/06/2010															325.87	14.40	311.47		
S-10	01/21/2011	< 50	< 0.50	1.1	0.78	3.7		<1.0	<10	<1.0	<1.0	<1.0			<150	325.87	13.90	311.97		

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-10	07/20/2011															325.87	14.69	311.18		
S-10	01/06/2012	51	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	325.87	14.35	311.52		
S-10	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0		< 0.50	<10	< 0.50	< 0.50	<0.50			<150	325.87	14.33	311.54		
									•		•									
S-11	09/23/2002												·				16.93			
S-11	09/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0									16.95			
S-11	12/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0		327.48	16.40	311.08		
S-11	03/24/2003	<50	< 0.50	< 0.50	< 0.50	<1.0		< 5.0								327.48	17.25	310.23		, ~
S-11	05/09/2003	<50	< 0.50	< 0.50	< 0.50	<1.0		0.54	< 5.0							327.48	. 16.37	311.11		
S-11	07/08/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0							327.48	17.17	310.31		
S-11	10/15/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0							327.48	18.01	309.47		
S-11	01/06/2004	< 50	< 0.50	1.4	< 0.50	<1.0		1.1	< 5.0			***				327.48	18.25	309.23		
S-11	04/07/2004	<50	< 0.50	< 0.50	< 0.50	<1.0		1.4	< 5.0							327.48	18.48	309.00		
S-11	07/27/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		2.3	< 5.0	<2.0	<2.0	<2.0			<50	327.48	18.49	308.99		
S-11	10/29/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		9.7	< 5.0	<2.0	<2.0	<2.0			< 50	327.48	18.22	309.26		
. S-11	01/06/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		15	< 5.0	<2.0	<2.0	<2.0				327.48	18.07	309.41		
S-11	04/14/2005	<50	< 0.50	< 0.50	< 0.50	< 0.50		10	< 5.0	< 0.50	< 0.50	< 0.50			< 5.0	327.48	16.28	311.20		
S-11	07/29/2005	< 50	< 0.50	< 0.50	<0.50	<1.0		19	< 5.0	<2.0	<2.0	< 2.0		, ,	<50	327.48	17.98	309.50		
S-11	10/20/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0	<u>÷</u>	24	< 5.0	<2.0	<2.0	<2.0			< 50	327.48	18.45	309.03		
S-11	01/26/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		27.7	<10.0	< 0.500	< 0.500	< 0.500			<50.0	327.48	18.50	308.98		
S-11	04/24/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		41.0	<10.0	< 0.500	< 0.500	< 0.500			<50.0	327.48	16.61	310.87		
S-11	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	<1.50		33.3	<10.0	<0.500	< 0.500	< 0.500			<50.0	327.48	16.44	311.04		
S-11	10/20/2006	53.5	< 0.500	< 0.500	< 0.500	< 0.500		38.2	<10.0	<0.500	< 0.500	< 0.500			<50.0	327.48	16.61	310.87		
S-11	01/22/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		61	6.1 g,k	<1.0	<1.0	<1.0			<150	327.48	17.27	310.21		
S-11	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		60	<10	<2.0	<2.0	<2.0			<100	327.48	6.88	320.60		
S-11	07/09/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		59	<10	< 2.0	<2.0	<2.0		· · ·	<100	327.48	16.84	310.64		
S-11	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		60	6.2 k	<2.0	<2.0	<2.0			<100	327.48	17.11	310.37		
S-11	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0		52	<10	<2.0	<2.0	< 2.0			<100	327.48	16.85	310.63		
S-11	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0		36	<10	<2.0	<2.0	<2.0			<100	327.48	16.78	310.70		
S-11	07/29/2008	58	< 0.50	<1.0	<1.0	<1.0		31	<10	< 2.0	<2.0	<2.0		<u></u> '.	<100	327.48	17.31	310.17		
S-11	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		22	<10	< 2.0	<2.0	<2.0			<100	327.48	17.85	309.63		
S-11	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		20	<10	<2.0	<2.0	<2.0			<100	327.48	17.66	309.82		
S-11	04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0		20	<10	<2.0	<2.0	<2.0			<100	327.48	16.93	310.55		
S-11	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		17	<10	<2.0	<2.0	<2.0			<100	327.48	17.74	309.74		<u></u>
S-11	01/11/2010	<50	< 0.50	<1.0	<1.0	<1.0		13	<10	<2.0	<2.0	<2.0			<100	327.48	17.61	309.87		
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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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-11	07/06/2010															327.48	17.17	310.31		
S-11	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		11	<10	<1.0	<1.0	<1.0			<150	327.48	17.21	310.27		
S-11	07/20/2011															327.48	17.10	310.38	-	
S-11	01/06/2012	<50	< 0.50	< 0.50	< 0.50	<1.0		11	<10	<1.0	<1.0	<1.0			<150	327.48	18.18	309.30		
S-11	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0		9.1	<10	<0.50	<0.50	<0.50			<150	327.48	17.01	310.47		
S-12	09/23/2002						· 										14.74			
S-12	09/27/2002	< 50	< 0.50	< 0.50	< 0.50	< 0.50	·	< 5.0									17.95			
S-12	12/27/2002	<50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0	< 50	<2.0	<2.0	<2.0	<2.0	<2.0		322.76	16.92	305.84		
S-12	03/24/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		<5.0								322.76	16.53	306.23		
S-12	05/09/2003	<50	< 0.50	< 0.50	< 0.50	<1.0		1.5	< 5.0							322.76	17.73	305.03		
S-12	07/08/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		1.2	< 5.0							322.76	17.18	305.58		
S-12	10/15/2003	< 50	< 0.50	< 0.50	< 0.50	<1.0		1.1	< 5.0							322.76	17.54	305.22	-	
S-12	01/06/2004	<50	< 0.50	1.1	< 0.50	<1.0		1.1	< 5.0							322.76	17.45	305.31		<u></u> , -
S-12	04/07/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		0.76	< 5.0					'		322.76	16.85	305.91		
S-12	07/27/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		0.65	< 5.0	<2.0	<2.0	<2.0			< 50	322.76	17.89	304.87		
S-12	10/29/2004	<50 e	< 0.50	< 0.50	< 0.50	<1.0		1.3	< 5.0	<2.0	<2.0	<2.0			< 50	322.76	17.84	304.92		
S-12	04/14/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50		0.79	< 5.0	< 0.50	< 0.50	< 0.50			< 5.0	322.76	15.98	306.78	"	
S-12	07/29/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		0.69	< 5.0	<2.0	< 2.0	<2.0			< 50	322.76	17.32	305.44		
S-12	10/20/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		0.66	< 5.0	<2.0	< 2.0	<2.0		'	< 50	322.76	16.58	306.18		
S-12	01/26/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	322.76	15.94	306.82		
S-12	04/24/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		0.740	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	322.76	17.31	305.45		
S-12	07/12/2006	<50.0	< 0.500	< 0.500	< 0.500	<1.50		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	322.76	16.70	306.06		
S-12	10/20/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		0.520	<10.0	< 0.500	< 0.500	< 0.500			< 50.0	322.76	17.63	305.13		
S-12	01/22/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		0.70 k	<10	<1.0	<1.0	<1.0			<150	322.76	17.05	305.71		
S-12	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		0.70 k	<10	<2.0	<2.0	< 2.0			<100	322.76	17.12	305.64	•	
S-12	07/09/2007	51 i,j	< 0.50	<1.0	<1.0	<1.0		0.59 k	<10	<2.0	<2.0	< 2.0			<100	322.76	16.85	305.91		
S-12	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		0.92	<10	<2.0	<2.0	<2.0			<100	322.76	16.40	306.36		
S-12	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0		0.67 k	<10	<2.0	<2.0	<2.0			<100	322.76	16.50	306.26		
S-12	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	322.76	16.30	306.46		
S-12	07/29/2008	< 50	<0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			140	322.76	17.00	305.76		
S-12	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	322.76	17.61	305.15		
S-12	01/21/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	322.76	17.59	305.17		
S-12	04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	322.76	16.74	306.02		
S-12	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	322.76	17.25	305.51		

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)	1,2- DCA (μg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-12	01/11/2010	<50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	322.76	16.88	305.88		
S-12	07/06/2010															322.76	17.65	305.11		·
S-12	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	322.76	17.08	305.68		
S-12	07/20/2011										<u></u>					322.76	17.77	304.99		
S-12	01/06/2012	<50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	322.76	17.17	305.59		
S-12	01/04/2013	<50	<0.50	< 0.50	<0.50	<1.0		<0.50	<10	<0.50	<0.50	<0.50			<150	322.76	17.80	304.96		
S-14	11/08/2005															324.90	17.45	307.45	 ,	
S-14	11/11/2005	<50 e	< 0.50	< 0.50	< 0.50	<1.0		< 0.50	< 5.0							324.90	17.63	307.27		
S-14	04/24/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			<50.0	324.90	15.56	309.34		
S-14	07/12/2006															324.90	16.77	308.13		
S-14	10/20/2006	<50.0	0.560	1.08	< 0.500	0.630		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			<50.0	324.90	17.26	307.64		
S-14	01/22/2007															324.90	17.54	307.36		
S-14	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	324.90	17.10	307.80		
S-14	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	324.90	17.56	307.34		
S-14	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	< 2.0			<100	324.90	17.23	307.67		
S-14	07/29/2008															324.90	18.30	306.60		
S-14	10/29/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100	324.90	18.62	306.28		
S-14	04/16/2009	< 50	< 0.50	<1.0	<1.0	<1.0	,	<1.0	<10	<2.0	<2.0	< 2.0			<100	324.90	17.40	307.50		
S-14	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	324.90	18.46	306.44		
S-14	01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	< 2.0	<2.0	<2.0			<100	324.90	18.45	306.45		
S-14	07/06/2010															324.90	18.62	306.28		
S-14	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	1.6		<1.0	<10	<1.0	<1.0	<1.0			<150	324.90	17.80	307.10		
S-14	07/20/2011				'	-										324.90	18.19	306.71		
S-14	01/06/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150	324.90	19.91	304.99	`	
S-14	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0		<0.50	<10	< 0.50	< 0.50	<0.50	. <u></u>		<150	324.90	17.44	307.46		
S-15	04/24/2006	<50.0	< 0.500	<0.500	<0.500	< 0.500		<0.500	<10.0	< 0.500	<0.500	<0.500			<50.0		24.00			
S-15	07/12/2006					·											23.85			
S-15	10/20/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			<50.0		23.87			
S-15	01/22/2007		-														26.03			
S-15	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100		24.29			
S-15	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100		24.34			
S-15	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0		<1.0	<10	<2.0	<2.0	<2.0			<100		23.90			
S-15	07/29/2008																23.91			

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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-15	10/29/2008															·	24.02		· 	
S-15	04/16/2009	Insuffici	ent water	r													24.42			
S-15	07/09/2009	Insuffici															23.98	·		
S-15	01/11/2010	Insuffici															23.91			
S-15	07/06/2010	~~~															23.90		*****	
S-15	01/21/2011	Insufficie	ent water	r T													23.00			
S-15	07/20/2011																23.86			
S-15	01/06/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		<1.0	<10	<1.0	<1.0	<1.0			<150		23.91			
S-15	01/04/2013	Insuffic	ient wate	er	·											329.35	24.10	305.25		
SR-1	10/11/1989	200	100	<1	<10	10														
SR-1	12/14/1989	500	210	< 0.5	16	16														
SR-1	03/05/1990	64	20	< 0.5	1.5	4.0														
SR-1	06/14/1990	60	17	< 0.5	1.9	1.0														
SR-1	10/02/1990	< 50	5.0	< 0.5	< 0.5	< 0.5														
SR-1	12/18/1990	< 50	28	5:5	4.5	4.5														
SR-1	03/04/1994															329.78	16.34	313.44		
SR-1	06/16/1994															329.78	16.72	313.06		
SR-1	12/31/2001															329.78	15.31	314.47		
SR-1	04/07/2004															328.33	30.79	297.54		
SR-1	07/27/2004	< 500	< 5.0	< 5.0	< 5.0	11		44	3,000	<20	<20	<20			< 500	328.33	30.72	297.61		
SR-1	08/04/2004	62:	< 0.50	< 0.50	2.6	13										328.33	30.77	297.56		
SR-1	10/29/2004	< 500	< 5.0	< 5.0	<5.0	<10		11	1,400	<20	<20	<20			<500	328.33	30.85	297.48		
SR-1	01/06/2005	<250	<2.5	<2.5	6.8	31		20	2,800	<10	<10	<10				328.33	30.92	297.41		
SR-1	04/14/2005	170	12	< 0.90	11	1.5		190	2,200	< 0.90	< 0.90	< 0.90			<9.0	328.33	30.73	297.60		
SR-1	07/29/2005	<100	<1.0	<1.0	<1.0	3.7		7.6	1,500	<4.0	<4.0	<4.0			<100	328.33	24.53	303.80		
SR-1	10/20/2005	190	<1.0	<1.0	5.4	35		4.3	1,200	<4.0	<4.0	<4.0			<100	328.33	31.00	297.33		
SR-1	01/26/2006	<50.0	4.65	< 0.500	1.79	18.8		4.25	556	< 0.500	< 0.500	< 0.500			<50.0	328.33	30.89	297.44		
SR-1	04/24/2006	<50.0	2.76	< 0.500	1.36	< 0.500		42.8	180	< 0.500	< 0.500	< 0.500			<50.0	328.33	14.94	313.39		
SR-1	07/12/2006	<50.0	0.950	< 0.500	< 0.500	<1.50		3.24	. 171	< 0.500					< 50.0	328.33	14.71	313.62		
SR-1	10/20/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		< 0.500	<10.0	< 0.500	< 0.500	< 0.500			<50.0	328.33	15.84	312.49		
SR-1	01/22/2007	< 50	0.48 k	< 0.50	0.60	<1.0		0.70 k	46	<1.0	<1.0	<1.0			<150	328.33	15.25	313.08		
SR-1	04/13/2007	61 i	0.43 k	<1.0	0.26 k	<1.0		9.4	62	<2.0	<2.0	<2.0			<100	328.33	14.78	313.55		
SR-1	07/09/2007	<50 i	0.44 k	<1.0	0.69 k	<1.0		3.5	19	<2.0	<2.0	<2.0			<100	328.33	14.44	313.89		
SR-1	10/22/2007	<50 i	< 0.50	<1.0	0.56 k	<1.0		9.6	31	<2.0	<2.0	< 2.0			<100	328.33	15.31	313.02		

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (μg/L)	X (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (μg/L)	DIPE (μg/L)	ETBE (μg/L)	TAME (μg/L)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (μg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-1	01/09/2008	53 i	< 0.50	<1.0	3.5	2.6		5.6	12	< 2.0	< 2.0	< 2.0		<u></u>	<100	328.33	14.39	313.94		
SR-1	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0		4.7	16	<2.0	<2.0	< 2.0			<100	328.33	15.00	313.33		
SR-1	07/29/2008	100	< 0.50	<1.0	1.7	<1.0		4.4	23	<2.0	<2.0	<2.0			<100	328.33	15.70	312.63		
SR-1	10/29/2008	54	< 0.50	<1.0	<1.0	<1.0		8.3	61	<2.0	<2.0	<2.0	٠		<100	328.33	16.05	312.28		
SR-1	01/21/2009	68	< 0.50	<1.0	<1.0	<1.0		26	310	< 2.0	<2.0	<2.0			<100	328.33	15.02	313.31		
SR-1	04/16/2009	62	< 0.50	<1.0	<1.0	<1.0		8.0	38	< 2.0	<2.0	< 2.0			<100	328.33	14.69	313.64		
SR-1	07/09/2009	87	< 0.50	<1.0	<1.0	<1.0		26	150	<2.0	<2.0	<2.0			<100	328.33	15.91	312.42		
SR-1	01/11/2010	< 50	< 0.50	<1.0	<1.0	<1.0		12	230	<2.0	<2.0	<2.0			<100	328.33	15.25	313.08		
SR-1	07/06/2010	<50	< 0.50	<1.0	<1.0	<1.0		15	300		****				<100	328.33	15.28	313.05		
SR-1	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		3.2	85	<1.0	<1.0	<1.0			<150	328.33	15.02	313.31		
SR-1	07/20/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		8.3	180				·		<150	328.33	15.42	312.91		
SR-1	01/06/2012	<50	< 0.50	< 0.50	< 0.50	<1.0	·	2.4	60	<1.0	<1.0	<1.0			<150	328.33	16.56	311.77		
SR-1	01/04/2013	59	< 0.50	<0.50	<0.50	<1.0		4.4	160	< 0.50	< 0.50	< 0.50			<150	328.33	14.39	313.94		
															-					
SR-2	10/11/1989	880	<10	1.0	29	33														
SR-2	12/14/1989	1100	17	< 0.5	100	67							,							
SR-2	03/05/1990	140	3.0	< 0.5	12	7.0	·												<u></u> ·	
SR-2	06/14/1990	< 50	<0.5	< 0.5	2.6	<1	-													
SR-2	10/02/1990	< 50	< 0.5	< 0.5	0.5	< 0.5														
SR-2	12/18/1990	< 50	1.6	1.4	1.6	2.7														
SR-2	03/04/1994															328.35	14.39	313.96		
SR-2	06/16/1994															328.35	14.48	313.87		
SR-2	12/31/2001												,			328.35	13.62	314.73		
SR-2	09/27/2002	<1,000	<10	<10	<10	<10		5,000								327.91	14.20	313.71		
SR-2	12/27/2002	<1,000	<10	<10	<10	<10		4,800	1,600	<10	<10	<10	<10	<10		327.91	13.33	314.58	<10	
SR-2	03/24/2003	<5,000	< 50	< 50	< 50	<100		10,000								327.91	13.75	314.16		
SR-2	05/09/2003	<5,000	< 50	<50	80	290	··	13,000	6,100							327.91	13.40	314.51		
SR-2	07/08/2003	<5,000	< 50	< 50	< 50	<100		12,000	4,800							327.31	30.48	296.83		
SR-2	10/15/2003	< 500	<5.0	< 5.0	< 5.0	20		1,200	9,800							327.31	15.38	311.93		
SR-2	01/06/2004	<1,300	<13	<13	<13	<25		500	17,000							327.31	31.47	295.84		
SR-2	04/07/2004	<1,300	<13	<13	<13	<25		280	10,000	'						327.31	31.54	295.77		
SR-2	07/27/2004	<1,300	<13	<13	<13	<25		63	9,500	< 50	< 50	< 50	-		<1,300	327.31	31.35	295.96		
SR-2	10/29/2004	<1,300	<13	<13	<13	<25		47	7,600	< 50	< 50	< 50			<1,300	327.31	30.50	296.81		
SR-2	01/06/2005	<1,300	<13	<13	<13	<25		23	6,000	< 50	< 50	< 50				327.31	31.38	295.93		
SR-2	04/14/2005	<150	<1.5	<1.5	<1.5	1.7		. 27	6,300	<1.5	<1.5	<1.5			<15	327.31	31.28	296.03		

1	Well ID	Date	TPHg (μg/L)	Β (μg/L)	T (μg/L)	E (μg/L)	X (μg/L)	MTBE 8020 (μg/L)	MTBE 8260 (μg/L)	TBA (μg/L)	DIPE (μg/L)	ETBE (μg/L)	TAME (μg/L)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
	SR-2	07/29/2005	< 500	< 5.0	<5.0	<5.0	<10		14	5,400	<20	<20	<20			< 500	327.31	22.71	304.60		
	SR-2	10/20/2005	< 500	< 5.0	< 5.0	< 5.0	<10		< 5.0	3,600	<20	<20	<20			< 500	327.31	31.31	296.00		
	SR-2	01/26/2006	<50.0	< 0.500	< 0.500	1.56	7.72		6.37	1,620	< 0.500	< 0.500	< 0.500			<50.0	327.31	31.60	295.71		
	SR-2	04/24/2006	<50.0	< 0.500	< 0.500	< 0.500	< 0.500		13.1	544	< 0.500	< 0.500	< 0.500			<50.0	327.31	12.86	314.45		
	SR-2	07/12/2006	<50.0	0.950	<0.500	< 0.500	<1.50		3.00	941	< 0.500	< 0.500	< 0.500			<50.0	327.31	12.65	314.66		
	SR-2	10/20/2006	96.0	< 0.500	< 0.500	< 0.500	< 0.500		9.56	881	< 0.500	< 0.500	< 0.500			< 50.0	327.31	14.10	313.21		
	SR-2	01/22/2007	< 50	< 0.50	< 0.50	< 0.50	<1.0		2.8	1,100	<1.0	<1.0	<1.0			<150	327.31	13.47	313.84		
	SR-2	04/13/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		6.9	520	<2.0	<2.0	<2.0			<100	327.31	12.89	314.42	,	
	SR-2	07/09/2007	58 i,j	0.14 k	<1.0	<1.0	<1.0		21	720	<2.0	<2.0	<2.0			<100	327.31	12.03	315.28		
	SR-2	10/22/2007	<50 i	< 0.50	<1.0	<1.0	<1.0		2.0	69	<2.0	<2.0	<2.0			<100	327.31	13.51	313.80	<u></u>	
	SR-2	01/09/2008	<50 i	0.17 M	<1.0	<1.0	<1.0		8.7	100	<2.0	<2.0	<2.0			<100	327.31	13.63	313.68		
	SR-2	04/11/2008	< 50	< 0.50	<1.0	<1.0	<1.0		8.3	280	<2.0	<2.0	<2.0			<100	327.31	13.21	314.10		
	SR-2	07/29/2008	<50	< 0.50	<1.0	<1.0	<1.0		1.2	22	<2.0	<2.0	<2.0			<100	327.31	14.81	312.50		
	SR-2	10/29/2008	<50	< 0.50	<1.0	<1.0	<1.0	`	1.6	21	<2.0	<2.0	<2.0			<100	327.31	15.10	312.21		
	SR-2	01/21/2009	<50	< 0.50	<1.0	<1.0	<1.0		1.6	70	<2.0	<2.0	<2.0			<100	327.31	12.79	314.52		
	SR-2	04/16/2009	<50	< 0.50	<1.0	<1.0	<1.0		2.3	73	<2.0	<2.0	<2.0			<100	327.31	12.64	314.67		
	SR-2	07/09/2009	< 50	< 0.50	<1.0	<1.0	<1.0	,	4.0	63	<2.0	< 2.0	<2.0	:		<100	327.31	14.07	313.24		
	SR-2	01/11/2010	83	< 0.50	<1.0	<1.0	<1.0		4.8	220	<2.0	< 2.0	<2.0			<100	327.31	13.04	314.27		
٠	SR-2	07/06/2010	2100	28	<2.0	21	<2.0		38	820						<200	327.31	14.43	312.88		
	SR-2	07/06/2010		****													327.31	13.19	314.12		·
	SR-2	01/21/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		1.3	53	<1.0	<1.0	<1.0		'	<150	327.31	13.04	314.27		
	SR-2	07/20/2011															327.31	13.44	313.87		
	SR-2	01/06/2012	< 50	< 0.50	< 0.50	< 0.50	<1.0		1.4	36	<1.0	<1.0	<1.0			<150	327.31	14.25	313.06		
	SR-2	01/04/2013	< 50	< 0.50	<0.50	< 0.50	<1.0		1.1	<10	<0.50	<0.50	< 0.50			<150	327.31	12.30	315.01		
		· ·																			
	SR-3	12/11/1989	500	92	10	43	100														- -
	SR-3	12/14/1989	2,400	310	27	170	340														
	SR-3	03/05/1990	<i>7</i> 0	15	0.8	5.8	10														
	SR-3	06/14/1990	470	59	2.3	35	50														
	SR-3	10/02/1990	1,700	91	6.2	7.0	100														
	SR-3	12/18/1990	140	10	0.8	<i>7</i> .5	14	,													
٠	SR-3	03/04/1994															329.11	14.66	314.45		
	SR-3	06/16/1994							·								329.11	14.96	314.15		
	SR-3	12/31/2001											· ,				329.11	13.60	315.51		
	SR-3	09/27/2002	<2,500	<25	<25	<25	<25		11,000			·					328.65	14.75	313.90		

Well ID	Date	TPHg (µg/L)	Β (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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-3	12/27/2002	<2,000	<20	<20	<20	<20		5,100	4,600	<20	<20	<20	<20	<20		328.65	13.65	315.00		
SR-3	03/24/2003	<2,500	<25	<25	<25	<50		3,700								328.65	13.52	315.13		
SR-3	05/09/2003	<1,000	15	<10	19	48		3,700	8,400							328.65	12.15	316.50		
SR-3	07/08/2003	<1,000	<10	<10	<10	<20		2,800	8,300							327.50	30.00	297.50		
SR-3	10/15/2003	310	3.2	<2.5	9.1	30		240	3,600							327.50	15.39	312.11		
SR-3	01/06/2004	< 500	< 5.0	<5.0	< 5.0	<10		26	3,300					-		327.50	30.29	297.21		
SR-3	04/07/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		4.4	370							327.50	15.49	312.01		
SR-3	07/27/2004	< 50	< 0.50	< 0.50	< 0.50	<1.0		9.0	390	<2.0	<2.0	<2.0			< 50	327.50	15.34	312.16		
SR-3	10/29/2004	<100	<1.0	<1.0	<1.0	< 2.0		15	780	<4.0	<4.0	<4.0			<100	327.50	15.22	312.28		
SR-3	01/06/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		6.3	250	<2.0	<2.0	< 2.0				327.50	15.08	312.42		
SR-3	04/14/2005	58	0.76	< 0.50	1.5	< 0.50		46	2,200	< 0.50	< 0.50	< 0.50			< 5.0	327.50	30.53	296.97		
SR-3	07/29/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		6.7	490	<2.0	<2.0	<2.0			< 50	327.50	21.81	305.69		
SR-3	10/20/2005	< 50	< 0.50	< 0.50	< 0.50	<1.0		3.3	76	< 2.0	<2.0	<2.0			< 50	327.50	29.19	298.31		,
SR-3	01/26/2006	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		3.34	84.9	< 0.500	< 0.500	< 0.500			<50.0	327.50	31.00	296.50		
SR-3	04/24/2006	< 50.0	1.67	< 0.500	0.640	< 0.500		36.4	315	< 0.500	< 0.500	< 0.500			<50.0	327.50	12.42	315.08		
SR-3	07/12/2006	<50.0	0.950	< 0.500	< 0.500	<1.50		9.73	724	< 0.500	< 0.500	< 0.500			<50.0	327.50	12.75	314.75		
SR-3	10/20/2006	73.3	< 0.500	< 0.500	< 0.500	< 0.500		5.64	847	< 0.500	< 0.500	< 0.500			<50.0	327.50	13.93	313.57		
SR-3	01/22/2007	56	<2.0	<2.0	<2.0	<4.0		5.6	1,300	<4.0	<4.0	<4.0			<600	327.50	13.31	314.19		
SR-3	04/13/2007	66 i,j	< 5.0	<10	<10	<10		16	2,400	<20	<20	<20			<1,000	327.50	13.61	313.89		
SR-3	07/09/2007	150 i,j	0.97	<1.0	0.33 k	<1.0		19	1,300	<2.0	<2.0	<2.0			<100	327.50	11.87	315.63		
SR-3	10/22/2007	51 i	< 0.50	<1.0	<1.0	<1.0		8.3	950	< 2.0	<2.0	<2.0			<100	327.50	13.40	314.10		·
SR-3	01/09/2008	<50 i	< 0.50	<1.0	<1.0	<1.0		5.2	610	<2.0	<2.0	<2.0			<100	327.50	13.61	313.89		
SR-3	04/11/2008	66	< 0.50	<1.0	<1.0	<1.0		9.3	830	<2.0	<2.0	<2.0			<100	327.50	14.11	313.39		
SR-3	07/29/2008	60	< 0.50	<1.0	<1.0	<1.0		7.1	570	<2.0	<2.0	<2.0			<100	327.50	14.85	312.65		·
SR-3	10/29/2008	52	< 0.50	<1.0	<1.0	<1.0		4.6	390	<2.0	< 2.0	<2.0			<100	327.50	14.94	312.56		
SR-3	01/21/2009	320	4.0	<1.0	1.8	<1.0		11	760	<2.0	<2.0	<2.0			<100	327.50	12.47	315.03		
SR-3	04/16/2009	80	0.59	<1.0	<1.0	<1.0		5.8	320	<2.0	<2.0	<2.0			<100	327.50	12.49	315.01		
SR-3	07/09/2009	54	< 0.50	<1.0	<1.0	<1.0		4.5	250	<2.0	<2.0	<2.0			<100	327.50	13.87	313.63		
SR-3.	01/11/2010	190	1.7	<1.0	<1.0	<1.0		7.2	390	<2.0	<2.0	<2.0			<100	327.50	12.73	314.77		
SR-3	07/06/2010	100	< 0.50	<1.0	<1.0	<1.0		2.3	110						<100	327.50	13.14	314.36		
SR-3	01/21/2011	63	< 0.50	< 0.50	<0.50	<1.0		1.8	85	<1.0	<1.0	<1.0			<150	327.50	12.74	314.76		**
SR-3	07/20/2011	< 50	< 0.50	< 0.50	< 0.50	<1.0		1.4	63 .			,			<150	327.50	13.28	314.22		
SR-3	01/06/2012	<50	< 0.50	<0.50	< 0.50	<1.0		1.3	23	<1.0	<1.0	<1.0			<150	327.50	14.53	312.97		
SR-3	01/04/2013	110	< 0.50	<0.50	<0.50	<1.0		1.4	62	< 0.50	< 0.50	<0.50			<150	327.50	11.91	315.59		

Well ID	Date	TPHg (µg/L)	Β (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)	1,2- DCA (μg/L)	EDB (μg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
T-1	06/18/2002	<5,000	< 50	< 50	< 50	< 50		20,000		•							12.31			
T-2	09/17/2001	<5,000	<25	<25	<25	<25		29,000								·	11.48			
T-2	12/31/2001	<5,000	< 50	< 50	< 50	< 50		31,000							·		4.96			
T-2	03/13/2002	<5,000	< 50	< 50	< 50	< 50		48,000									9.76			
T-2	06/18/2002	<20,000	<200	<200	<200	<200		100,000									12.58			·
T-2	09/27/2002	240	0.55	2.8	1.8	2.6		39	·								8.15			
T-2	12/27/2002	2,100	7.8	17	< 0.50	11		790	1,200	<2.0	< 2.0	2.7	<2.0	<2.0			6.75			
T-2	03/24/2003	550	<2.5	<2.5	<2.5	< 5.0		310		'							11.68			
T-2	05/09/2003	220	0.66	0.55	< 0.50	1.8		100	92								6.40			
T-2	07/08/2003	< 500	13	7.4	< 5.0	22		990	120								8.16			
T-2	10/15/2003	220 d	<0.50	< 0.50	< 0.50	<1.0		13	23				***				11.15			
T-2	01/06/2004	710	< 0.50	< 0.50	< 0.50	1.2		14	9.2								9.10			
T-2	04/07/2004	570 d	5.4	< 0.50	< 0.50	1.2		5.6	11								10.54			
T-2	07/27/2004	270	17	1.2	< 0.50	2.0		2.9	7.9	<2.0	<2.0	<2.0			< 50		9.89			
T-2	10/29/2004	180	< 0.50	< 0.50	< 0.50	<1.0		4.2	23	< 2.0	<2.0	<2.0			< 50		9.42			
T-2	01/06/2005	1,100	0.83	< 0.50	< 0.50	3.5		3.0	12	< 2.0	<2.0	<2.0					7.98			
									•								*			
T-3	06/18/2002														<u></u> .		Dry			·
T-4	06/18/2002	<10,000	<100	<100	<100	<200		97,000									13.50			,
T-4	12/27/2002	550	5.3	16	0.60	39		140	120	<2.0	<2.0	<2.0	<2.0	<2.0			7.65			
T-4	03/24/2003	1,400	< 0.50	1.0	1.2	3.6		15		-			,				12.88			
T-4	05/09/2003	< 50	< 0.50	< 0.50	< 0.50	1.6		14	5.2						-		7.59			
T-4	07/08/2003	730	26	8.9	10	19		1,000	150								9.33	· 		
T-4	10/15/2003	1,200	15	6.1	2.8	11		310	980								11.80			
T-4	01/06/2004	68	1.1	< 0.50	< 0.50	<1.0		12	<5.0				'				9.78			
T-4	04/07/2004	1,600	5.1	0.57	< 0.50	2.3		6.1	<5.0								11.15			
T-4	07/27/2004	590	5.3	0.83	0.52	2.2		4.8	7.5	<2.0	<2.0	<2.0			< 50		10.93			
T-4	10/29/2004	83	< 0.50	< 0.50	< 0.50	<1.0		1.2	< 5.0	<2.0	<2.0	<2.0			<50		10.06			·
T-4	01/06/2005	430 f	< 0.50	< 0.50	< 0.50	<1.0		9.6	< 5.0	<2.0	<2.0	<2.0					8.69			
C 1	05/00/2002							<u>a</u>								331.33	28.50	302.83		
C-1	05/09/2003					***										331.33	28.50	302.83		
C-1	07/08/2003															331.33	28.52	302.81		
C-1	10/15/2003												- 			331.33	28.21	303.12		
C-1	01/06/2004															551.55	40.41	303.12		

	,						MTBE	MTBE					1,2-				Depth to	GW	SPH	DO
Well ID	Date	TPHg	В	T	E	\boldsymbol{X}	8020	8260	TBA	DIPE	ETBE	TAME	DCA	EDB [*]	Ethanol	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)	(μg/L)	(μg/L)	(μg/L)	(ft MSL)	(ft TOC)	(ft MSL)	(ft)	(mg/L)
	04 (05 (0004												-			331.33	28.54	302.79		
C-1	04/07/2004															331.33	28.58	302.75		
C-1	07/27/2004														÷	331.33	28.58	302.75		
C-1	10/29/2004															331.33	28.55	302.78		
C-1	01/06/2005															331.33	28.55	302.78		
C-1	04/14/2005															331.33	28.54	302.79		
C-1	07/29/2005															331.33	31.11	300.22		
C-1	10/20/2005															331.33	31.11	300.22		
C-1	01/26/2006															331.33	32.07	299.26		
C-1	04/24/2006																29.30	302.03		
C-1	07/12/2006															331.33		299.69		
C-1	10/20/2006															331.33	31.64			
C-1	01/22/2007															331.33	30.03	301.30 301.12		
C-1	04/13/2007															331.33	30.21			
C-1	07/09/2007															331.33	33.38	297.95		
C-1	10/22/2007		·													331.33	33.18	298.15		
C-1	01/09/2008															331.33	28.21	303.12		·
C-1	04/11/2008															331.33	33.52	297.81		
C-1	07/29/2008														·	331.33	30.91	300.42		
C-1	10/29/2008											·				331.33	31.02	300.31		
C-1	01/21/2009															331.33	30.54	300.79		
C-1	04/16/2009															331.33	30.61	300.72		
C-1	07/09/2009															331.33	30.74	300.59		
C-1	01/11/2010						·						,			331.33	30.83	300.50		
C-1	07/06/2010	920	230	<5	150	150										331.33	30.92	300.41		
C-1	01/21/2011		·													331.33	34.46	296.87		
C-1	07/20/2011															331.33	30.82	300.51		
C-1	01/06/2012															331.33	30.97	300.36		
C-1	01/04/2013									• •						331.33	30.38	300.95		

Notes:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8015 unless otherwise noted.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether analyzed by method noted

TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B

DIPE = Di-isopropyl ether analyzed by EPA Method 8260B

							MTBE	MTBE					1,2-				Depth to	GW	SPH	DO
Well ID	Date	TPHg	В	T	E	X	8020	8260	TBA	DIPE	ETBE	TAME	DCA	EDB	Ethanol	TOC	Water	Elevation	Thickness	Reading
		(μg/L)	(μg/L)	(μg/L)	(μg/L)	(ft MSL)	(ft TOC)	(ft MSL)	(ft)	(mg/L)										

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane analyzed by EPA Method 8260

EDB = 1,2-dibromoethane analyzed by EPA Method 8260

Ethanol analyzed by EPA Method 8260.

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

GW = Groundwater

SPH = Separate-phase hydrocarbons

DO = Dissolved oxygen

 μ g/L = Micrograms per liter

ft = Feet

MSL = Mean sea level

mg/L = Milligrams per liter

- < x =Not detected at reporting limit x
- --- = Not analyzed or not available
- (D) = Duplicate sample
- a = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.
- b = Analyzed outside of the EPA recommended holding time.
- c = Samples for wells S-6 and S-7 may have been switched.
- d = Hydrocarbon does not match pattern of laboratory's standard.
- e = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
- f = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
- g = Due to the low levels of analyte found in the sample, the analyte was qualitatively identified based on the compound's retention time and the presence of a single mass ion.
- h = Hydrocarbon result partly due to individual peak(s) in quantitation range.
- i = Analyzed by EPA Method 8015B (M).
- j = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
- k = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

Corrected groundwater elevation when SPHs are present = TOC - Depth to Water + (0.8 x Hydrocarbon Thickness).

Well T-2 is a backfill well.

Beginning September 23, 2002 depth to water referenced to TOC

All wells except S-11, S-12, and T-1 through T-4 surveyed March 11, 2002 by Virgil Chavez Land Surveying

Survey data for wells S-11 and S-12 provided by Cambria Environmental Technology, Inc.

TABLE 1

GROUNDWATER DATA SHELL-BRANDED SERVICE STATION 3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

	•						MTBE	MTBE					1,2-				Depth to	GW	SPH	DO
Well ID	Date	TPHg	В	T	E	\boldsymbol{X}	8020	8260	TBA	DIPE	ETBE	TAME	DCA	EDB	Ethanol	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)	(μg/L)	(μg/L)	(μg/L)	(ft MSL)	(ft TOC)	(ft MSL)	(ft)	(mg/L)

C-1 surveyed March 18, 2003 by Virgil Chavez Land Surveying
Wells SR-1, SR-2, and SR-3 surveyed September 22, 2003 by Virgil Chavez Land Surveying
4Q05 survey data for wells S-5B, S-5C, S-9B, S-9C, and S-14 provided by Delta Environmental Consultants, Inc.
Well S-15 surveyed April 20, 2012 by Virgil Chavez Land Surveying

APPENDIX A

BLAINE TECH SERVICES, INC. - FIELD NOTES

WELL GAUGING DATA

Project #_	120510-	- P412	_ Date	5/0/12	Client	shell	,	
Site	<u>3190</u>	Hopya	2 /2	J. Pleasa	with the	· -		

	1		1				·	·	1	
		Well		Depth to	Thickness of	Volume of Immiscibles			Survey	
		Size	Sheen /	Immiscible	Immiscible	Removed	Depth to water	Denth to well	Point: TOB or	A.Z
Well ID	Time	(in.)	Odor	Liquid (ft.)	Liquid (ft.)	(ml)	(ft.)	bottom (ft.)	FOC	Notes
									1	, A 1
5-6	1130	3					15.32	34.30	J	Troofic
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		CAAAAA	171 VY .CJ.KJ.ZJ. 171 C	THE CHAING D	ALAOREEL	•
BTS#: \	70510-	PH2_		Site: 9899	75842	
Sampler:	PH		.·· «		10/12	,
Well I.D.:	5-6		·	Well Diameter	: 2 3 4	6 8
Total Well	Depth (TD	): 34	(, 30 ·	Depth to Wate	r (DTW): 15.	some some
Depth to Fr	,,,,				Free Product (fe	
Referenced	to:	(PVC)	Grade	D.O. Meter (if	req'd):	YSI HACH
DTW with	80% Rech	arge [(H	leight of Water	Column x 0.20	) + DTW]: \9	y de do
Purge Method:	\	ailer Displaceme	4:	Waterra Peristaltic ction Pump	Sampling Method: Other:	Bailer  Disposable Bailer  Extraction Port  Dodicated Tubing
7.5 ( 1 Case Volume		ろ fied Volun	= 200 Calculated Vo	Gals. 1"	0.04 4" 0.16 6" 0.37 Othe	0.65 1.47
Time	Temp (°F)	pН	Cond. (mS or (is))	Turbidity (NTUs)	Gals. Removed	Observations
1140	70.4	67	2140	>1000	7	·
1146	69,9	6.8	2110	>1000	A Company of the Comp	
1153	70.7	6.8	2091	21990	Z.	TW 22-56
·	*			71	·	
			••	į		
Did well de	water?	Yes	NO	Gallons actual	ly evacuated:	
Sampling D	ate: 5/4	0/2_	Sampling Time	e: 1700	Depth to Wate	r: 18.80
Sample I.D.	: 5-6			Laboratory:	Test America	Other
Analyzed fo	r: TPH-G	втех	MTBE TPH-D	Oxygenates (5)	Other: See	Sold
EB I.D. (if a	applicable)	• :·	@ Time	Duplicate I.D.	(if applicable):	
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:	
D.O. (if req'	d): Pr	e-purge:	CHINA CHARLES AND	^{mg} / _L F	ost-purge:	mg/ _L
O.R.P. (if re	a'd): Pr	e-purge:		mV F	ost-purge:	mV

INCIDENT#	9899	de la	Ld"	9
	the state of the	23 B	45.6 6	Carlot A

DATE: 5/10/12

ADDRESS 3790 Hoppard Rd

CITY & STATE

Pleasanton, CA

Well ID		y Gover,	Type, C	ndition		Well L Pai	vations I abeled / nted perly*	Wel (Gri	Ival  Cap oper) Sition	Well-I	ock Co	ndition	Sui	Pad / face dition	Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	, v	tos of /ell dition	Repair Date and PM Initials
5-6	Standpipe	(Flush)	<b>©</b>	Р	Size (inch)	<u>(1)</u>	N	<b>(</b>	R	<b>©</b>	R	NL	<b>6</b>	Р		Υ	(3)	
	Standpipe	Flush	G	Þ	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	
	Standpipe	Flush	G	Р	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R.	G	R	NL	G	P		Υ	N	
	Standpipe	Flush	G	P	Size (inch)	Υ	N	G	R	G	R	NL	G	Р		Y	N	
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	R	NL	G	Р		Υ	N	
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	R	NŁ.	G	P		Υ	N	
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	R	NL	G	Р		Υ	N	
	Standpipe	Flush	G	Р	Size (inch)	γ	N	G	R	G	R	NL	G	P		Υ	N	
	Standpipe	Flush	G	Р	Size (Inch)	Y	N	G	R	G	R	NL	G	P		Υ	N	
					TOTA	L#CAP	S REPLA	CED =	0		3	= TOTA	L#OFL	OCKS RI	EPLACED			
Condition of Abando	Soil Boring P oned Monitori		G	Р	(NA)	JI P	OOR Bor	ings/Well	IDs of Lo	cation De	scription:					Υ	$\bigcirc$	
(Check bo	n Compound oxes that app		Condi	tion of En	closure		on at Are. Enclosure		Com	pound Se	curity	Emerg	ency Coni Visible	act Info	Cleaning / Repairs Recommended and Conducted		os of dition	Repair Oate a . PM initials
Buildi Building w/ Fe Fenced Cor Traile	ng nce Comp. mpound		G	Р	N/A	G	P	N/A	G	Р	N/A	Y	N	N/A		Y	(M)	
Number of Drums On-site	Does the l	Label Rev of the Cor			ed Correcti riting Legib		Dri	ım Condit	îoń		Drums ed to imental		Located ass Interf		Detailed Explanation of Any Issues Resolved		os of um dition	Date Drums Removed from Site and PM initials
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Υ	N	Y	N	N/A		Υ	(N)	

G = Good (Acceptable)

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

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

Proje	ect # _170	706-5 FJ		_ Date 7/6/17		Client	Shell	
	·.							
Site	3790	Homewood	$\mathbb{Q}_d$	Plentariber	DA			

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					Thickness	Volume of			Survey	
		Well	1	Depth to	of	Immiscibles			Point:	
		Size	Sheen/	Immiscible	Immiscible	Removed	Depth to water	Depth to well	TOB or	
Well ID	Time	(in.)	Odor	Liquid (ft.)	Liquid (ft.)	(ml)	(ft.)	bottom (ft.)	TOC	Notes
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-		SIEELE		TATE ARTERIAL TA	AIAORDUI	
BTS #: 12	20706-S	; KZ		Site: 3790 Hop	yard Red	
Sampler:	SK			Date: 7/6/17		
Well I.D.:	5-6			Well Diameter	-30%	6 8
Total Well I	Depth (TD	): 32	1.30	Depth to Water	r (DTW): 15	.29
Depth to Fro	ee Product			Thickness of F	ree Product (fee	et):
Referenced	to:	(FVC)	Grade	D.O. Meter (if	req'd):	YSI HACH
DTW with	80% Recha	arge [(F	Height of Water	Column x 0.20	) + DTW]: i '	9.09
Purge Method:	Bailer Disposable Ba Positive Air D Electric Subm	Displaceme		Waterra Peristaltic ction Pump	Sampling Method: Other:	Disposable Bailer Extraction Port Dedicated Tubing
		7	- " "	Well Diamete	er Multiplier Well I 0.04 4"	Diameter Multiplier 0.65
}	Gals.) X	amamanasan	$= 2\sqrt{50}$	Gals. 2"	0.16 6" 0.37 Other	1.47
1 Case Volume	Specii	fied Volum		olume	**************************************	
Time	Temp (°F)	pН	Cond. (mS or (uS)	Turbidity (NTUs)	Gals. Removed	Observations
0946	68,9	7.0	1699	340	7.0	
0954	68,2	6.9	1957	389	14.0	
\$002	68.8	6.9	2020	300	2-1-0	
		The state of the s	A STATE OF THE STA			
Did well de	water?	Yes (	(Ro)	Gallons actuall	y evacuated:	21.0
Sampling D	ate: 7/6	1/12	Sampling Time	e: /0/0	Depth to Water	r: 18.97
Sample I.D.	: 5-6			Laboratory:	(Test America)	Other
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: SE	F COC
EB I.D. (if a	applicable)		@ Time	Duplicate I.D. (	(if applicable):	
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:	
D.O. (if req'	d): Pr	e-purge:		mg/L P	ost-purge:	$^{ m mg}/_{ m L}$
O.R.P. (if re	q'd): Pr	e-purge:		mV P	ost-purge:	mV

DATE:

Well ID	Manwa	y Cover.	Type, C	ondition		Well La	vations ( abeled / nted perly"	Well (Gri	val Gap oper) lition	Well (	ock Coi	ıdition	Sur	Pad / face dition	Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	٧v	os af eli lition	Repair Date and PM Initials
S-6	Standpipe	Flush	(C)	р	Size (inch)	0	N	<b>©</b>	R	(3)	R	NL	(D)	Р		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Υ	N	G	R	G	R	NL	G	Р		Υ	N	
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	R	NL	G	р		Υ	N	
	Standpipe	Flush	G	р	Size (inch)	Υ	N	G	R	G	R	NL	G	P		γ	N	
	Standpipe	Flush	G	P	Size (Inch)	Y	N	G	R	G	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	Р	Size (inch)	Y	N	G	R	G	R	NL	G	Р		Υ	N	
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	R	NL.	G	Р		Υ	N	
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	R	NL	G	Р		Υ	. N	
	Standpipe	Flush	G	р	Size (inch)	Y	N	G	R	G	R	NL	G	P		Υ	N	
	Standpipe	Flush	G	Р	Size (inch)	Y	N	G	R	G	R	NI_	G	þ		Υ	N	
					TOTA	L#CAP	S REPLA	CED =	<b>S</b>		0	= TOTA	# OF LO	OCKS RI	EPLACED			
Condition of Aband	l Sail Boring P Ioned Monitori	atches or ng Wellsi	G	> Р	N/A	IFΡ	OOR, Bor	ings/Well	(Ds or Lo	cation De	scription:					Υ	N	
(Gheck I	n Compound ooxes that app		Condi	tion of Er	closure		on of Are: Enclosure		Cam	oound Sec	urity	Emerge	ncy Cont Visible	act into	Cleaning / Repairs Recommended and Conducted		os of lition	Repair Date and PM Initials
Building w/ F Fenced Co	ling ence Comp, empound		G	₽	N/A	G	Р	N/A	G	Þ	N/A	Y	N	N/A		γ	N	
Number of Drums On site	Does the	Label Rev			ed Correctl riting Legib		Dru	ım Condit	ion		Drums ed to mental	Charles And Control	Located	GASPARISON PROMISERS	Detailed Explanation of Any Issues Resolved	LAND OF STREET	os of um filion	Date Orums Removed from Site and PM initials
0	Y	N	N/A	Y	N	N/A	G	Р	N/A	γ	N	Υ	М	N/A		Υ	N	7

G = Good (Acceptable)

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

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

Project # 12(0(4- Pc)	Date tolializ	Client 5 Lell	
Site 3790 Homand Rd	Pleasaubu		

	1	7	T	<del></del>	Thiskness	1 77 1	·	·	T 2	<del></del>
		Well	***	Depth to	Thickness of				Survey	
		Size	Sheen /	Immiscible	Immissible	Immiscibles	Depth to water	D. Alan II	Point:	
WellID	Time	(in.)	Odor	Liquid (ft.)	rianid (A)	Kelilovea	Deput to water	Depth to well	TOB or	
<del></del>		7	Odoi	Liquid (II.)	ridaia (ir.)	(ml)	(ft.)	bottom (ft.)	TOC,	Notes
5-6	1020	3					(6.00)	34.22	d.	
		<del>                                     </del>								<b> </b>
							·			
	1									
	form and the second							hypropresided		Transfer de la company de la c
No.	THE TANKS OF THE PROPERTY OF T									
									TATOLIS WILL	-
				and the state of t		Total Back the second s				,
	7					and and an analysis of the second		****		
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	TT LAUGH	And the state of t		TO COLUMN TO THE PARTY OF THE P				-		
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***************************************			Property of the second							The state of the s
	-	***************************************	and the second s	ACTIVITY OF THE PARTY OF THE PA				***************************************		
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			***************************************	-		verhelmensmen		***************************************		A STATE OF THE STA
				H. Parishiphy Co.	-		THE PERSON NAMED IN COLUMN TO PERSON NAMED I	direction of the second of the		
	The second secon						7 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
***************************************		<u>l</u>								

		SILL	L WELL INU	MITOK	IIVG D.	ATA SHE	上上	
BTS #: 121	019-PC1			Site:	9899	5847°		*
Sampler: 7				Date:				
Well I.D.:	5-6			Well D	iameter	e Maria	4	6 8
Total Well	Depth (TD): 342	3	Depth	to Wate	r (DTW): (6.0	ð
Depth to Fr	ee Product					ree Produ		
Referenced	to:	(PVC)	Grade	D.O. M	leter (if	req'd):		YSI HACH
DTW with	80% Recha	arge [(H	eight of Water	Column	n x 0.20)) + DTW]:	iq.	(cl
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	ailer Displacemer		Waterra Peristaltic ction Pump		Sampling N		➤ Bailer Disposable Bailer Extraction Port Dedicated Tubing
ſ	era propositi una qua da rusqui un agri e de d			······	Well Diamete			Diameter Multiplier
67	Gals.) 🛚	3	= 201	Gals.	1" 2"	0.04 0.16	4" 6"	0.65 1.47
1 Case Volume		fied Volume	es Calculated Vo	[:	3"	0.37	Other	radius ² * 0.163
7	1		Cond.	Turl	bidity		***************************************	
Time	Temp (°F)	pН	(mS or (uS)	1	rus)	Gals. Ren	noved	Observations
1025	621	6.39	213	6'	L.	67	· ·	
TOTA	68-6	642	2123	23	2 70	134	}	
1030	we a	ewit	eved			704	-R	
1046	64-0	<u>\$</u> .50	2202	<u> </u>				4.
						The second secon		
Did well de	water?	Yes (No>	Gallons	s actuall	y evacuate	ed: ç	G+ 15
Sampling D	ate: (a)		Sampling Time	e: _{६५५}	-	Depth to	Water	19.57
Sample I.D.	:5-6			Labora	tory:	Cest Americ) }	Other
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygena	ates (5)	Other:	d auc	(TBA
EB I.D. (if a	applicable)	The second second fill fill of the second se	(inc)	Duplica	ate I.D.	(if applica		
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygena	ites (5)	Other:	0-0	
D.O. (if req	d): Pr	e-purge:		$^{ m mg}/_{ m L}$	P	ost-purge:		${ m mg}/{ m L}$
O.R.P. (if re	eq'd): Pr	e-purge:	energias en esta este esta compresa de la constante esta constante en esta constante en esta constante en esta	mV	P	ost-purge:	and definition of the	m mV

INCIDENT # 9 89 915842

DATE: (0)(4)[7]

CITY & STATE Places of A

Well ID	Manya	y Gover	,Type, C	ondition	& Size	Well L Pai	abeled / nted	(Grij	Cap oper)	Well	Lock Go	idition		Pad / face	Note Repairs Made Detailed Explanation of Maintenance Recommended and Rerformed	W	os of fell difton	Repair Date and PM Initials
	T_			T	Size (inch)		erly*		dition			T .	1	dition	T	j voji		nnuais
5-6	Standpipe	flush	(9)	P	8	0	N	(G)	R	(<u>G</u>)	R	NL.	<u>©</u>	P		Y		
	Standpipe	Flush	G	P	Size (inch)	Υ .	N	G	R	G	R	NL	G	р	Total and the second se	Υ	N	
	Standpipe	Flush	G	P	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	Р		γ	N	
	Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	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)	Υ	N	G	R	G	R	NL	G	Р		γ	N	
	Standpipe	Flush	G	P	Size (inch)	Υ	И	G	R	G	R	NL	G	Р		Υ	N	
	Standpipe	Flush	G	P	Size (inch)	γ	N	G	R	G	R	NI.	G	P		γ.	N	
	Standpipe	Flush	G	Р	Size (inch)	Y	N	G	R	G	R	NL	G	Р		Υ	N	
	- Standpipe	Flush	G	Р	Size (inch)	Υ	N	G	R	G	R	NL	G	Р		Υ	N	
					TOTA	L#CAP	S REPLA	CED =	0		0	= TOTAL	# OF LO	OCKS RI	EPLACED	Austra		
Condition of Abando	Soll Boring P oped Monitori	atches or ng Wells:	0	Р	N/A	IFP	JOR, Bor	ings/Well	IDs or Lo	cation De	scription					Y	N :	
(Check bo	i Compound oxes that app		Cond	ition of Er	iclosure		on of Are Enclosure		Com	pound Se	curity	Emerge	ncy Cont Visible	act Info	Cleaning / Repairs Recommended and Conducted	Phot Cond	os of lition	Repair Date and PM Initials
NA Buildi Building w/ Fe Fenced Cor Trails	ng nce Comp. npound	<i>\$</i>	G	P	(N/A	G	P	(N/A	G سير	P	N/A	Υ	N	(NA		Y	N	•
Number of Drums On site	Does the I Source o				led Correctl citing Legib		Dri	m Conditi	ion.	Gonfirm Relat Enviror	ed to		Located ess interfe		Detailed Explanation of Any Issues Resolved	Photo Dr. Cond	ım	Date Drams Removed from Site and PM Initials
60	Υ	Ŋ	(NIA	Y	N	(N/A	G	Р	(N/A	Y	N	γ	N	(N/A		Y	N	
G = Good (Acce	antabla)	R ≈ Repl	onad									±014/mm///			All anvironmental walls and the remodiation compoun	,		

G = Good (Acceptable)

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

lete Comon Bis

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 #	130	104-Dei	D:	ate 1/4/1	3	Client _	Shill	
					.,			
Site	3790	llopuand	RA	Plasantin	(a, a)			

£			·		Z					
					Thickness				Survey	
(Mark A)	i	Well		Depth to	of ·	lmmiscibles		•	Point:	
*******		Size	Sheen /	Immiscible	Immiscible	Removed	Depth to water	Depth to well	TOB or	1
Well ID	Time	(in.)	Odor	Liquid (ft.)	Liquid (ft.)	(ml)	(ft.)	bottom (ft.)	TOC	Notes
de 1		1							The same of the sa	
5-2	08.70	3					13.30	34.54		
		1								<u> </u>
5-3	6811	3					11:72	35.31	Signature (
							***	37 (31		<u> </u>
5-2	6750	3		1100			13.10	صمع جوز عمم پيده	křestyrovít	
	 							35.55		
5-5		3		OPP CHARACTER STATE OF THE STAT				·	Sisterior	
	10819	>				927(A)	14.84	35.72	Herasonole	
5-5B 5-5C 5-7 5-8 5-9				The Topic Control of the Topic	• • •					
3-315	(243	Ü				e e e e e e e e e e e e e e e e e e e	4531	61,47	is we have the second	
		. 1								
5-56	6803	To the second	Į.				45.04	71.58		
-				-				1 5. 70		
5.6	0948	3		1	1		# 5 a Fr 1000			
	4.40						14.95	34.20	i i i i i i i i i i i i i i i i i i i	
5-7	oquß	3				- investigation of the contract of the contrac			1	
+	0140					A Principle of the Prin	16.78	34.35	(Carameter)	
C Q	Nu company					· .			100	
2-0	0715	3	-		. [A	13.42	34.33	Mary burner	
grante script								71.77	1	
>-4	0714	3		1		Mare in the second	18.16	*** * * * * * * * * * * * * * * * * *	in block as	•
								34,40	, a	
5-93	0739	4	and the same of th	sian in a sian i				chenistes	and a second	
						Ψ.	45.6	59.22	Wichood 2	y
5-9C	0731		Marie de la companya del companya de la companya de la companya del companya de la companya de l	e de la company	-					
200		,		- Liverage			44.46	78.53	ALL STATES	
5-10	4									
2-10	7170	L. J.	-	her the state of t			14.33	34.22	-precimin	
								J7002		
5-11	0917	2				ľ			near-se	ĺ
							17.0	14.88	W.S. W. S. W	
5-12	OTM	1			ŀ	· .			Maryerala	
- Lon		- Sant					17.80	24.50	2541/2458/6	
5-14	1	. 2 5	***************************************							
2-14	0779						17.44	24.53	***************************************	
5-15		/					* '	ا الله الله الله الله الله الله الله ال		
>-15	0732	Sample of the sa		-		-	24.10	24.52		
		······································			·		4, 5 tr	41.76		

WELL GAUGING DATA

Site 3,790 Horund Rd. Plussonton (g.	Project #	130	104-Dal	I	Date 1/4/13		Client	Shell	
Site 77an II. 1 01 Plant C						-	,		
THE TOURS NO. I VOYOR ON	Site	7,790	Horwal	Rd.	Plusanton	G.			

ŗ					···	· · · · · · · · · · · · · · · · · · ·					
		initia	V 17.11			Thickness	1			Survey	
1			Well Size	Charl	Depth to	of	Immiscibles		Color Paris	Point:	
,	Well ID	Time	(in.)	Sheen / Odor	Liquid (ft.)	Immiscible		Depth to water	Depth to well		
-	11 011 117	1 11110	(111.)	- Outr	Liquia (II.)	Liquia (tt.)	(ml)	(ft.)	bottom (ft.)	10 <u>ç</u>	Notes
	<u> 5R-1.</u>	0616	4					14.39	33,49		
-	50-2	0755						17.50	33.73	e de la companya de l	
-	5R-2 5R-3	6% 4	- Carrier		100 m m m m m m m m m m m m m m m m m m				33.13	Sales Constitution of the	
Annual designation of the last	<u> </u>		1					30.38	31.74	mak L	
Africa Company		- Company of the Comp								3	
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					e e e e e e e e e e e e e e e e e e e		w/ maddingsommary.arva				
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				The state of the s						and the second s	
			The state of the s						-		
	I.			L		<u>-</u>					

		SHEL	L WELL MO	NITORING I	DATA SHEET			
BTS#:	130(04-	DRI		Site: 379	o Hopyard Rd	. Pleasanten Ca.		
Sampler:	DR // SK			Date: 1/4	1/3			
Well I.D.:	5-1			Well Diamete	er: 2 3 4	6 8		
Total Well I	Depth (TD	): 34	4.54	Depth to Water (DTW): \[ \] \[ \] 3.30				
Depth to Fro	the thinks the section of the sectio			Thickness of	Free Product (fee			
Referenced		PVC	Grade	D.O. Meter (	if req'd):	YSI HACH		
DTW with 8	80% Recha	arge [(H	leight of Water			17-55		
Purge Method:	Bailer Disposable Bailer Positive Air I Electric Subm	)isplaceme	ent Extrac Other	Waterra Peristaltic tion Pump	Sampling Method: Other:	Disposable Bailer Extraction Port Dedicated Tubing		
7. C/ (0	Gals.) X Speci	ろ fied Volun	= 23.7 nes Calculated Vo		neter Multiplier Well 0.04 4" 0.16 6" 0.37 Othe	Diameter         Multiplier           0.65         1.47           r         radius² * 0.163		
Time	Temp (°F)	pН	Cond. (mS or(µS)	Turbidity (NTUs)	Gals. Removed	Observations		
1252	64.2	6.9	1539		8.0			
16-as-distribution and part	614	11 0	Euratered		2 155	gol		
						/		
				₹* 6 :		***		
1400	63.5	6.9	1916	50	Gras			
Did well de	water?	Yes	No	Gallons actua	ally evacuated:			
Sampling D	Pate: 1/4/	13	Sampling Tim	e: 1400	Depth to Wate	r: 17.46		
Sample I.D.	Contrary and	1		Laboratory:	Test America	Other		
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: Sec Co	<u>C</u>		
EB I.D. (if	applicable)	:	@ Time	Duplicate I.D	). (if applicable):			
Analyzed for	or: TPH-G	BTEX	мтве трн-р	Oxygenates (5)	Other:			
D.O. (if req	'd): P1	e-purge:		mg/ _L	Post-purge:	mg/ _L		
O.R.P. (if re	eq'd): Pr	e-purge:		mV	Post-purge:	mV		

\$			<del></del>	·		· · · · · · · · · · · · · · · · · · ·				
BTS#:	130104-	- MI	:	Site:	3790	140044	rd Rd	- Pleas	enten Ca.	•
Sampler:	DR/6K			Date:	1/4/	, ,				
Well I.D.:	5-3	. •		Well D	iameter:	: 2 3	) 4	6 8	The second secon	
Total Well	Depth (TD	):	35.31	Depth	to Water	(DTW):	i i.	72		1,1,0,
Depth to Fr	ee Product	•		Thickn	ess of Fi	ree Prodi	act (fe	et):		
Referenced	to:	(PVC)	Grade	D.O. N	leter (if	req'd):		YSI	НАСН	
DTW with	80% Rech	arge [(H	leight of Water	Colum	1 x 0,20)	+DTW	].	1	6.44	- 14.
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Sisplaceme		Waterra Peristaltic tion Pump	Well Diamete	Sampling  Multiplier	Other:	Dis Ex Dec	Bailer sposable Bailer straction Port dicated Tubins	
S . 7 (0 1 Case Volume	Gals.) X Speci	3 fied Volum	es Calculated Vol	Gals.	1" 2" 3"	0.04 0.16 0.37	4ª 6ª Othe		0.65 1.47 radius ² * 0.163	-
Time	Temp (°F)	pН	Cond. (mS or(µS)	*1	oidity (Us)	Gals. Re	moved	O	bservations	- <del>1</del>
1133	63.1	6.7	3087	5	6	9				
1135	66.0	6.8	2862	2	9	17	35		:	
1138	66.4	6.8	2960	i de la constante de la consta	(4)	20	0.5		·	
144										.4:
Did well dev	water?	Yes	(1o)	Gallons	actually	y evacuat	ed:	26	3	
Sampling D	ate: 1/4/	13	Sampling Time	: 13:	30	Depth to	Water	: //.	78	
Sample I.D.	5-3			Laborat	ory: ¿	Test Ameri	ca) (	Other		\.:\
Analyzed fo	r: TPH-G	BTEX	мтве трн-D	Oxygena	tes (5)	Other: S	e Co	<u> </u>	4	
EB I.D. (if a	pplicable)	>	@ Time	Duplica	ite I.D. (	if applica	able):	Wig.		
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygena	tes (5)	Other:		and the second s		
D.O. (if req'o	d): Pro	e-purge:		mg/L	er Po	ost-purge:				$^{ m mg}/_{ m L}$
O.R.P. (if re	q'd): Pro	e-purge:		mV	Po	st-purge:				mV
										A STATE OF THE PARTY.

BTS#:	130104-	- DRI		Site:	3790	Hopuar	d Rd.	Pleasanten Ca.
Sampler:	DR/BK	)		Date: 1/4/13				
Well I.D.:	5-4			Well Diameter: 2 3 4 6 8				
Total Well	Depth (TD	): 35	.55	Depth to Water (DTW): /3./0				
Depth to Fr	ee Product	. p	PPROFILE AND	Thickness of Free Product (feet):				
Referenced	to:	PVC	Grade	D.O. M	eter (if	req'd):		YSI HACH
DTW with	80% Recha	arge [(H	leight of Water	Column	x 0.20)	+DTW]	: /	7.59
Purge Method:	Bailer Disposable Bailer Positive Air I	Displaceme				Sampling	Other:	Bailer  Disposable Bailer Extraction Port Dedicated Tubing
8.3 (Case Volume	,	3 fied Volum	= 24.9 nes Calculated Vo	_Gals.	Well Diameter I" 2" 3"	n Multiplier 0.04 0.16 0.37	Well 1)  4"  6"  Other	biameter Multiplier 0.65 1.47 radius² * 0.163
Time	Temp (°F)	pН	Cond. (mS or(µS)	Turb (NT	- 1	Gals. Rei	noved	Observations
1048	638	6.9	1720	5	J.	8.5	}	· · ·
1050	65.1	68	1753	13	4	- I Co	620	
		1/0//	dewatereo	16	) 	7.0	gal	The second secon
						ś		87 ⁹ 1
(310	64.4		1696	: 2	.8	Gras	3	
Did well de	water?	<u> </u>	No	Gallons	actually	y evacuat	ed: 🗸	17.0
Sampling D	ate: 1/4/	13	Sampling Time	: 1310		Depth to	Water	: 22,35 (32
Sample I.D.	:54			Laborat	ory: (	Test Ameri	ca C	Other
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygena	tes (5)	Other: 5	c Co(	_
EB I.D. (if a	pplicable)	s k	© Time	Duplica	te I.D. (	if applica	able):	
Analyzed fo	r: трн-G	BTEX	МТВЕ ТРН-D	Oxygenat	es (5)	Other:		
D.O. (if req'	d): Pro	e-purge:		mg/L	Po	ost-purge:	and fraction in	$mg_{/L}$
O.R.P. (if re	q'd): Pro	e-purge:		mV	Po	ost-purge:		${ m mV}$

SIELL WELL WI	UNITORING DATA SHEET					
BTS #: 130104- DR1	Site: 3790 Hopyard Rd. F	leasanten Ca.				
Sampler: DR (SK)	Date: 1/4/13					
Well I.D.: S-5	Well Diameter: 2 (3) 4 6	Well Diameter: 2 (3) 4 6 8				
Total Well Depth (TD): 35.72	Depth to Water (DTW): 14	. 34				
Depth to Free Product:	Thickness of Free Product (feet):					
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI	HACH				
DTW with 80% Recharge [(Height of Wate	er Column x 0.20) + DTW]: 19.0	96				
Purge Method: Bailer  Disposable Bailer  Positive Air Displacement Extremely  Electric Submersible Other	Waterra Sampling Method: Peristaltic action Pump Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing				
$\frac{7.7 \text{ (Gals.) X}}{1 \text{ Case Volume}} = \frac{23.1}{\text{Calculated Volumes}}$	Well Diameter   Multiplier   Well Diame   1"   20,04   4"     2"   0.16   6"     3"   0.37   Other	ter <u>Multiplier</u> 0.65 1.47 radius ² * 0.163				
Time Temp (°F) pH Cond. (mS or (µS)	Turbidity (NTUs) Gals. Removed	Observations · *				
1151 641 7.0 1536	72800					
1153 65.5 6.8 1490	65 16	·				
- Well dewo	dered 0 16 9	<u>ial</u>				
1340 628 69 1503	64 Grab					
Did well dewater? Yes No	Gallons actually evacuated: /	6.0				
Sampling Date: 1/4/13 Sampling Tir	ne: 1340 Depth to Water:	15.81				
Sample I.D.: 5-5	Laboratory: (Test America) Other					
Analyzed for: TPH-G BTEX MTBE TPH-D	Oxygenates (5) Other: Se 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:	$^{ m mg}/_{ m L}$				
O.R.P. (if req'd): Pre-purge:	mV Post-purge:	mV				

1						(Market Market Andreas		
BTS #:	130104	- DRI		Site: 3790	Hopyard Rd	1. Pleasanton Ca.		
Sampler:	万成/SK			Date: 1/4	1/3	·		
Well I.D.:	5-5			Well Diameter	c: 2 3 <b>(</b>	6 8		
Total Well	Depth (TD	)): 61	.47	Depth to Water (DTW): i(5.3)				
Depth to Fr	ee Product	t:		Thickness of Free Product (feet):				
Referenced	to:	(PVC)	Grade	D.O. Meter (if req'd): YSI HACH				
DTW with	80% Rech	arge [(H	leight of Water	Column x 0.20	)+DTW]: 4	8.54		
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displaceme	ent Extrac Other	Waterra Peristaltic tion Pump	Sampling Method Other	Disposable Bailer Extraction Port Dedicated Tubing		
105 (1 Case Volume	Gals.) X Speci	ろ fied Volum	= 31.5 nes Calculated Vo	Gals. Well Diamet  1" 2" 3"	er Multiplier Well 0.04 4" 0.16 6" 0.37 Othe	Diameter Multiplier  0.65  1.47  er radius ² * 0.163		
Time	Temp (°F)	pН	Cond. (mS or(µS)	Turbidity (NTUs)	Gals. Removed	Observations		
**5	64.5	7.51	3839		105			
** 20	66.1	7.73	3903	18	21.0			
1203	62	7.74	3911	a day	31.5			
•								
Did well de	water?	Yes (	No No	Gallons actuall	y evacuated:	31.5		
Sampling D	ate: 1/4/	13	Sampling Time	2: 1205	Depth to Wate	r: 46.44		
Sample I.D.	5-5	3		Laboratory: (	Test America	Other		
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: Sc Co	C		
EB I.D. (if a	pplicable)	•	(A) . Time	Duplicate I.D. (if applicable):				
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:			
D.O. (if req'	d): Pr	e-purge:		^{mg} / _L P	ost-purge:	$^{ m mg}/_{ m L}$		
O.R.P. (if re	a'd): Pr	e-purge:		mV P	ost-purge:	mV		

,	-		4			· · · · · · · · · · · · · · · · · · ·		
BTS#:	130104-	- DRI		Site: 3790	o Hopyard Rd	1. Pleasanten Ca.		
Sampler:	Da/sk			Date: 1/4	· · · · · ·	F		
Well I.D.:	5-5			Well Diameter	r: 2 3 <b>(</b> 4)	6 8		
Total Well	Depth (TD	)): 7(	<u> 58</u>	Depth to Water (DTW): 45.04				
Depth to Fr	ee Product	t:		Thickness of Free Product (feet):				
Referenced	to:	(PVC)	Grade	D.O. Meter (if	f req'd):	YSI HACH		
DTW with	80% Rech	arge [(H	leight of Water		)) + DTW]: \$	51.35		
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displacemer			Sampling Method	Disposable Bailer Extraction Port Dedicated Tubing		
20,5 (constitution of the last value of the last	,	3 ified Volum	es Calculated Vol	····· }{	ter Multiplier Well 0.04 4" 0.16 6" 0.37 Othe	Diameter         Multiplier           0.65         1.47           er         radius² * 0.163		
Time	Temp (°F)	pH	Cond. (mS or(µS)	Turbidity (NTUs)	Gals. Removed	Observations		
T Company	63.8	7.57	4791	60	20.5			
1245	64.3	7.48	4794	4	41.0			
2 2 2 day	64.4	7.47	4798	44	61.5			
					***************************************			
Did well dev	water?	Yes (	No.	Gallons actual	ly evacuated:	61.5		
Sampling Da	ate: 1/4/	13	Sampling Time	2: 1755	Depth to Wate	r: 46.72		
Sample I.D.:	: 5.5	<u>'C</u>	and description of the state of	Laboratory: (	Test America	Other		
Analyzed fo	r: TPH-G	BTEX	······································	Oxygenates (5)	Other: Se Co	C		
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:		^{mg} / _L P	Post-purge:	${ m mg}_{/_{ m L}}$		
O.R.P. (if red	q'd): Pro	e-purge:		mV P	Post-purge:	mV		

BTS #: 130104- DR1	Site: 3790 Hongard Rd. Pleasanton	Ca.				
Sampler: DR/ER	Date: 1/4/13					
Well I.D.: S-6	Well Diameter: 2 3 4 6 8					
Total Well Depth (TD): 34,20	Depth to Water (DTW): 14.95					
Depth to Free Product:	Thickness of Free Product (feet):					
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH					
DTW with 80% Recharge [(Height of Water	· Column x 0.20) + DTW]: 18.80					
Purge Method: Bailer Disposable Bailer Positive Air Displacement Extrac Electric Submersible Other	Waterra Sampling Method: Baile Peristaltic Disposable ction Pump Extraction Dedicated Other:	Bailer n Port				
$\frac{7}{1 \text{ Case Volume}} (\text{Gals.}) \times \frac{3}{\text{Specified Volumes}} = \frac{21 \cdot 3}{\text{Calculated Volumes}}$	11 (12/2011) 0 27 Other di 2					
Time Temp (°F) pH Cond. (mS or (µS)	Turbidity (NTUs) Gals. Removed Observa	tions				
0952 60,3 6,7 2002	163 7.5					
0952 640 6.6 2.036	74 14.5					
- Well deadered (a)	17 gal managaman	tassig Julianda				
1010 624 67 2044	93 Gras					
Did well dewater? (Yes) No	Gallons actually evacuated: イスロ					
Sampling Date: 1/4/13 Sampling Time	e: 15.77 Depth to Water: 18.77	, 3				
Sample I.D. S-6	Laboratory: (Test America) Other					
Analyzed for: TPH-G BTEX MTBE TPH-D	Oxygenates (5) Other: $\int_{C}$	.: · · · .				
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:	$^{ m mg}/_{ m L}$				
O.R.P. (if req'd): Pre-purge:	mV Post-purge:	mV				

,		LILLE	ILL AA DITITIANA	NULUM	AU WILL	AIASHLLI		
BTS #:	130(04-	- DRI		Site:	3790	Honyard Ro	1. Pleasonton Ca.	
Sampler:	DR/SK			Date:	1/4/	13		
Well I.D.:	5-7			Well D	iameter	: 2 Ø 4	6 8	
Total Well l	Depth (TD	v): 7	34.35	Depth to Water (DTW): 12.78				
Depth to Fr	ee Product	•		Thickness of Free Product (feet):				
Referenced	to:	(PVC)	Grade	D.O. M	leter (if	req'd):	YSI HACH	
DTW with	80% Rech	arge [(H	Ieight of Water	Column	n x 0.20)	) + DTW]: 7	0.29	
Purge Method:	Bailer Disposable Ba Positive Air E Electric Subm	Displacemen		Waterra Peristaltic ction Pump		Sampling Method	Disposable Bailer Extraction Port Dedicated Tubing	
6.5 (Control of the last of th	Gals.) X Specif	3 fied Volum	= 19.5 nes Calculated Vol	Gals.	Well Diamete 1" 2" 3"	0.04 4" 0.16 6" 0.37 Oth	Diameter Multiplier 0.65 1.47 er radius ² * 0.163	
Time	Temp (°F)	рН	Cond. (mS or(µS)	ì	oidity ΓUs)	Gals. Removed	Observations	
0955	65.9	6.60	7.469	(All transfer	1	6.5		
* Wel	di v4	nd e	7.5 gal.					
low	66.8	6.65	2411	7	94	4,666723007744;		
	·							
Did well dev	water? (	(Yes	No	Gallons	actually	y evacuated:	7.5	
Sampling Da	ate: 1/4/	13	Sampling Time	): <b>(C</b>	<i>no</i>	Depth to Wate	er: <i>70,17</i>	
Sample I.D.:	: 5.7	· · · · · · · · · · · · · · · · · · ·		Laborat	tory: (	Test America	Other	
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygena	tes (5)	Other: $\sum_{c}$ $C_{c}$	, _	
EB I.D. (if a	pplicable)	6.	@ . Time	Duplica	ite I.D. (	(if applicable):	NAME OF THE PROPERTY OF THE PR	
Analyzed for	r: TPH-G	BTEX	MTBE TPH-D	Oxygena	tes (5)	Other:		
D.O. (if req'o	d): Pro	e-purge:		$^{ m mg}/_{ m L}$	Po	ost-purge:	mg/L	
O.R.P. (if red	q'd): Pro	e-purge:		mV	Po	ost-purge:	mV	

		.,		_					
BTS#:	130(04-	- Dri	·	Site:	3790	Honyard Ro	1. Pleasanten Ca.		
Sampler:	DR/BR	2		Date:	1/4/	i = i J			
Well I.D.:	5-3			Well I	Diameter	: 2 ③ 4	6 8		
Total Well	Depth (TD	):	34.33	Depth to Water (DTW): 13.92					
Depth to Fr	ee Product	-		Thickr	Thickness of Free Product (feet):				
Referenced	to:	(PVC)	Grade	D.O. N	leter (if	req'd):	YSI HACH		
DTW with	80% Rech	arge [(F	leight of Water	Colum	n x 0.20)	) + DTW]: \(\big ^*	8.00		
Purge Method:	Bailer Disposable B Positive Air I Rectric Subn	Displaceme	ent Extrac Other	Waterra Peristaltic tion Pump		Sampling Method Other	Disposable Bailer Extraction Port Dedicated Tubing		
7.6 (1 Case Volume	Gals.) X Speci	3 fied Volum	= 2.2.8 nes Calculated Vo		Well Diamete 1" 2" 3"	0.04 4" 0.16 6" 0.37 Oth	Diameter         Multiplier           0.65         1.47           er         radius² * 0.163		
Time	Temp (°F)	рН	Cond. (mS or(µS)	Tur (N	bidity TUs)	Gals. Removed	Observations		
0845	62.5	6.5	2082	7	liuserug.	8.0			
0948	64.6	6.5	2206	6	3	16.0			
AZZONAK ENERGIA	lue	110	Contered	· C	)	70 ga	La grante de la constanta de l		
			#	÷ .					
1035	63.2	6.7	2772	5		Gres			
Did well de	water?	Yes !	No	Gallon	s actuall	y evacuated:	17.0		
Sampling D	ate: 1/4/		Sampling Time	: 10	35	Depth to Wate	r: 13.99		
Sample I.D.	of the same	8		Labora	tory: (	Test America	Other		
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygena	ites (5)	Other: Sec Ce	<u>C</u>		
EB I.D. (if a	pplicable)	o P	@ Time	Duplic	ate I.D. (	if applicable):	· ž		
Analyzed fo	r: трн-G	BTEX	MTBE TPH-D	Oxygena	ites (5)	Other:			
D.O. (if req'	d): Pr	e-purge:		mg/L	Po	ost-purge:	mg/L		
O.R.P. (if re	q'd): Pr	e-purge:		mV	Po	ost-purge:	mV		

				·	-				
BTS#:	130104-	- DAI		Site: 379	o Hopyard Ro	1. Pleasanton Ca.			
Sampler:	DR/SK			Date: 1/4	1 (J				
Well I.D.:				Well Diamete	er: 2 3 4	6 8			
Total Well	Depth (TD	): 34	4.40	Depth to Wat	er (DTW):	8,16			
Depth to Fr	ee Product	•		Thickness of	Thickness of Free Product (feet):				
Referenced	to:	(PVC)	Grade	D.O. Meter (i	f req'd):	YSI HACH			
DTW with	80% Recha	arge [(H	leight of Water		. (	2			
	Bailer Disposable B Positive Air I Electric Subn  Gals.) X	Displaceme Persible	ent Extrac	Waterra Peristaltic tion Pump  Well Diam  I"  2"  3"	Sampling Method	Disposable Bailer Extraction Port Dedicated Tubing :  Diameter Multiplier 0.65 1.47			
1 Case Volume	Speci	fied Volun	nes Calculated Vo	lume L	V.J. V.L.	54 Judius 0.105			
Time	Temp (°F)	рН	Cond. (mS or (uS)	Turbidity (NTUs)	Gals. Removed	Observations			
0835	60.1	6.6	2510	253	G				
0837	43,5	6.6	2523	57	12				
		<u> </u>	dewatered	@ 16	10/90				
					town.				
1625	63.6	67	2438	66	Gras				
Did well de	water?	X es	No	Gallons actua	lly evacuated:	16			
Sampling D	ate: 1/4/	13	Sampling Time	: 1025	Depth to Wate	r: 18.55			
Sample I.D.	· Control	Services Control of the Control of t		Laboratory:	(Test America)	Other			
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: Sec Co	C			
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): Pro	e-purge:	1970	mg/L	Post-purge:	$^{ m mg}/_{ m L}$			
O.R.P. (if re	q'd): Pro	e-purge:	an kangan dan dan dan dan dan dan dan dan dan d	mV	Post-purge:	mV			

			AL VY EVE JE		######################################	LE EFFIE	ALA OU			
BTS #: 130104- DR1					Site:	3790	Hopus	rd Rd.	Pleasonton Ca.	
Sampler: $\sqrt{g}/SK$					Date:	1/4	1/3			
Well I.D.: 5-93						Well Diameter: 2 3 (4 6 8				
						Depth to Water (DTW): 45.16				
24.04.04.04.04.04.04.04.04.04.04.04.04.04						ess of I	Free Prod	uct (fee	t):	
Referenced	to:	PVC	Grade	<b>3</b>	D.O. M	leter (if	req'd):	waterwoods and with the selection	YSI HACH	
DTW with	80% Rech	arge [(H	leight of V		Column	x 0.20	) + DTW	7: 4	7.97	
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	ailer Displaceme		Extrac	Waterra Peristaltic tion Pump			g Method: Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing	
1 Case Volume	Gals.) X Speci	3 fied Volum		コ3 ated Vol	_ Gals.	Well Diamet 1" 2" 3"	0.04 0.16 0.37	r Well Di 4" 6" Other	ometer Multiplier  0.65  1.47  radius ² * 0.163	
Time	Temp (°F)	рН	Cond (mS or(	parameter .	l	oidity TUs)	Gals. Re	moved	Observations	
0855	63.2	73	284	Ś		78	9	materion:		
& We	du	7 1 C	0 10	.5	gal.					
० ५०	64.3	7.22	<b>1</b> 91	<b>.</b>	() 		Patrician (A)	Nes		
						-	- Andrews (1) Andr			
Did well de	water?	Tes	No		Gallons	actual	ly evacua	ited:	10.5	
Sampling D	ate: 1/4/	1.3	Sampling	; Time	): <i>[0]</i>	H	Depth to	Water:	52.49 (2hm)	
Sample I.D.	: 5-41	ż			Laborat	cory: (	Test Ame	rica O	ther	
Analyzed fo	r: TPH-G	BTEX	MTBE TP	'H-D	Oxygena	tes (5)	Other: S	- دد (ه)		
EB I.D. (if a	pplicable)	D-	@ Time		Duplica	ite I.D.	(if applic			
Analyzed fo	r: TPH-G	BTEX	MTBE TP		Oxygena	THE RESIDENCE OF THE PROPERTY	Other:			
D.O. (if req'	d): Pr	e-purge:	armi katin kalenda pina pina kalenda katin katin kalenda kalenda pina pina pina pina kalenda pina pina kalenda	**************************************	$^{ m mg}/_{ m L}$	F	ost-purge:		$^{ m mg}\!/_{ m I}$	
O.R.P. (if re	g'd): Pr	e-purge:		***************************************	mV	F	ost-purge:		mV	

BTS #:	Site:	3790	Hopyard	RJ.	Pleasanten Ca.				
Sampler:	Date:								
Well I.D.:	5-95	er •		Well D	Well Diameter: 2 3 4 6 8				
Total Well I	Depth (TD	i): 78	3.53	Depth 1	to Water	r (DTW):	44	.યદ	
Depth to Fre	ee Product	- e		Thickn	Thickness of Free Product (feet):				
Referenced	to:	(PVC)	Grade	D.O. M	leter (if	req'd):	Υ.	YSI HACH	
DTW with 8	80% Recha	arge [(F	leight of Water	Columr	1 x 0.20)	) + DTW]:	51	January Company	
	Bailer Disposable Ba Positive Air D Electric Subm	Displaceme		Waterra Peristaltic ction Pump		Sampling Med	ethod; Other:	Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing	
77.1 (Case Volume	Gals.) X · Specif	3 fied Volum		_ Gals.	Well Diameter 1" 2" 3"	0.04 0.16 0.37	Well Dia 4" 6" Other	0.65 1.47	
Time	Temp (°F)	pH	Cond. (mS or(µS)	1	bidity ΓUs)	Gals. Remov	ved	Observations	
0844	64.4	6.98	4472	E	} ^C I	22 1			
******	dender	i e	30.0					No.	
1028	65.3	7.92	4429	Lec	12	200/01/01/0			
	-						,		
Did well dev	water?	Kes.	No	Gallons	s actuall	y evacuated	1:	30.0	
Sampling D	ate: 1/4/	13	Sampling Time	e: 1078 Depth to Water: 47.19					
Sample I.D.	Laboratory: Test America Other								
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygena	ites (5)	Other: Se	Col	<i>-</i>	
EB I.D. (if a	upplicable)		@ Time	Duplica	ate I.D. (	(if applicabl	le):		
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Oxygena	ites (5)	Other:	1200		
D.O. (if req'	d): Pr	e-purge:		$^{ m mg}/_{ m L}$	P	ost-purge:		$^{ m mg}/_{ m L}$	
O.R.P. (if re	:q'd): Pr	e-purge:	William Commence	mV	P	'ost-purge:		mV	

Innerestation of the second se	<del></del>		<del></del>	<del>y</del>					
BTS #:	130104-	- DRI		Site: 379	10 Hopyard Rd	- Pleasonten Ca.			
Sampler:	DR/60			Date: 1/4/13					
Well I.D.:	5-1	0 .	: 🎺 "	Well Diameter: 2 3 4 6 8					
Total Well	Depth (TD	): 3 ·	4.22	Depth to Wa	Depth to Water (DTW): /4, 33				
Depth to Fr	ee Product	- e		Thickness of Free Product (feet):					
Referenced	to:	PVC	Grade	D.O. Meter (if req'd): YSI HACH					
DTW with	80% Recha	arge [(H	leight of Water	Column x 0.2	(0) + DTW]: /	8.3/			
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displaceme	nt Extrac	Waterra Peristaltic tion Pump  Well Diar	0.04 4"	Disposable Bailer Extraction Port Dedicated Tubing  Diameter Multiplier 0.65			
1 Case Volume	Gals.) X Speci:	う fied Volum	<del></del>	2" 2" 3" 3" 1ume	0.16 6" 0.37 Other	1.47 er radius ² * 0.163			
Time	Temp (°F)	pН	Cond. (mS or(µS)	Turbidity (NTUs)	Gals. Removed	Observations			
0919	59.2	6.5	1554	104	7.5				
0921	62,2	6.7	1592	64					
0923	63.0	6.7	1644	19	22,5				
		STATE OF THE PROPERTY OF THE P	***						
2									
Did well de	water? 🤫	(Feel De	<u>(40)</u>	Gallons actua	ally evacuated:	-225			
Sampling D	ate: 1/4/	13	Sampling Time	: 1220	Depth to Wate	r: 49-440 15.44			
Sample I.D.	: 576	2	` <i>*</i>	Laboratory:	(Test America)	Other			
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: $S_{c}$	C *			
EB I.D. (if a	pplicable)	4	@ . Time	Duplicate I.D	. (if applicable):				
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other:				
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			

		***************************************							
BTS#:	130(04	- DRI		Site: 3790	Hopyard Rd	- Pleasantan Ca.			
Sampler:	TOR/SK			Date: 1/4/13					
Well I.D.:	5-11			Well Diameter: ② 3 4 6 8					
Total Well	Depth (TD	): ?	.4.88	Depth to Water	Depth to Water (DTW): 17.01				
Depth to Fr	ee Product	· »		Thickness of Free Product (feet):					
Referenced	to:	(PVC)	Grade	D.O. Meter (if	D.O. Meter (if req'd): YSI HACH				
DTW with	80% Rech	arge [(F	leight of Water	Column x 0.20	***************************************	3.58			
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displaceme		Waterra Peristaltic tion Pump	Sampling Method	Disposable Bailer Extraction Port Dedicated Tubing			
1.3 ((		ろ fied Volum	= 3.0 nes Calculated Vo	Gals. Jume Well Diamete	or Multiplier Well 0.04 4" 0.16 6" 0.37 Othe	Diameter Multiplier 0.65 1.47 er radius ² * 0.163			
Time	Temp (°F)	pН	Cond. (mS or(µS)	Turbidity (NTUs)	Gals. Removed	Observations			
5770	Section 1		7.49	58		· ·			
०वर्ष	6.0	j.70	2136	and and and a	2.6				
0976	66.2	Comments of the Comments of th	243	409	3.9				
Did well der	water?	Yes	(Ng	Gallons actuall	y evacuated:	3,9			
Sampling D	r: 18.16								
Sample I.D.	: 5	a Trigger		Laboratory: (Test America) Other					
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5) Other: Sc					
EB I.D. (if a	pplicable)	* *	(a) Time	Duplicate I.D. (if applicable):					
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:									
D.O. (if req'	d): Pro	e-purge:		mg/ _L Pe	ost-purge:	$^{ m mg}\!/_{ m L}$			
O.R.P. (if re	q'd): Pro	e-purge:		mV Po	ost-purge:	mV			

					***************************************				
BTS#:	130104-	- Dai		Site:	3790	Honyard Rd	- Pleasanten Ca.		
Sampler:	TOR/SK			Date: 1/4/13					
Well I.D.:		) نتير		Well Diameter: 2 3 4 6 8					
					Depth to Water (DTW): 17.80				
Depth to Fr	ee Product	- d		Thickness of Free Product (feet):					
Referenced	to:	(PVC)	Grade	D.O. N	Aeter (if	req'd):	YSI HACH		
DTW with	80% Recha	arge [(H	leight of Water	Colum	n x 0.20)	) + DTW]:	eq.,12		
Purge Method: Bailer  Disposable Bailer  Positive Air Displacement Extrac  Electric Submersible Other						Sampling Method Other	Disposable Bailer Extraction Port Dedicated Tubing		
1 Case Volume	Gals.) X	ろ fied Volum	= 3.3 Calculated Vo	Gals.	Well Diamete 1" 2" 3"	er <u>Multiplier</u> <u>Well</u> 0.04 4" 0.16 6" 0.37 Othe	Diameter         Multiplier           0.65         1.47           er         radius² * 0.163		
Time	Temp (°F)	рН	Cond. (mS or(µS)	ł .	bidity TUs)	Gals. Removed	Observations		
** Z6	65.0	6.73	2660	<u> </u>	43	D. Garage			
1128	67.0	6.57	UB	4,200	41	2,2			
Transcer Control of the Control of t	66 9	6.58	2609	8	O	3.3			
			·						
	And the state of t								
Did well de	water?	Yes	Nõ	Gallon	s actuall	y evacuated:	33		
Sampling D	ate: 1/4/	1.3	Sampling Time	e: //3	<b>5</b> .	Depth to Wate	r: 18.44		
Sample I.D.	: 5-12			Labora	tory: (	Test America	Other		
Analyzed fo	r: TPH-G	BTEX	МТВЕ ТРН-D	Oxygena	ates (5)	Other: Sec Ca	<u>C</u>		
EB I.D. (if applicable):					Duplicate I.D. (if applicable):				
Analyzed for: трн-G втех мтве трн-D					ates (5)	Other:			
D.O. (if req'd): Pre-purge:					P	ost-purge:	mg/L		
O.R.P. (if req'd): Pre-purge:					P	ost-purge:	mV		

		******		-								
BTS#:	130104-	- DRI		Site:	3790	Hopyard Rd	. Pleasanten Ca.					
Sampler:	MR/SK	1		Date:	1/4/	r . ^						
Well I.D.:	5.14		and and a feet from the feet f	Well I	iameter	: 2 3 4	6 8					
Total Well	Depth (TD	): 24.	53	Depth to Water (DTW): 17.44								
Depth to Fr				Thickness of Free Product (feet):								
Referenced	to:	(PVC)	Grade	D.O. Meter (if req'd): YSI HACH								
DTW with 8	80% Recha	arge [(H	leight of Water	Column x 0.20) + DTW]: 18.86								
Purge Method:	Bailer Disposable B Positive Air I Electric Subm	Displaceme	nt Extrac Other	Waterra Peristaltic ction Pump		Sampling Method: Other:	Disposable Bailer Extraction Port Dedicated Tubing					
1 Case Volume	Gals.) XSpeci:	ろ fied Volum	= B.S. Calculated Vo	_ Gals. lume	Well Diamete	27 Multiplier Well 0.04 4" 0.16 6" 0.37 Other	Diameter Multiplier 0.65 1.47 r radius ² * 0.163					
Time	Temp (°F)	рН	Cond. (mS or(µS)	1	bidity FUs)	Gals. Removed	Observations					
1105	A CHARLES		3792	**************************************	44	4.6						
1106	62.2	6.88	दुश्व	*	Section 1	9.2						
Washington of the Contract of	dual"	1 0	10091.		NAME OF THE OWNER O							
l J.P	63.1	<u>(43</u>	3744		33	SCT-TAMES.						
		·										
Did well dev	water?	Yeş	No	Gallon	s actuall	y evacuated:	10.0					
Sampling D	ate: 1/4/	13	Sampling Time	: <b>1</b> 7	3 <i>0</i>	Depth to Wate	r: 12.7Z					
Sample I.D.	: 5-l4			Labora	tory: (	Test America	Other					
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygena	ates (5)	Other: Se Co	<u></u>					
EB I.D. (if a	pplicable)	*	ate I.D. (	(if applicable):								
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygena	Oxygenates (5) Other:							
D.O. (if req'	d): Pr	e-purge:	ur ayuu oo ay faan is dharaan iirii ahaa ahaa ahaa baa ahaa ahaa ahaa aha	mg/ _L Post-purge:								
O.R.P. (if re	q'd): Pr	e-purge:		mV Post-purge: n								
							A A A A A A A A A A A A A A A A A A A					

BTS#:	130104-	- Dai			Site	÷	3790	1400441	d Rd	. Pleasenten Ca.			
Sampler:	бв/ SK	<u></u>			Date	);	1/4/	, '					
Well I.D.:	5-15				Wel	1 D	iameter	: 2 3	(A)	6 8			
Total Well	Depth (TD	): 24.5	52		Depth to Water (DTW): 24.10								
Depth to Fr	ee Product	T T			Thickness of Free Product (feet):								
Referenced	to:	(PVC)	(	Grade	D.O. Meter (if req'd): YSI HACH								
DTW with	80% Rech	arge [(H	(eight	of Water	Colu	ımr	$1 \times 0.20$	) + DTW	]: ~	AN INCOME AND PROPERTY OF THE			
Purge Method:	Bailer Disposable Barrer Positive Air I Electric Subm	Displaceme	III.	Extrac Other	Wate Perista ction Pu	altic imp	and the second s	Sampling	Other:	Disposable Baffer Extraction Port Dedicated Tubing			
1 Case Volume	Gals.) X · Speci	j fied Volum	ies C	alculated Vo	Gals.		Well Diamete 1" 2" 3"	0.04 0.16 0.37	Well I 4" 6" Othe	Diameter Multiplier 0.65 1.47 r radius ² * 0.163			
Time	Temp (°F)	pН	1	Cond. S or(µS)	ł		oidity (Us)	Gals. Re	Observations				
* Inga	Chicrent	appion n	uasamaga A	prof		S	}						
				de de la companya de		· · · · · · · · · · · · · · · · · · ·	rromanin voi de architectul de						
Did well dev	water?	Yes	No		Gälle	ons	actuall	y evacua	ted:	and the state of t			
Sampling D	ate: 1/4/	13	Samp	ling Tim	e:	-	**************************************	Depth to	Water	T:			
Sample I.D.:	: 5-15				Labo	orat	ory: (	Test Amer	දුන් (	Other			
Analyzed fo	r: TPH-G	BTEX	MTBE	TPH-D	Oxyg	ena	tes (5)	Other: S	e Co				
EB I.D. (if a	pplicable)	B	@	Time	-Đũpl	lica	ite I.D. (	if application	able):				
Analyzed for	r: TPH-G	BTEX	MIBE	TPH-D	Oxyg	ena	tes (5)	Other:					
D.O. (if req'o	d): <u>Pr</u>	e-purge:			m	g/L	Po	ost-purge:		$^{ m mg}\!/_{ m L}$			
O.R.P. (ifre	q'd): Pro	e-purge:			m	V	Po	ost-purge:		mV			

	A										
BTS #:	130104-	- DRI		Site:	3790	Hopyard Rd	- Pleasanton Ca.				
Sampler:	DR/SK			Date:	1/4/	* * * * * * * * * * * * * * * * * * *					
Well I.D.:	SR-	, versorate		Well Dia	an ₁ eter	: 2 3 4	6 8				
Total Well	Depth (TD	): 33	3.49	Depth to Water (DTW): १५.उप							
Depth to Fr	ee Product	*		Thickness of Free Product (feet):							
Referenced	to:	(PVC)	Grade	D.O. Meter (if req'd): YSI HACH							
DTW with	80% Rech	arge [(H	leight of Water		***********		8-21				
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displaceme	0.3	Waterra Peristaltic ction Pump		Sampling Method	Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing				
<u></u>		ver entre transmitted and the transmitted and		<u>W</u>	ell Diamete	r Multiplier Well 0.04 4"	Diameter Multiplier 0.65				
17.4 (c) 1 Case Volume	* *************************************	<u>ろ</u> fied Volum	$\frac{1}{100} = \frac{37.2}{\text{Calculated Vo}}$	} }	2" 3"	0.16 6" 0.37 Othe	1,47				
			Cond.	Turbi	dity						
Time	Temp (°F)	pН	(mS or(µS)	(NTI	Js)	Gals. Removed	Observations				
1307	692	6.98	2652	4	Lį	17.4					
1310	70.1	6.76	2655	, some	5	24.8					
1313	69.9	6.76	7652	12	way	37-2					
·	Transfer de la constitución de l										
Did well de	water?	Yes /	No	Gallons	actuall	y evacuated:	37.2				
Sampling D	ate: 1/4/	13	Sampling Time	e: 13 <b>4</b>	5	Depth to Wate	r: 18.09				
Sample I.D.	: 512-1		٠.	Laborato	ory: (	Test America	Other				
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenate	es (5)	Other: Śc Co	<u> </u>				
EB I.D. (if a	pplicable)	>	@ . Time	Duplicat	e I.D. (	(if applicable):					
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	es (5)	Other:						
D.O. (if req'	d): Pr	e-purge:		mg/L	Po	ost-purge:	$^{ ext{mg}}/_{ ext{L}}$				
O.R.P. (if re	q'd): Pr	e-purge:		mV	Po	ost-purge:	mV				

			***************************************	<del></del>							
BTS #:	130104-	- DRI		Site:	3790	Hopeard Ro	1. Pleasanten Ca.				
Sampler:	DR 168			Date:	1/4/	, ' 🗸					
Well I.D.:	327	<u> </u>		Well D	iameter:	: 2 3 4	) 6 8				
Total Well I	Depth (TD	): 3	3.73	Depth to Water (DTW): \2.30							
Depth to Fro	ee Product			Thickness of Free Product (feet):							
Referenced	to:	PVC	Grade	D.O. Meter (if req'd): YSI HACH							
DTW with 8	80% Recha	arge [(H	leight of Water				16.59				
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Displaceme	· ·	Waterra Peristaltic ction Pump		Sampling Method	Disposable Bailer Extraction Port Dedicated Tubing				
139 (Case Volume		3 fied Volum	= 4(7) aes Calculated Vo	_ Gals.	Well Diamete 1" 2" 3"	r Multiplier Wel 0.04 4" 0.16 6" 0.37 Ott	I Diameter Multiplier  0.65				
Time	Temp (°F)	pН	Cond. (mS or(µS)	Turb (NT	-	Gals. Removed	Observations				
1059	636	The state of the s	1579	13	3	Annual Company					
1002					de constant	28					
1105	66.0	6.9	1524	4	C	42	S.				
			*			Alberta, at					
			•		育" を タ						
Did well dev	water?	Yes	No)	Gallons	actuall	y evacuated:	42				
Sampling D	ate: 1/4/	LT3	Sampling Time	e: /3º2	0	Depth to Wate	er: /3.34				
Sample I.D.	58-2	)		Laborat	ory: (	Test America	Other				
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenat	tes (5)	Other: Sec	oC				
EB I.D. (if a	pplicable)	C .	@ Time	Duplica	te I.D. (	if applicable):					
Analyzed fo	r; TPH-G	BTEX	MTBE TPH-D	Oxygenat	es (5)	Other:					
D.O. (if reg	d); Pr	e-purge:		mg/L	Po	ost-purge:	mg/L				
O.R.P. (if re	q'd): Pro	e-purge		mV	Po	ost-purge:	mV				

				~~~	***************************************						
BTS#:	130104-	- DRI		Site: 3790	Hopyard Rd	. Pleasanten Ca.					
Sampler:	DR/GR	<u> </u>		Date: 1/4/	, 'U'						
Well I.D.:	812-3			Well Diameter	: 2 3 (4)	6 8					
Total Well	Depth (TD): <u>3</u>	3.13	Depth to Water (DTW): //, 4/							
Depth to Fr	ee Product	- 6		Thickness of Free Product (feet):							
Referenced	to:	PVC	Grade	D.O. Meter (if req'd): YSI HACH							
DTW with	80% Rech	arge [(F	leight of Water	Column x 0.20) + DTW]: $16_{\rm f}$ (5							
Purge Method:	Bailer Disposable B Positive Air I Electric Subin	Displaceme		Waterra Peristaltic tion Pump	Sampling Method	Disposable Bailer Extraction Port Dedicated Tubing					
13.8 (c) 1 Case Volume	Gals.) XSpeci	ろ fied Volum	nes Calculated Vol	Gals. Well Diamete	Multiplier Well 0.04 4" 0.16 6" 0.37 Othe	Diameter Multiplier 0.65 1.47 radius ² * 0.163					
Time	Temp (°F)	рН	Cond. (mS or (µS)	Turbidity (NTUs)	Gals. Removed	Observations					
Trades Co	64.7	6,9	1420		Language Control	et de la companya de					
1119	67.8	6.7	1499	30	25						
	668	68	1531	22	4 Zin						
						as					
					·	夢					
Did well de	water?	Yes (Ñò	Gallons actuall	y evacuated:	42.0					
Sampling D	ate: //4/	13	Sampling Time	: 1300	Depth to Wate	r: 12:16>					
Sample I.D.	: <u>5R-3</u>	-		Laboratory: (Test America	Other					
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D	Oxygenates (5)	Other: See Co	C					
EB I.D. (if a	pplicable)	5	(d) . Time .	Duplicate I.D. (if applicable):						
Analyzed fo	r: TPH-G	BTEX	MTBE TPH-D		Other:	HOLESCHE WAR HELD THE STATE OF					
D.O. (if req'	d): Pro	e-purge:		mg/L Po	ost-purge:	mg/L					
O.R.P. (if re	q'd): Pro	e-purge:		mV Post-purge: mV							
***************************************	· · · · · · · · · · · · · · · · · · ·		CONTRACTOR OF THE PROPERTY OF								

INCIDENT #

98995842

7 A .	Tree.
- 14	1 Pm -

1/4/12

ADDRESS 3790

3790 Hound 16.

CITY & STATE

Pleasanth G

Well ID	Manwa		Type, C	ondition	& Size	Well Li Pai	vations (abeled / nted perly*	Wei (Gri	ival Gap oper) dition		.ock Car		Sur	Pad / face dition	Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	W	os al ell lition	Repair Date and PM Initials
5-2	Standpipe	Flush	(G)	Р	Size (inch)	Ø	N	G	R	Ø5	R	, NL	G.	Р		Υ	্যে	
5-3	Standpipe	Flush	6)	Р	Size (inch)	Ø.	N	G	R	O	R	NL.	G	ъ		Υ	CN	
5.4	Standpipe	Flush	G	Р	Size (inch)	Ø	N	Ĝ	R	Ġ	R	NL	6	Р		Y	Ŋ,	
5-5	Standpipe	Flush	(Ĝ	р	Size (inch)	Ø	N	(G)	R	6	R	NL	0	Р		Υ	(Ñ)	
5-53	Standpipe	(flush	6)	Р	Size (inch)	(ý)	N	G	R	(e)	R	NL	G	P	4:	Υ	ŐĎ>	***************************************
5-56	Standpipe	flush	G	(P)	Size (inch)	Ø	N	(G)	R	Ģ	R	NL	G	P	Lidis securated from box bin comes of win ld.	Υ	Œ	
5-6	Standpipe	flush	(G)	P	Size (inch)	0	N	G	R	©	R	NL	CE	Р	5-44-10-3 -43-1	Υ	Ø)	The state of the s
5-7	Standpipe	Filish	(G)	B	Size (inch)	Ø	N	6	R	Œ	R	NL.	G	P		Υ	(B)	· .
5-8	Standpipe	Flush	©,	P	Size (inch)	0	N	O	R	Ę,	Ŕ	NL.	Œ	Р		Υ	(%)	
5-9	Standpipe	Flush	(G)	Р	Size (inch)	Ŏ	N	(^G)	R	(G)	R	NL	©	Р		γ	(1)	
5-98	Standpipe	Flush	0	p	Size (inch)	Œ	N	(G)	R	(Ĝ)	R	NL	(Ĝ)	P		γ	(N)	
					тота	L#CAP	S REPLA	\CED =	Ø			= TOTA	L#OFL	OCKS R	EPLACED			
Condition of Abando	Soll Boring P aned Monitori		G	Р	QA.	IFP	OOR, Bar	ings/Well	IDs or Lo	cation De	cription					Υ	N	
	n Compound oxes that app		Cond	tion of Er	iclosure		on of Are Enclosure		Com	pound Se	urity	Emerg	ency Cont Visible	act Info	Cleaning / Repairs Recommended and Conducted	Phot Con	os of lition	Repair Date and PM:Initials
Building w/ Fe Fenced Cor Trails	ng nce Comp. mpound		G	P	ĄŢĄ	G	p	ÑÃ	G	P	NIA	Υ	N	,N/A		Υ	(Ñ)	sacgui and a gaga a bha lathnin a Liann tha a' cuir an sea
Number of Drums On-site	Does the Source o	Label Rev of the Cor			ed Correcti riting Legib		Dro	ım Condil	lan	Gonfim Relat Enviror	ed to		s Located ess interf		Detailed Explanation of Any Issues Resolved	Phot Or Cond	ım	Date Grums Removed from Site and PM mitials
Ţ,	Y	N	NIA	Υ	N	MIA	G	Р	(N/A	Y	(j.)	γ	. N	(N/A		Y	W.	49704,000

G = Good (Acceptable)

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

Denn Regnel / Blaire Treh Services

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

INCIDENT #	
------------	--

98995842 1/4/B

DATE:

ADDRESS

CITY & STATE

WellID			Type Co		& Size	Well La	beled / ited	pon Arri Weil (Grir Conc	Cap oper)	Well L	ack Cor	dition	Sur	Pad / face dition	Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	1-3100300350	117 No. 17 12 13 13 13 13 13 13 13 13 13 13 13 13 13	Repair Date and PM Initials
5,40	Standpipe	Flush	€	p	Size (inch)	Ô	N	(Ġ	R	Ġ	R	NL	©	Р		Υ	()	
5.10	Standpipe	(Flush	©	þ	Size (inch)	8	N	©	R	©)	R	NL	(©)	Р		Υ	(N)	
5-11	Standpipe	Flüsh	(G)	р	Size (inch)	Č	N	(9	R	O	R	NL	(G)	P		Υ	(N)	
5-12	Standpipe	Flush	Ğ	Р	Size (inch)	Ø	N	Ġ)	R	0	R	NL	G	P		Υ	O ⁿ	
5-14	Standpipe	Flush	ß	Р	Size (inch)	Ő	N	Ġ	R	G	R	NL.	Ġ	P		γ	Ø	
5-15	Standpipe	Flush	e	р	Size (inch)	ی	N	G)	R	0	R	NL	G	р		Υ	Ø,	74
5R-1	Standpipe	Flush	© >	Р	Size (inch)	(Ý)	N	9	R	(G)	Ŕ	NL	(G)	Р		Υ	Œ,	
SR-2	Standpipe	Flush	(b)	р	Size (inch)	(F)	N	6	R	Ó	R	NL	ē	Р		Y	Ü	
58.3	Standpipe	Flush	(6)	Р	Size (inch)	Ó	N	0	R	<i>(</i> 6)	k	NL	Ó	P		Υ.	. (1):	
(-1	Standpipe	-Flush-	and the Green	encedynami.	Size (inch)	cinaterolysters	economist of anisons	nzame@hisen	marrios Processes	annin Genesia	- Pur	mandiff frame	nerono Greece	mentra feder	Crick iguge.		an Mari	
	Standpipe	Flush	G	p	Size (inch)	Y	N	G	R	G	R	NL	G	Р		Y	N	\ <u>.</u>
					TOTA	L#CAP	S REPLA	CED =	Φ.		q	= TOTA	L#OFL	OCKS RI	EPLACED			
	Sall Boring P oned Manitor			p	(Nisy	If P	OOR, Bor	Ings/Well	IDs or Lo	cation De	scription:					Υ	N	
	n Compound oxes that app		Cond	ition of Er	nciosure		on of Are Enclosure		Cam	pound Se	curity	Emerg	ency Con Visible	tact Info	Cleaning / Repairs Recommended and Conducted		os of iition	Repair Date and PM Initials
NA Build Building w/ Fo Fenced Co	ing ence Comp. mpound		G	Р	Ą	G	P	ĄŪĀ	G	P	(NJĀ	¥-	N	NFA		Y	Ŵ	
Number of Brims On-site	Does the	Label Res of the Cos	Control of the Contro		led Correct Inting Legil		Dr	ım Candl	tion		i Drums led to imental	3-3-12-1-12-22-31 FOR	s Located ess interf	31.54(34)35(1)343(3)	Detailed Explanation of Any Issues Resolved	Di	os of um lition	Date Drume Removed from Site and PM Initials
	Υ	N.	NA	Y	N	(A)	G	р	NÃ	Y	<'n	Υ	N	NA		Y.	Ø.	

G = Good (Acceptable)

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

R = Replaced

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

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

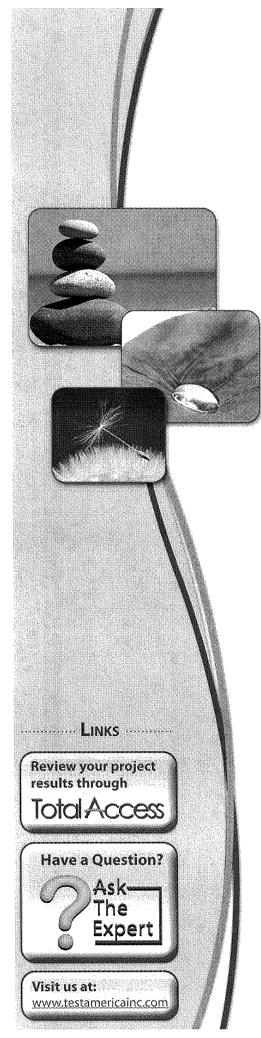
SHELL WELLHEAD REPAIR FORM

(FOR REPAIR TECHNICIAN)

Site Address	3	Replaced Cap Replaced Lock Replaced Lock Replaced Lock Replaced Lock Replaced Lock Replaced Lid Seal Annular															Date	1/25	5/13
Job Number	130	125	5-5	30	<u>//U</u>	- Т	ech	nicia	an	R	تاه)		· · ·			Page		
			·		n —										TI				
	T	T	г		╫	т	T	Teck	naica	tes de	ricie	T	Γ	1	 		<u></u>	Т	
Inspection Point (Well ID or description of location)	Well inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Casing	Annular Seal	Tabs / Bolts		Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (<u>greater</u> than 12" diameter)	Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto <i>BLAINE</i> . Repair Order	Remaining Deficiencies Logged onto Notitce of Deficient Condition - BLAINE Unable to Repair
		74	X				人	X									区之		
S-5C														• •					
	Well bo	x type	e / size	e: 	12"	En	ncċ	>		·····			Ma	aterial	s used:	18	sx Kit	- 4 h	7G S
	Notes:																		
	Well bo	Well box type / size: Materials used:																	
	Notes: Well box type / size: Materials used:																		
	Notes:																		
	Well bo	x type	/ size	:									Ма	iterials	s used:				
																,			
	Notes:																	٠	
	Well box	x type	/ size	:									Ma	iterials	s used:				
	Notes:																		
	Well box	k type	/ size	:									Ma	terials	s used:				·
	Notes:																		
	Well box	type	/ size										Ma	terials	s used:				

APPENDIX B

TESTAMERICA LABORATORIES, INC. – ANALYTICAL REPORTS



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine 17461 Derian Ave Suite 100

Irvine, CA 92614-5817 Tel: (949)261-1022

TestAmerica Job ID: 440-11658-1

Client Project/Site: 3790 Hopyard Rd., Pleasanton

For:

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

Attn: Peter Schaefrer

Philip Samble

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

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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Table of Contents	
Sample Summary	3
Client Sample Results	
Chronicle	5
QC Sample Results	6
QC Association	9
Definitions	10
Certification Summary	11
Chain of Custody	12
Receipt Checklists	13

Sample Summary

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

TestAmerica Job ID: 440-11658-1

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

Client Sample Results

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

TestAmerica Job ID: 440-11658-1

Client Sample ID: S-6

Lab Sample ID: 440-11658-1

Date Collected: 05/10/12 12:00 Date Received: 05/12/12 10:10 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	610		200		ug/L	-		05/20/12 16:00	4
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	89		80 - 120			-		05/20/12 16:00	4
4-Bromofluorobenzene (Surr)	93		80 - 120					05/20/12 16:00	4
Toluene-d8 (Surr)	105		80 - 120					05/20/12 16:00	4
Method: 8260B - Volatile Organ	nic Compounds (GC/MS)							
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			05/20/12 16:00	4
Toluene	ND		2.0		ug/L			05/20/12 16:00	4
Ethylbenzene	ND		2.0		ug/L			05/20/12 16:00	4
Xylenes, Total	ND		4.0		ug/L			05/20/12 16:00	4
Methyl-t-Butyl Ether (MTBE)	4.0		2.0		ug/L			05/20/12 16:00	4
tert-Butyl alcohol (TBA)	1200		40		ug/L			05/20/12 16:00	4
Ethanol	ND		600		ug/L			05/20/12 16:00	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		80 - 120					05/20/12 16:00	4
Dibromofluoromethane (Surr)	89		80 - 120					05/20/12 16:00	4
Toluene-d8 (Surr)	105		80 - 120					05/20/12 16:00	4

Lab Chronicle

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

TestAmerica Job ID: 440-11658-1

Client Sample ID: S-6

Lab Sample ID: 440-11658-1

Date Collected: 05/10/12 12:00

Matrix: Water

Date Received: 05/12/12 10:10

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

Laboratory References:

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

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

Lab Sample ID: MB 440-27429/4

Matrix: Water

Analysis Batch: 27429

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB MB					
Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Benzene	ND	0.50	ug/L		05/20/12 09:59	1
Toluene	ND	0.50	ug/L		05/20/12 09:59	1
Ethylbenzene	ND	0.50	ug/L		05/20/12 09:59	1
Xylenes, Total	ND	1.0	ug/L		05/20/12 09:59	1
Methyl-t-Butyl Ether (MTBE)	ND	0.50	ug/L		05/20/12 09:59	1
tert-Butyl alcohol (TBA)	ND	10	ug/L		05/20/12 09:59	1
Ethanol	ND	150	ug/L		05/20/12 09:59	1

MB MB

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

Lab Sample ID: LCS 440-27429/5

Matrix: Water

Analysis Batch: 27429

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS			%Rec.
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits
Benzene	25.0	21.7	ug/L		87	70 - 120
Toluene	25.0	23.2	ug/L		93	70 - 120
Ethylbenzene	25.0	21.6	ug/L		86	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	20.4	ug/L		82	60 _ 135
tert-Butyl alcohol (TBA)	125	112	ug/L		90	70 _ 135
Ethanol	250	216	ug/L		86	40 _ 155
m,p-Xylene	50.0	48.4	ug/L		97	75 _ 125
o-Xylene	25.0	24.1	ug/L		96	75 _ 125
I and the second						

LCS LCS

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

Lab Sample ID: 440-12015-B-4 MS

Matrix: Water

Analysis Batch: 27429

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

	Sample	Sample	Spike	MS	MS			%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Jnit	D %Rec	Limits
Benzene	ND		25.0	23.7		ıg/L	93	65 - 125
Toluene	ND		25.0	25.3		ıg/L	99	70 - 125
Ethylbenzene	ND		25.0	23.9	i	ıg/L	96	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	22.9	(ug/L	91	55 - 145
tert-Butyl alcohol (TBA)	ND		125	115	1	ug/L	92	65 - 140
Ethanol	ND		250	203	ı	ug/L	81	40 - 155
m,p-Xylene	ND		50.0	52.9	1	ug/L	106	65 - 130
o-Xylene	ND		25.0	26.8	1	ug/L	107	65 - 125

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

QC Sample Results

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

TestAmerica Job ID: 440-11658-1

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

Lab Sample ID: 440-12015-B-4 MS

Matrix: Water

Analysis Batch: 27429

Client Sample ID: Matrix Spike

Prep Type: Total/NA

MS MS

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

Lab Sample ID: 440-12015-B-4 MSD

Matrix: Water

Analysis Batch: 27429

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	23.9		ug/L		94	65 - 125	1	20
Toluene	ND		25.0	25.3		ug/L		99	70 - 125	0	20
Ethylbenzene	ND		25.0	23.6		ug/L		94	65 - 130	1	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.5		ug/L		98	55 - 145	7	25
tert-Butyl alcohol (TBA)	ND		125	112		ug/L		90	65 - 140	2	25
Ethanol	ND		250	213		ug/L		85	40 _ 155	5	30
m,p-Xylene	ND		50.0	52.2		ug/L		104	65 - 130	1	25
o-Xylene	ND		25.0	26.4		ug/L		106	65 - 125	1	20

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

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

мв мв

Lab Sample ID: MB 440-27430/4

Matrix: Water

Analysis Batch: 27430

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	D)	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L				05/20/12 09:59	1
	MD	MD								

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

Lab Sample ID: LCS 440-27430/6

Matrix: Water

(C4-C12)

Analysis Batch: 27430

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

LCS LCS Spike %Rec. Added Result Qualifier Unit Limits Analyte %Rec 500 513 ug/L 103 55 - 130 Volatile Fuel Hydrocarbons

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

QC Sample Results

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

TestAmerica Job ID: 440-11658-1

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

Lab Sample ID: 440-12015-B-4 MS

Matrix: Water

Analysis Batch: 27430

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Sample Sample Spike MS MS %Rec. Result Qualifier Added Result Qualifier Unit D %Rec Limits Analyte 50 - 145 ND 1730 1250 ug/L Volatile Fuel Hydrocarbons

(C4-C12)

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

Lab Sample ID: 440-12015-B-4 MSD

Matrix: Water

Analysis Batch: 27430

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

RPD MSD MSD %Rec. Sample Sample Spike Result Qualifier D Limits RPD Limit Result Qualifier Added Unit %Rec Analyte 73 50 - 145 20 1730 1260 Volatile Fuel Hydrocarbons ND ug/L (C4-C12)

 Surrogate
 %Recovery
 Qualifier
 Limits

 Dibromofluoromethane (Surr)
 89
 80 - 120

 4-Bromofluorobenzene (Surr)
 97
 80 - 120

 Toluene-d8 (Surr)
 103
 80 - 120

QC Association Summary

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

TestAmerica Job ID: 440-11658-1

GC/MS VOA

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

Analysis Batch: 27430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11658-1	S-6	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-12015-B-4 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-12015-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 440-27430/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 440-27430/4	Method Blank	Total/NA	Water	8260B/CA_LUFT	
				MS	

Definitions/Glossary

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

TestAmerica Job ID: 440-11658-1

Glossary

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

Certification Summary

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

TestAmerica Job ID: 440-11658-1

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

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

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5/30/2012

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-11658-1

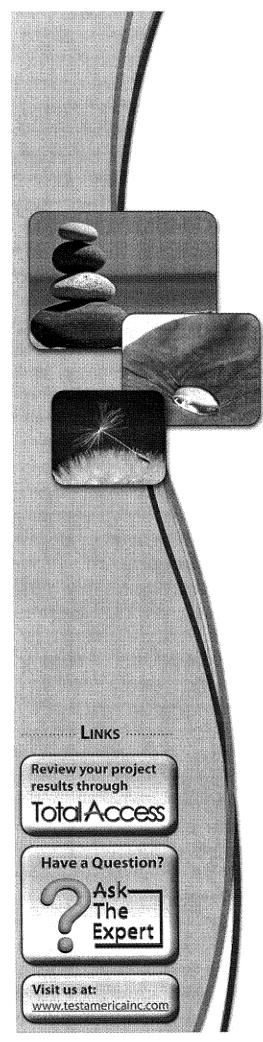
Login Number: 11658

List Number: 1

Creator: Robb, Kathleen

List Source: TestAmerica Irvine

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



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

Tel: (949)261-1022

TestAmerica Job ID: 440-16808-1

Client Project/Site: 3790 Hopyard Rd., Pleasanton

For

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

Attn: Peter Schaefer

Authorized for release by: 7/24/2012 10:21:03 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.

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

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Sample Summary

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

TestAmerica Job ID: 440-16808-1

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

Case Narrative

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

TestAmerica Job ID: 440-16808-1

Job ID: 440-16808-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-16808-1

Comments

No additional comments.

Receipt

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

GC/MS VOA

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

TestAmerica Irvine 7/24/2012

Client Sample Results

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

TestAmerica Job ID: 440-16808-1

Client Sample ID: S-6

Date Collected: 07/06/12 10:10 Date Received: 07/10/12 09:35 Lab Sample ID: 440-16808-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	520		130		ug/L			07/14/12 05:30	2.5
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	110		80 - 120			-		07/14/12 05:30	2.5
4-Bromofluorobenzene (Surr)	102		80 - 120					07/14/12 05:30	2.5
Toluene-d8 (Surr)	105		80 - 120					07/14/12 05:30	2.5
Method: 8260B - Volatile Orga	•	(GC/MS) Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	Qualifier	1.3	MIDE	ug/L		ricpaicu	07/14/12 05:30	2.5
Toluene	ND.		1.3		ug/L			07/14/12 05:30	2.5
Ethylbenzene	ND		1.3		ug/L			07/14/12 05:30	2.5
Xylenes, Total	ND		2.5		ug/L			07/14/12 05:30	2.5
Methyl-t-Butyl Ether (MTBE)	4.7		1.3		ug/L			07/14/12 05:30	2.5
tert-Butyl alcohol (TBA)	2500		25	,	ug/L			07/14/12 05:30	2.5
Ethanol	ND		380		ug/L			07/14/12 05:30	2.5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 _ 120					07/14/12 05:30	2.5
Dibromofluoromethane (Surr)	110		80 - 120					07/14/12 05:30	2.5
Toluene-d8 (Surr)	105		80 - 120					07/14/12 05:30	2.5

Lab Chronicle

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

TestAmerica Job ID: 440-16808-1

Client Sample ID: S-6

Lab Sample ID: 440-16808-1

Matrix: Water

Date	Collected:	07/06/12	10:10
Date	Received:	07/10/12	09:35

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

Laboratory References:

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

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

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

Lab Sample ID: MB 440-38690/4 Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA

Analysis Batch: 38690

	MB MB					
Analyte	Result Qualifier	RL	MDL. Unit	D Prepared	Analyzed	Dil Fac
Benzene	ND	0.50	ug/L		07/13/12 19:33	1
Toluene	ND	0.50	ug/L		07/13/12 19:33	1
Ethylbenzene	ND	0.50	ug/L		07/13/12 19:33	1
Xylenes, Total	ND	1.0	ug/L		07/13/12 19:33	1
Methyl-t-Butyl Ether (MTBE)	ND	0.50	ug/L		07/13/12 19:33	1
tert-Butyl alcohol (TBA)	ND	10	ug/L		07/13/12 19:33	1
Ethanol	ND	150	ug/L		07/13/12 19:33	1

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Fac

 4-Bromofluorobenzene (Surr)
 104
 80 - 120
 07/13/12 19:33
 1

 Dibromofluoromethane (Surr)
 99
 80 - 120
 07/13/12 19:33
 1

80 - 120

Lab Sample ID: LCS 440-38690/5 Client Sample ID: Lab Control Sample

102

Matrix: Water

Toluene-d8 (Surr)

Analysis Batch: 38690

Prep Type: Total/NA

07/13/12 19:33

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	25.0	24.6		ug/L		99	70 - 120	
Toluene	25.0	26.8		ug/L		107	70 - 120	
Ethylbenzene	25.0	29.3		ug/L		117	75 - 125	
Methyl-t-Butyl Ether (MTBE)	25.0	23.7		ug/L		95	60 _ 135	
tert-Butyl alcohol (TBA)	125	144		ug/L		116	70 _ 135	
Ethanol	250	285		ug/L		114	40 _ 155	
m,p-Xylene	50.0	58.8		ug/L		118	75 - 125	
o-Xylene	25.0	29.3		ug/L		117	75 - 125	

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 109
 80 - 120

 Dibromofluoromethane (Surr)
 99
 80 - 120

 Toluene-d8 (Surr)
 102
 80 - 120

Lab Sample ID: 440-16707-A-1 MS

Matrix: Water

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

Analysis Batch: 38690									
	Sample	Sample	Spike	MS	MS				%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	ND		25.0	23.2		ug/L		93	65 - 125
Toluene	ND		25.0	25.3		ug/L		101	70 - 125
Ethylbenzene	ND		25.0	26.2		ug/L		105	65 - 130
Methyl-t-Butyl Ether (MTBE)	1.4		25.0	26.0		ug/L		98	55 ₋ 145
tert-Butyl alcohol (TBA)	ND		125	146		ug/L		117	65 ₋ 140
Ethanol	ND		250	233		ug/L		93	40 _ 155
m,p-Xylene	ND		50.0	52.2		ug/L		104	65 _ 130
o-Xylene	ND		25.0	26.5		ug/L		106	65 - 125
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	107		80 - 120						

Limits

80 - 120

80 - 120

Client: Conestoga-Rovers & Associates, Inc.

Project/Site: 3790 Hopyard Rd., Pleasanton

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

Lab Sample ID: 440-16707-A-1 MS

Matrix: Water

Surrogate

Analysis Batch: 38690

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

MS MS Qualifier %Recovery Dibromofluoromethane (Surr) 103

101

Lab Sample ID: 440-16707-A-1 MSD

Matrix: Water

Toluene-d8 (Surr)

Analysis Batch: 38690

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	23.8		ug/L		95	65 - 125	3	20
Toluene	ND		25.0	25.9		ug/L		104	70 - 125	3	20
Ethylbenzene	ND		25.0	27.2		ug/L		109	65 - 130	4	20
Methyl-t-Butyl Ether (MTBE)	1.4		25.0	26.1		ug/L		99	55 _ 145	0	25
tert-Butyl alcohol (TBA)	ND		125	147		ug/L		117	65 . 140	0	25
Ethanol	ND		250	251		ug/L		100	40 - 155	8	30
m,p-Xylene	ND.		50.0	54.0		ug/L		108	65 - 130	3	25
o-Xylene	ND		25.0	27.1		ug/L		108	65 - 125	2	20

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

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

мв мв

Lab Sample ID: MB 440-38691/4 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 38691

Prep Type: Total/NA

Result Qualifier MDL Unit Prepared Analyzed Dil Fac 50 ug/L 07/13/12 19:33 Volatile Fuel Hydrocarbons (C4-C12) ND MR ME

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

Lab Sample ID: LCS 440-38691/6 Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA

Analysis Batch: 38691

(C4-C12)

Spike LCS LCS %Rec. Added Result Qualifier Unit %Rec Limits Analyte 55 - 130 500 525 ug/L 105 Volatile Fuel Hydrocarbons

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

QC Sample Results

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

Surrogate

Toluene-d8 (Surr)

Dibromofluoromethane (Surr)

4-Bromofluorobenzene (Surr)

TestAmerica Job ID: 440-16808-1

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

%Recovery

102

107

101

Qualifier

Lab Sample ID: 440-16707-A-1 MS Client Sample ID: Matrix Spike Matrix: Water Prep Type: Total/NA Analysis Batch: 38691 Sample Sample Spike MS MS %Rec. Limits Result Qualifier Added Result Qualifier D Analyte Unit %Rec ND 1730 2060 118 50 - 145 Volatile Fuel Hydrocarbons ug/L (C4-C12) MS MS %Recovery Qualifier Surrogate Limits Dibromofluoromethane (Surr) 103 80 - 120 4-Bromofluorobenzene (Surr) 107 80 - 120 Toluene-d8 (Surr) 80 - 120 101 Client Sample ID: Matrix Spike Duplicate Lab Sample ID: 440-16707-A-1 MSD Matrix: Water Prep Type: Total/NA Analysis Batch: 38691 Sample Sample Spike MSD MSD %Rec. RPD Result Qualifier Added Result Qualifier Analyte Unit Limits RPD Limit D %Rec Volatile Fuel Hydrocarbons ND 1730 2100 ug/L 120 50 - 145 2 20 (C4-C12) MSD MSD

Limits

80 - 120

80 - 120

80 - 120

QC Association Summary

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

TestAmerica Job ID: 440-16808-1

GC/MS VOA

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

Analysis Batch: 38691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-16707-A-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-16707-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-16808-1	S-6	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 440-38691/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 440-38691/4	Method Blank	Total/NA	Water	8260B/CA_LUFT	
				MS	

Definitions/Glossary

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

TestAmerica Job ID: 440-16808-1

Glossary

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

Certification Summary

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

TestAmerica Job ID: 440-16808-1

Laboratory: TestAmerica Irvine

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

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

Shell Oil Products Chain Of Custody Record LAB (LOCATION) CALSCIENCE (_ INCIDENT#(ENV SERVICES) Please Check Appropriate Box: Print Bill To Contact Name: CHECK IF NO INCIDENT # APPLIES SPL Houston (___ SHELL RETAIL ☐ MOTIVA RETAIL ENV. SERVICES 200497 Peter Schaefer XENCO (LUBES SAP# MOTIVA SD&CM ☑ CONSULTANT PO # TEST AMERICA (IRVINE) SHELL PIPELINE ☐ OTHER 5 OTHER (SAMPLING COMPANY CA BTSS 3790 Hopyard Rd., Pleasanton T0600101267 Blaine Tech Services 510-420-3343 ShellEDF@CRAWorld.com 200497-95-12.02 1680 Rogers Avenue, San Jose, CA Brenda Carter, CRA, Emeryville, CA hell-US-LabDataManagement@CRAworld.com PROJECT CONTACT (Hardcopy of PDF Report to): Lorin King Kenneth (310) 885-4455 x 108 (310) 637-5802 Iking@blainetech.com TURNAROUND TIME (CALENDAR DAYS): REQUESTED ANALYSIS 3 DAYS 2 DAYS Z4 HOURS RESULTS NEEDED ON WEEKEND STANDARD (14 DAY) 5 DAYS UST AGENCY: ☐ LA - RWOCB REPORT FORMAT TEMPERATURE ON RECEIP! SHELL CONTRACT RATE APPLIES SPECIAL INSTRUCTIONS OR NOTES: BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B ☐ STATE REIMBURSEMENT RATE APPLIES 1) Please upload the "CRA EQuIS 4-file EDD" to the CRA Website (http://craiabeddupload.craworld.com/equis/default.aspx) and/or send it to the Sheil-US-LabDataManagement@CRAworld.com email folder. 2) Please Indicate that you have uploaded EDD NOT NEEDED RECEIPT VERIFICATION REQUESTED the EDD by including "EDD Uploaded to CRA website" in the body of the email used to deliver the TPH-DRO, Extractable (8015M) final PDF report to the Shell-US-LabDataManagement@CRAworld.com email folder. BTEX + MTBE + TBA (8260B) Copy final report to Shell.Lab.Billing@craworld.com, ShellEDF@craworld.com, Shell-US-BTEX + MTBE (8260B) VOCs Full list (8260B) LabDataManagement@CRAworld.com, and pschaefer@CRAWorld.com Page Email invoice to Shell.Lab.Billing@craworld.com Single Compound Matrix Codes - WG (groundwater), WS (surface water), 1,2 DCA (8260B) Ethanol (8260B) WP (drinking water source), W (Trip or Temp Blank) BTEX (8260B) EDB (8260B) SAMPLE ID PRESERVATIVE NO. OF Container PID Readings SAMPLER ₫ PROJECT NUMBER WELL ID TIME or Laboratory Notes USE (MMDDYY) H2SO4 NONE ONLY 1207065E2 1018 070612 Sample Custodian 1200

Login Sample Receipt Checklist

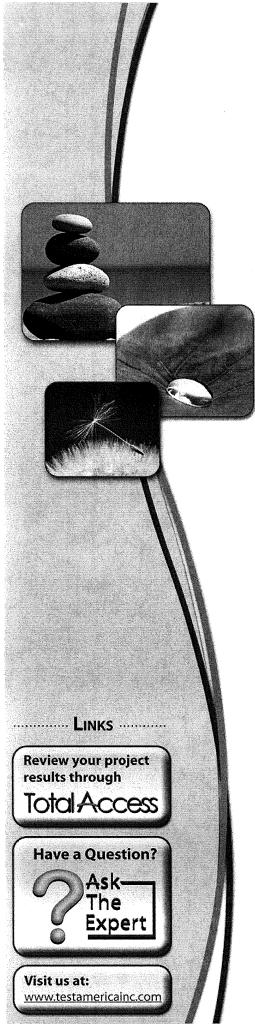
Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-16808-1

Login Number: 16808

List Number: 1 Creator: Kim, Will List Source: TestAmerica Irvine

uestion	Answer	Comment	
adioactivity either was not measured or, if measured, is at or below ackground	N/A		
ne cooler's custody seal, if present, is intact.	N/A		
ne cooler or samples do not appear to have been compromised or mpered with.	True		
amples were received on ice.	True		
ooler Temperature is acceptable.	True		
ooler Temperature is recorded.	True		
OC is present.	True		
OC is filled out in ink and legible.	True		
OC is filled out with all pertinent information.	True		
the Field Sampler's name present on COC?	True	Kenneth Sim	
here are no discrepancies between the sample IDs on the containers and se COC.	True		
amples are received within Holding Time.	True		
ample containers have legible labels.	True		
ontainers are not broken or leaking.	False	two out of three voas were broken in transit.	
ample collection date/times are provided.	True		
ppropriate sample containers are used.	True		
ample bottles are completely filled.	True		
ample Preservation Verified.	True		
here is sufficient vol. for all requested analyses, incl. any requested IS/MSDs	True		
OA sample vials do not have headspace or bubble is <6mm (1/4") in iameter.	True		
Iultiphasic samples are not present.	True		
amples do not require splitting or compositing.	True		
esidual Chlorine Checked.	N/A		



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 440-27742-1

Client Project/Site: 3790 Hopyard Rd., Pleasanton

For:

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

Attn: Peter Schaefer

Philip Simile

Authorized for release by: 11/5/2012 5:27:13 PM

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: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-27742-1

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

Case Narrative

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

TestAmerica Job ID: 440-27742-1

Job ID: 440-27742-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-27742-1

Comments

No additional comments.

Receipt

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

GC/MS VOA

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

No other analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

TestAmerica Irvine 11/5/2012

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

TestAmerica Job ID: 440-27742-1

Client Sample ID: S-6

Lab Sample ID: 440-27742-1

Date Collected: 10/19/12 10:45 Date Received: 10/25/12 10:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	860		250		ug/L			11/02/12 02:12	5
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		80 - 120			-		11/02/12 02:12	5
4-Bromofluorobenzene (Surr)	93		80 - 120					11/02/12 02:12	5
Toluene-d8 (Surr)	96		80 - 120					11/02/12 02:12	5
Benzene	ND		2.5		ug/L	-		11/02/12 02:12	5
Method: 8260B - Volatile Orga Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
					-				_
Toluene	ND		2.5		ug/L			11/02/12 02:12	5
Ethylbenzene	ND		2.5		ug/L			11/02/12 02:12	5
Xylenes, Total	ND		5.0		ug/L			11/02/12 02:12	5
Methyl-t-Butyl Ether (MTBE)	3.8		2.5		ug/L			11/02/12 02:12	5
tert-Butyl alcohol (TBA)	2200		50		ug/L			11/02/12 02:12	5
Ethanol	ND		750		ug/L			11/02/12 02:12	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Surrogate 4-Bromofluorobenzene (Surr)	%Recovery	Qualifier	80 - 120			-	Prepared	Analyzed 11/02/12 02:12	Dil Fac
		Qualifier				-	Prepared		

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

TestAmerica Job ID: 440-27742-1

Client Sample ID: S-6

Lab Sample ID: 440-27742-1

Date Collected: 10/19/12 10:45

Matrix: Water

Date	Collectea:	10/19/12	10:45
Date	Received:	10/25/12	10:00

Merch.	Batch	Batch		Dil	Initial		Fina	al	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amoun	ıt	Amo	unt	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	***************************************	5	10 m	nL	10	mL	63579	11/02/12 02:12	RM	TAL IRV
 Total/NA	Analysis	8260B/CA_LUFTMS		5	10 m	nL	10	mL	63580	11/02/12 02:12	RM	TAL IRV

Laboratory References:

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

TestAmerica Job ID: 440-27742-1

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

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

Lab San	nple ID:	MB 440	-63579/4
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Matrix: Water

Analysis Batch: 63579

Client Sample ID: Method Blank

Prep Type: Total/NA

	MR MR					
Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Benzene	ND ND	0.50	ug/L		11/01/12 20:35	1
Toluene	ND	0.50	ug/L		11/01/12 20:35	1
Ethylbenzene	ND	0.50	ug/L		11/01/12 20:35	1
Xylenes, Total	ND	1.0	ug/L		11/01/12 20:35	1
Methyl-t-Butyl Ether (MTBE)	ND	0.50	ug/L		11/01/12 20:35	1
tert-Butyl alcohol (TBA)	ND	10	ug/L		11/01/12 20:35	1
Ethanol	ND	150	ug/L		11/01/12 20:35	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93	80 - 120	11/01/12 20:3	<u> </u>
Dibromofluoromethane (Surr)	92	80 _ 120	11/01/12 20:3	5 1
Toluene-d8 (Surr)	97	80 - 120	11/01/12 20:3	5 1

Lab Sample ID: LCS 440-63579/5

Matrix: Water

Analysis Batch: 63579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Spike LCS LCS %Rec. Analyte Added Qualifier Result Unit %Rec Limits Benzene 25.0 21.7 ug/L 87 70 - 120 Toluene 25.0 24.5 ug/L 98 70 - 120 Ethylbenzene 25.0 24.6 ug/L 98 75 - 125 Methyl-t-Butyl Ether (MTBE) 25.0 19.1 ug/L 77 60 - 135

tert-Butyl alcohol (TBA) 125 137 110 70 - 135 ug/L Ethanol 250 384 ug/L 154 40 _ 155 m,p-Xylene 50.0 47.9 ug/L 96 75 - 125 o-Xylene 25.0 24.2 ug/L 97 75 - 125

80 - 120

80 - 120

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 91 80 - 120

Dibromofluoromethane (Surr) 94 Toluene-d8 (Surr) 97

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

Analysis Batch: 63579

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

MS MS

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

QC Sample Results

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

TestAmerica Job ID: 440-27742-1

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

Lab Sample ID: 440-27847-A-1 MS

Matrix: Water

Analysis Batch: 63579

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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

Lab Sample ID: 440-27847-A-1 MSD

Matrix: Water

Analysis Batch: 63579

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analysis Daten. 00070											
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	21.5		ug/L		86	65 - 125	0	20
Toluene	ND		25.0	24.2		ug/L		97	70 - 125	0	20
Ethylbenzene	ND		25.0	23.5		ug/L		94	65 - 130	2	20
Methyl-t-Butyl Ether (MTBE)	1.7		25.0	20.9		ug/L		77	55 - 145	1	25
tert-Butyl alcohol (TBA)	68		125	200		ug/L		106	65 - 140	4	25
Ethanol	ND		250	375		ug/L		150	40 _ 155	1	30
m,p-Xylene	ND		50.0	44.6		ug/L		89	65 - 130	4	25
o-Xylene	ND		25.0	23.4		ug/L		93	65 - 125	0	20

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

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

Lab Sample ID: MB 440-63580/4 Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA

Analysis Batch: 63580

	IVIB	IMP							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L	anamous.		11/01/12 20:35	1

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

Lab Sample ID: LCS 440-63580/6

Matrix: Water

Analysis Batch: 63580

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

			Spike	LCS	LCS				%Rec.	
	Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Volatile Fuel Hydrocarbons		500	482		ug/L	_	96	55 ₋ 130	
1	(C4-C12)									

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

QC Sample Results

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

TestAmerica Job ID: 440-27742-1

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

Lab Sample ID: 440-27847-A-1 MS Client Sample ID: Matrix Spike Matrix: Water Prep Type: Total/NA Analysis Batch: 63580

Spike MS MS %Rec. Sample Sample Limits Analyte Result Qualifier Added Result Qualifier Unit D %Rec Volatile Fuel Hydrocarbons 76 1730 1310 ug/L 50 - 145

(C4-C12)

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

Lab Sample ID: 440-27847-A-1 MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Water Prep Type: Total/NA

Analysis Batch: 63580

Sample Sample Spike MSD MSD %Rec. RPD Result Qualifier Added Analyte Result Qualifier %Rec Limits RPD Limit Unit D 76 1730 1290 ug/L 70 50 - 145 20 Volatile Fuel Hydrocarbons

(C4-C12)

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

QC Association Summary

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

TestAmerica Job ID: 440-27742-1

GC/MS VOA

Ana	lysis	Batc	h:	63579
-----	-------	------	----	-------

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

Analysis Batch: 63580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-27742-1	S-6	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-27847-A-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT	
				MS	
440-27847-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 440-63580/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 440-63580/4	Method Blank	Total/NA	Water	8260B/CA_LUFT	
				MS	

Definitions/Glossary

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

TestAmerica Job ID: 440-27742-1

Glossary

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

Certification Summary

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

TestAmerica Job ID: 440-27742-1

Laboratory: TestAmerica Irvine

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

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

LAB (LOCATION)			Shell Oil	Products Chain Of Cus	-	, , , , , , , , , , , , , , , , , , , ,	11/4
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SPL Houston ()	ENV. SERVICES	MOTIVA RETAIL	SHELL RETAIL	200497 Peter Schaefer	9 8 9	9 9 5 8 4 2	DATE: 10/19/17
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☑ TEST AMERICA (IRVINE) ☐ OTHER ()	SHELL PIPELINE	OTHER				1 3 5 7 8 4	PAGE.
SAMPLING COMPANY:		LOG CODE:		SITE ADDRESS: Street and City	State	GLOBAL ID NO.:	
Blaine Tech Services		BTSS		3790 Hopyard Rd., Pleasanton	PHONE NO.: E-W	T0600101267 ·	CONSULTANT PROJECT NO.
1680 Rogers Avenue, San Jose, CA				Brenda Carter, CRA, Emeryville, CA	510-420-3343	hellEDF@CRAWorld.com hell-US-LabDataManagement(200497-95-12.02
PROJECT CONTACT (Hardcopy or POF Report to): Lorin King		•		SAMPLER NAME(S) (Print):]		USE ONLY.
TELEPHONE: (310) 885-4455 x 108 (310) 637-	5802 E-MAIL-	Iking@blainetech.com		P. Lornish		17	
TURNARQUND TIME (CALENDAR DAYS):	2 DAYS 24 HOL	IRS RESULTS	NEEDED ON WEEKEND	·	REQUESTE	D ANALYSIS	
LA - RWQCB REPORT FORMAT	Υ;			E, (8260B)			TEMPERATURE ON RECEIP
SPECIAL INSTRUCTIONS OR NOTES: 1) Pigase upload the "CRA EQuIS 4-file EDD" to the (http://cralabeddupload.craworld.com/equis/default.el. LabDataManagement@CRAworld.com email folder. the EDD by including "EDD Uploaded to CRA websit final PDF report to the Shell-US-LabDataManagemed Copy final report to Shell.Lab.Billing@craworld.clabDataManagement@CRAworld.com, and pschemail invoice to Shell.Lab.Billing@craworld.com	spx) and/or send it to the Shell-Us 2) Please Indicate that you have e" in the body of the email used to ent@CRAworld.com email folder. com, ShellEDF@craworld.com,	G-	ESEMENT RATE APPLIES CATION REQUESTED	io (8260B) Lote (8015M) OB) A (4260B) TBE, TBA, DIPE, TAM OB)	(8)		
- Children and the control of the co		WP (drinking water source)		Purg Extra 38) 38) 3XYS 3XYS 18 (18 (18 (18 (18 (18 (18 (18 (18 (18 (B) 260B 8015		
SAMPLEID		≥ PRESERV		3RO, Pury DRO, Extr (8260B) + MTBE + MTBE + 5 OXY 8260B Full list e Compoo	ol (8:		
LAB PROJECT NUMBER (MMDDYY)	SAMPLER WELL ID TIM		NO. OF CONT.	TPH-GRO, Purgeat TPH-DRO, Extracta BTEX (8260B) BTEX + MTBE (826 BTEX + MTBE + TE BTEX + GOVYS (M ETBE) 8260B VOCs Full list (826 Single Compound 1,2 DCA (8260B)	EDB (8260B) Ethanol (8260B) Methanol (8015B)		Container PID Readings or Laboratory Notes
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Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-27742-1

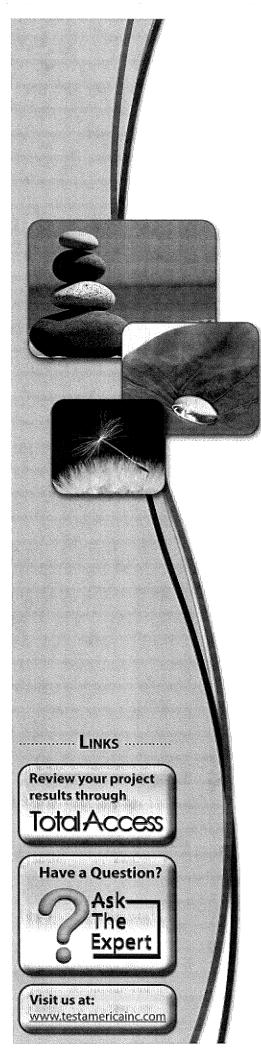
Login Number: 27742

List Number: 1

Creator: Freitag, Kevin R

List Source: TestAmerica Irvine

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



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 440-34458-1

Client Project/Site: 3790 Hopyard Rd., Pleasanton

For:

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

Attn: Peter Schaefer

Philip Samuele

Authorized for release by: 1/17/2013 10:45:13 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: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-34458-1

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

Case Narrative

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

TestAmerica Job ID: 440-34458-1

Job ID: 440-34458-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-34458-1

Comments

No additional comments.

Receipt

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

GC/MS VOA

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

No other analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-2

Date Collected: 01/04/13 14:00 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	1200		50		ug/ L			01/11/13 23:09	1
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		80 - 120			-		01/11/13 23:09	1
4-Bromofluorobenzene (Surr)	106		80 _ 120					01/11/13 23:09	1
Toluene-d8 (Surr)	106		80 - 120					01/11/13 23:09	1
Method: 8260B - Volatile Orga	nic Compounds (GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.7	***************************************	0.50	······································	ug/L			01/11/13 23:09	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 23:09	1

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

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

Client Sample ID: S-3 Lab Sample ID: 440-34458-2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 23:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99	***************************************	80 _ 120			-		01/11/13 23:36	1
4-Bromofluorobenzene (Surr)	102		80 ₋ 120					01/11/13 23:36	1
, _, _, _, _, _, _, _, _, _, _, _, _, _,									

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

TestAmerica Irvine

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-3

Date Collected: 01/04/13 13:30 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-2

Matrix: Water

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

Client Sample ID: S-4

Date Collected: 01/04/13 13:10

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND	<u> </u>	50		ug/L			01/12/13 00:04	• 1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		80 - 120			-		01/12/13 00:04	1
4-Bromofluorobenzene (Surr)	104		80 - 120					01/12/13 00:04	. 1
Toluene-d8 (Surr)	105		80 - 120					01/12/13 00:04	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 00:04	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 00:04	1
Ethanol	ND		150		ug/L			01/12/13 00:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 00:04	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 00:04	1
Methyl-t-Butyl Ether (MTBE)	2.6		0.50		ug/L			01/12/13 00:04	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 00:04	1
tert-Butyl alcohol (TBA)	270		10		ug/L			01/12/13 00:04	1
Toluene	ND		0.50		ug/L			01/12/13 00:04	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120			-		01/12/13 00:04	
Dibromofluoromethane (Surr)	101		80 - 120					01/12/13 00:04	1
Toluene-d8 (Surr)	105		80 ₋ 120					01/12/13 00:04	1

Client Sample ID: S-5

Date Collected: 01/04/13 13:40

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	330		50		ug/L			01/12/13 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		80 - 120			_		01/12/13 00:29	1
4-Bromofluorobenzene (Surr)	107		80 - 120					01/12/13 00:29	1
Toluene-d8 (Surr)	. 108		80 - 120					01/12/13 00:29	1
 Method: 8260B - Volatile Orga	nic Compounds (GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.1		0.50		ug/L			01/12/13 00:29	1

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-5

Date Collected: 01/04/13 13:40 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 00:29	1
Ethanol	ND		150		ug/L			01/12/13 00:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 00:29	1
Ethylbenzene	0.82		0.50		ug/L			01/12/13 00:29	1
Methyl-t-Butyl Ether (MTBE)	4.0		0.50		ug/L			01/12/13 00:29	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 00:29	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 00:29	1
Toluene	ND		0.50		ug/L			01/12/13 00:29	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		80 - 120			-		01/12/13 00:29	1
Dibromofluoromethane (Surr)	101		80 - 120					01/12/13 00:29	. 1
Toluene-d8 (Surr)	108		80 - 120					01/12/13 00:29	1

Client Sample ID: S-5B

Toluene-d8 (Surr)

Date Collected: 01/04/13 12:05

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-5

Matrix: Water

Date Received: 01/08/13 09:50									
Method: 8260B/CA_LUFTMS - Vo	latile Organic	Compound	s by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Volatile Fuel Hydrocarbons (C4-C12)	ND		50	,	ug/L			01/12/13 00:56	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		80 - 120			_		01/12/13 00:56	-
4-Bromofluorobenzene (Surr)	102		80 _ 120					01/12/13 00:56	1
Toluene-d8 (Surr)	105		80 - 120					01/12/13 00:56	•
– Method: 8260B - Volatile Organio	: Compounds	(GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 00:56	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 00:56	1
Ethanol	ND		150		ug/L			01/12/13 00:56	1
Ethyl-t-hutyl ether (ETBE)	ND		0.50		ua/l			01/12/13 00:56	1

Ethyl-t-butyl ether (ETBE)	ND	0.50	ug/L		01/12/13 00:56	1
Ethylbenzene	ND	0.50	ug/L		01/12/13 00:56	1
Methyl-t-Butyl Ether (MTBE)	0.87	0.50	ug/L		01/12/13 00:56	1
Tert-amyl-methyl ether (TAME)	ND	0.50	ug/L		01/12/13 00:56	1
tert-Butyl alcohol (TBA)	ND	10	ug/L		01/12/13 00:56	1
Toluene	ND	0.50	ug/L		01/12/13 00:56	1
Xylenes, Total	ND	1.0	ug/L		01/12/13 00:56	1
Surrogate	%Recovery Qualif	ier Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102	80 - 120			01/12/13 00:56	1
Dibromofluoromethane (Surr)	97	80 - 120			01/12/13 00:56	1

80 - 120

105

01/12/13 00:56

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-5C

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

Lab Sample ID: 440-34458-6

Matrix: Water

Method: 8260B/CA_LUFTMS - Vo	latile Organic	Compound	s by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		80 - 120			-		01/12/13 01:23	1
4-Bromofluorobenzene (Surr)	105		80 - 120					01/12/13 01:23	1
Toluene-d8 (Surr)	103		80 - 120					01/12/13 01:23	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 01:23	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 01:23	1
Ethanol	. ND		150		ug/L			01/12/13 01:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 01:23	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 01:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/12/13 01:23	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 01:23	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 01:23	1
Toluene	ND		0.50		ug/L			01/12/13 01:23	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120			-		01/12/13 01:23	1
Dibromofluoromethane (Surr)	99		80 - 120					01/12/13 01:23	1
Toluene-d8 (Surr)	103		80 - 120					01/12/13 01:23	1

Client Sample ID: S-6

Date Collected: 01/04/13 10:10

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons	660		50		ug/L			01/10/13 11:36	1
(C4-C12)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	94		80 - 120			-		01/10/13 11:36	1
4-Bromofluorobenzene (Surr)	104		80 - 120					01/10/13 11:36	1
Toluene-d8 (Surr)	105		80 - 120					01/10/13 11:36	1
– Method: 8260B - Volatile Orga	nic Compounds ((GC/MS)		•					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/10/13 11:36	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/10/13 11:36	1

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

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-6

Date Collected: 01/04/13 10:10 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-7

Matrix: Water

Surrogate	%Recovery Qualifier	Limits	Prepared Ai	nalyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104	80 - 120	01/10	0/13 11:36	1
Dibromofluoromethane (Surr)	94	80 - 120	01/10	0/13 11:36	1
Toluene-d8 (Surr)	105	80 - 120	01/10	0/13 11:36	1

Client Sample ID: S-7

Date Collected: 01/04/13 10:20 Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	104		80 - 120			-		01/12/13 02:17	1
4-Bromofluorobenzene (Surr)	102		80 - 120					01/12/13 02:17	1
Toluene-d8 (Surr)	104		80 ₋ 120					01/12/13 02:17	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	Acres and the second se	0.50		ug/L			01/12/13 02:17	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 02:17	1
Ethanol	ND		150		ug/L			01/12/13 02:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L	,		01/12/13 02:17	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 02:17	1
Methyl-t-Butyl Ether (MTBE)	4.0		0.50		ug/L			01/12/13 02:17	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 02:17	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 02:17	1
Toluene	ND		0.50		ug/L			01/12/13 02:17	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120			-		01/12/13 02:17	1
Dibromofluoromethane (Surr)	104		80 - 120					01/12/13 02:17	1
Toluene-d8 (Surr)	104		80 ₋ 120					01/12/13 02:17	1

Client Sample ID: S-8

Date Collected: 01/04/13 10:35

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-9

Matrix: Water

Method: 8260B/CA_LUFTMS - Vo Analyte Volatile Fuel Hydrocarbons (C4-C12)	•	Qualifier	RL 50	MDL	Unit ug/L	D	Prepared	Analyzed 01/12/13 02:44	Dil Fac
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	108		80 - 120					01/12/13 02:44	1
4-Bromofluorobenzene (Surr)	106		80 ₋ 120					01/12/13 02:44	1
Toluene-d8 (Surr)	105		80 - 120					01/12/13 02:44	1

Method: 8260B - Volatile Organic	c Compounds (C	GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 02:44	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 02:44	1

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-8

Date Collected: 01/04/13 10:35

Lab Sample ID: 440-34458-9

Matrix: Water

Date Received: 01/08/13 09:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		150		ug/L			01/12/13 02:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 02:44	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 02:44	1
Methyl-t-Butyl Ether (MTBE)	3.5		0.50		ug/L			01/12/13 02:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 02:44	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 02:44	1
Toluene	ND		0.50		ug/L			01/12/13 02:44	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		80 - 120			-		01/12/13 02:44	1
Dibromofluoromethane (Surr)	108		80 - 120					01/12/13 02:44	1
Toluene-d8 (Surr)	105		80 ₋ 120					01/12/13 02:44	1

Client Sample ID: S-9

Date Collected: 01/04/13 10:25

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		80 - 120			-		01/12/13 03:11	1
4-Bromofluorobenzene (Surr)	106		80 - 120					01/12/13 03:11	1
Toluene-d8 (Surr)	106		80 - 120					01/12/13 03:11	1

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

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

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-9B

Date Collected: 01/04/13 10:56 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/12/13 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	104		80 - 120			-		01/12/13 03:38	1
4-Bromofluorobenzene (Surr)	107		80 - 120					01/12/13 03:38	1
Toluene-d8 (Surr)	116		80 - 120					01/12/13 03:38	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/12/13 03:38	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/12/13 03:38	1
Ethanol	ND		150		ug/L			01/12/13 03:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/12/13 03:38	1
Ethylbenzene	ND		0.50		ug/L			01/12/13 03:38	1
Methyl-t-Butyl Ether (MTBE)	3.8		0.50		ug/L			01/12/13 03:38	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/12/13 03:38	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/12/13 03:38	1
Toluene	ND		0.50		ug/L			01/12/13 03:38	1
Xylenes, Total	ND		1.0		ug/L			01/12/13 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		80 - 120			-		01/12/13 03:38	1
Dibromofluoromethane (Surr)	104		80 - 120					01/12/13 03:38	1
Toluene-d8 (Surr)	116		80 - 120					01/12/13 03:38	1

Client Sample ID: S-9C Lab Sample ID: 440-34458-12

Date Collected: 01/04/13 10:28

Date Received: 01/08/13 09:50

Lab Sample ID. 2	140-34430-12
	Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 03:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		80 - 120			_		01/11/13 03:13	1
4-Bromofluorobenzene (Surr)	106		80 - 120					01/11/13 03:13	1
Toluene-d8 (Surr)	103		80 - 120					01/11/13 03:13	1

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

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-9C

Lab Sample ID: 440-34458-12

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

Matrix: Water

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

Client Sample ID: S-10

Lab Sample ID: 440-34458-13

Date Collected: 01/04/13 12:20

Matrix: Water

Date Received: 01/08/13 09:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	111		80 - 120			•		01/11/13 03:44	1
4-Bromofluorobenzene (Surr)	107		80 - 120					01/11/13 03:44	1
Toluene-d8 (Surr)	105		80 - 120					01/11/13 03:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	_	ug/L			01/11/13 03:44	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 03:44	1
Ethanol	ND		150		ug/L			01/11/13 03:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 03:44	1
Ethylbenzene	ND	*	0.50		ug/L			01/11/13 03:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 03:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 03:44	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 03:44	1
Toluene	ND		0.50		ug/L			01/11/13 03:44	1
Xylenes, Total	ND	• • • • • • • • • • • • • • • • • • • •	1.0		ug/L			01/11/13 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		80 - 120			-		01/11/13 03:44	1
Dibromofluoromethane (Surr)	111		80 - 120					01/11/13 03:44	1
Toluene-d8 (Surr)	105		80 ₋ 120					01/11/13 03:44	1

Client Sample ID: S-11

Volatile Fuel Hydrocarbons (C4-C12)

Lab Sample ID: 440-34458-14

Matrix: Water

Date Collected: 01/04/13 12:15

Analyte

Date Received: 01/08/13 09:50

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

Result Qualifier

ND

 MDL ug/L
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 01/11/13 04:14
 1

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

50

Method: 8260B - Volatile Orga	nic Compounds (GC/MS)								
Analyte	Result	Qualifier	RL	MDL	Unit	ı	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L				01/11/13 04:14	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L				01/11/13 04:14	1

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-11

Date Collected: 01/04/13 12:15 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-14

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		150		ug/L			01/11/13 04:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 04:14	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 04:14	1
Methyl-t-Butyl Ether (MTBE)	9.1		0.50		ug/L			01/11/13 04:14	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 04:14	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 04:14	1
Toluene	ND		0.50		ug/L			01/11/13 04:14	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 04:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120			-		01/11/13 04:14	1
Dibromofluoromethane (Surr)	108		80 - 120					01/11/13 04:14	1
Toluene-d8 (Surr)	104		80 - 120					01/11/13 04:14	1

Client Sample ID: S-12

Date Collected: 01/04/13 11:30

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	113		80 - 120			-		01/11/13 04:45	1
4-Bromofluorobenzene (Surr)	108		80 - 120					01/11/13 04:45	1
Toluene-d8 (Surr)	105		80 - 120					01/11/13 04:45	1
Method: 8260B - Volatile Organic	Compounds ((GC/MS)							
Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 04:45	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 04:45	1
Ethanol	ND		150		ug/L			01/11/13 04:45	, 1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 04:45	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 04:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 04:45	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 04:45	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 04:45	1
Toluene	ND		0.50		ug/L			01/11/13 04:45	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		80 - 120			~		01/11/13 04:45	1
Dibromofluoromethane (Surr)	113		80 - 120					01/11/13 04:45	1
Toluene-d8 (Surr)	105		80 - 120					01/11/13 04:45	1

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-14

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

Lab Sample ID: 440-34458-16

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		80 - 120			-		01/11/13 05:15	1
4-Bromofluorobenzene (Surr)	110		80 - 120					01/11/13 05:15	1
Toluene-d8 (Surr)	104		80 - 120					01/11/13 05:15	1

104		80 - 120					01/11/13 05:15	7
nic Compounds (GC/MS)							
-		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ND		0.50		ug/L			01/11/13 05:15	1
ND		0.50		ug/L			01/11/13 05:15	1
ND		150		ug/L			01/11/13 05:15	1
ND		0.50		ug/L			01/11/13 05:15	1
ND		0.50		ug/L			01/11/13 05:15	1
ND		0.50		ug/L			01/11/13 05:15	1
ND		0.50		ug/L			01/11/13 05:15	1
ND		10		ug/L			01/11/13 05:15	1
ND		0.50		ug/L			01/11/13 05:15	1
ND		1.0		ug/L			01/11/13 05:15	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
110		80 - 120			-		01/11/13 05:15	1
103		80 _ 120					01/11/13 05:15	1
104		80 - 120					01/11/13 05:15	1
	ND N	Result Qualifier ND ND ND ND ND ND ND ND ND N	ND 0.50 ND	ND 0.50 ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND	ND 0.50 ug/L 01/11/13 05:15 ND 0.50 ug/L 01/11/13 05

Client Sample ID: SR-1

Date Collected: 01/04/13 13:45

Date Received: 01/08/13 09:50

Lab	Sample	ID:	440-34458-17	

Matrix: Water

Analyte	•	Qualifier	s by GC/MS RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	59		50		ug/L			01/11/13 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	109		80 - 120			-		01/11/13 05:46	1
4-Bromofluorobenzene (Surr)	105		80 - 120					01/11/13 05:46	1
Toluene-d8 (Surr)	105		80 - 120					01/11/13 05:46	1

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

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: SR-1

Lab Sample ID: 440-34458-17

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

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

Client Sample ID: SR-2 Lab Sample ID: 440-34458-18

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/11/13 06:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	109		80 - 120			-		01/11/13 06:16	1
4-Bromofluorobenzene (Surr)	109		80 - 120					01/11/13 06:16	1
Toluene-d8 (Surr)	105		80 - 120					01/11/13 06:16	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 06:16	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 06:16	1
Ethanol	ND		150		ug/L			01/11/13 06:16	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 06:16	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 06:16	1
Methyl-t-Butyl Ether (MTBE)	1.1		0.50		ug/L			01/11/13 06:16	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 06:16	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 06:16	1
Toluene	ND		0.50		ug/L			01/11/13 06:16	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 06:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		80 - 120			-		01/11/13 06:16	1
Dibromofluoromethane (Surr)	109		80 - 120					01/11/13 06:16	1
Toluene-d8 (Surr)	105		80 ₋ 120					01/11/13 06:16	1

Client Sample ID: SR-3 Lab Sample ID: 440-34458-19

Date Collected: 01/04/13 13:00

Date Received: 01/08/13 09:50

Analyte

Benzene

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	110		50		ug/L			01/11/13 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		80 - 120			-		01/11/13 15:23	1
4-Bromofluorobenzene (Surr)	102		80 - 120					01/11/13 15:23	1
Toluene-d8 (Surr)	107		80 - 120					01/11/13 15:23	1

RL

0.50

MDL Unit

ug/L

D

Prepared

TestAmerica Irvine

Dil Fac

Analyzed

01/11/13 15:23

Matrix: Water

Result Qualifier

ND

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: SR-3

Lab Sample ID: 440-34458-19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 15:23	1
Ethanol	ND		150		ug/L			01/11/13 15:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 15:23	1
Ethylbenzene	ND		0.50		ug/L			01/11/13 15:23	1
Methyl-t-Butyl Ether (MTBE)	1.4		0.50		ug/L			01/11/13 15:23	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L		,	01/11/13 15:23	1
tert-Butyl alcohol (TBA)	62		10		ug/L			01/11/13 15:23	1
Toluene	ND		0.50		ug/L			01/11/13 15:23	1
Xylenes, Total	ND		1,0		ug/L			01/11/13 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120			-		01/11/13 15:23	1
Dibromofluoromethane (Surr)	97		80 - 120					01/11/13 15:23	1
Toluene-d8 (Surr)	107		80 - 120					01/11/13 15:23	1

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-2

Date Collected: 01/04/13 14:00 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-1

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

Client Sample ID: S-3

Date Collected: 01/04/13 13:30 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-2

Matrix: Water

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

Client Sample ID: S-4

Date Collected: 01/04/13 13:10

Lab Sample ID: 440-34458-3

Matrix: Water

Date Received: 01/08/13 09:50

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

Client Sample ID: S-5

Date Collected: 01/04/13 13:40

Date Received: 01/08/13 09:50

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

Matrix. Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	78456	01/12/13 00:29	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		. 1	10 mL	10 mL	78457	01/12/13 00:29	NS	TAL IRV

Client Sample ID: S-5B

Date Collected: 01/04/13 12:05

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-5

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

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-5C

Date Collected: 01/04/13 12:55 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-6

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	-	1	10 mL	10 mL	78456	01/12/13 01:23	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	78457	01/12/13 01:23	NS	TAL IRV

Client Sample ID: S-6

Date Collected: 01/04/13 10:10

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-7

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	78058	01/10/13 11:36	CP	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	78059	01/10/13 11:36	CP	TAL IRV

Client Sample ID: S-7

Date Collected: 01/04/13 10:20

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-8

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	78456	01/12/13 02:17	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM		1	10 mL	10 mL	78457	01/12/13 02:17	NS	TAL IRV

Client Sample ID: S-8

Date Collected: 01/04/13 10:35

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-9

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	78456	01/12/13 02:44	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	78457	01/12/13 02:44	NS	TAL IRV

Client Sample ID: S-9

Date Collected: 01/04/13 10:25

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-10

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

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-9B

Date Collected: 01/04/13 10:56 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-11

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	78456	01/12/13 03:38	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	78457	01/12/13 03:38	NS	TAL IRV

Client Sample ID: S-9C

Date Collected: 01/04/13 10:28

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-12

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	78240	01/11/13 03:13	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	78241	01/11/13 03:13	RM	TAL IRV

Client Sample ID: S-10

Date Collected: 01/04/13 12:20

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-13

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

Client Sample ID: S-11

Date Collected: 01/04/13 12:15

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-14

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	-	1	10 mL	10 mL	78240	01/11/13 04:14	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	78241	01/11/13 04:14	RM	TAL IRV

Client Sample ID: S-12

Date Collected: 01/04/13 11:30

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-15

.

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

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

TestAmerica Job ID: 440-34458-1

Client Sample ID: S-14

Date Collected: 01/04/13 12:30 Date Received: 01/08/13 09:50 Lab Sample ID: 440-34458-16

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	-	1	10 mL	10 mL	78240	01/11/13 05:15	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	78241	01/11/13 05:15	RM	TAL IRV

Client Sample ID: SR-1

Date Collected: 01/04/13 13:45

Lab Sample ID: 440-34458-17

Matrix: Water

Date Received: 01/08/13 09:50

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

Client Sample ID: SR-2

Date Collected: 01/04/13 13:20

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-18

Matrix: Water

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	78240	01/11/13 06:16	RM	TALIRV
Total/NA	Analysis	8260B/CA_LUFTM		1	10 mL	10 mL	78241	01/11/13 06:16	RM	TAL IRV

Client Sample ID: SR-3

Date Collected: 01/04/13 13:00

Date Received: 01/08/13 09:50

Lab Sample ID: 440-34458-19

Matrix: Water

	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	78313	01/11/13 15:23	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	10 mL	10 mL	78314	01/11/13 15:23	WC	TAL IRV

Laboratory References:

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

TestAmerica Job ID: 440-34458-1

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

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

Lab Sample ID: MB 440-78058/5	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA

Analysis Batch: 78058

мв мв Qualifier RL MDL Unit D Dil Fac Result Prepared Analyzed Analyte 0.50 01/10/13 09:57 Benzene ND ug/L Isopropyl Ether (DIPE) ND 0.50 ug/L 01/10/13 09:57 ug/L Ethanol ND 150 01/10/13 09:57 Ethyl-t-butyl ether (ETBE) ND 0.50 ug/L 01/10/13 09:57 Ethylbenzene ND 0.50 ug/L 01/10/13 09:57 0.50 Methyl-t-Butyl Ether (MTBE) ND ug/L 01/10/13 09:57 Tert-amyl-methyl ether (TAME) ND 0.50 ug/L 01/10/13 09:57 ND 10 ug/L 01/10/13 09:57 tert-Butyl alcohol (TBA) 0.50 ND ug/L 01/10/13 09:57 Toluene ND 1.0 ug/L 01/10/13 09:57 Xylenes, Total

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

Lab Sample ID: LCS 440-78058/6 Client Sample ID: Lab Control Sample

Matrix: Water Prep Type: Total/NA

Analysis Batch: 78058

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

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

Lab Sample ID: 440-34458-7 MS

Client Sample ID: S-6

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 78058

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

TestAmerica Job ID: 440-34458-1

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

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

Lab Sample ID: 440-34458-7 MS

Matrix: Water

Client Sample ID: S-6

Prep Type: Total/NA

Analysis Batch: 78058

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

MS MS

Surrogate	%Recovery Qual	ifier Limits
4-Bromofluorobenzene (Surr)	101	80 - 120
Dibromofluoromethane (Surr)	96	80 - 120
Toluene-d8 (Surr)	103	80 - 120

Lab Sample ID: 440-34458-7 MSD

Matrix: Water

Analysis Batch: 78058

Client Sample ID: S-6

Prep Type: Total/NA
Rec. RPD
imits RPD Limit

Amaryolo Batom 7 0000		Sample	Spike	MSD					%Rec.		RPD
	Sample				MSD						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	20.7		ug/L		83	65 - 125	6	20
Isopropyl Ether (DIPE)	ND		25.0	24.1		ug/L		96	60 - 140	7	25
Ethanol	ND		250	280		ug/L		112	40 - 155	6	30
Ethyl-t-butyl ether (ETBE)	ND		25.0	24.2		ug/L		97	60 - 135	5	25
Ethylbenzene	ND		25.0	24.9		ug/L		100	65 _ 130	1	20
m,p-Xylene	ND		50.0	47.1		ug/L		94	65 _ 130	2	25
Methyl-t-Butyl Ether (MTBE)	3.5		25.0	28.5		ug/L	,	100	55 - 145	4	25
o-Xylene	ND		25.0	23.2		ug/L		93	65 _ 125	2	20
Tert-amyl-methyl ether (TAME)	ND		25.0	24.8		ug/L		99	60 - 140	11	30
tert-Butyl alcohol (TBA)	1000		125	1210	4	ug/L		141	65 - 140	0	25
Toluene	ND		25.0	25.4		ug/L		102	70 - 125	5	20

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 99
 80 - 120

 Dibromofluoromethane (Surr)
 100
 80 - 120

 Toluene-d8 (Surr)
 106
 80 - 120

Lab Sample ID: MB 440-78240/5

Matrix: Water

Analysis Batch: 78240

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/10/13 20:04	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/10/13 20:04	1
Ethanol	ND		150		ug/L			01/10/13 20:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/10/13 20:04	1
Ethylbenzene	ND		0.50		ug/L			01/10/13 20:04	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/10/13 20:04	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/10/13 20:04	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/10/13 20:04	1

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

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

MB MB

Lab Sample ID: MB 440-78240/5	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA

Analysis Batch: 78240

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

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

Lab Sample ID: LCS 440-78240/6 Client Sample ID: Lab Control Sample
Matrix: Water Prep Type: Total/NA

Analysis Batch: 78240

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

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

Lab Sample ID: 440-34330-C-1 MS

Matrix: Water

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

Analysis Batch: 78240									
	Sample	Sample	Spike	MS	MS				%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	ND		25.0	21.0		ug/L		84	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	23.0		ug/L		92	60 - 140
Ethanol	ND		250	247		ug/L		99	40 _ 155
Ethyl-t-butyl ether (ETBE)	ND		25.0	22.9		ug/L		92	60 _ 135
Ethylbenzene	ND		25.0	25.7		ug/L		103	65 _ 130
m,p-Xylene	ND		50.0	47.7		ug/L		95	65 _ 130
Methyl-t-Butyl Ether (MTBE)	1200	E	25.0	1200	E 4	ug/L		164	55 - 145
o-Xylene	ND		25.0	24.0		ug/L		96	65 - 125
Tert-amyl-methyl ether (TAME)	9.9		25.0	34.3		ug/L		97	60 - 140
tert-Butyl alcohol (TBA)	93		125	241		ug/L		118	65 _ 140
Toluene	ND		25.0	25.5		ug/L		102	70 _ 125

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

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

Lab Sample ID: 440-34330-C-1 MS

Matrix: Water

Analysis Batch: 78240

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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

Lab Sample ID: 440-34330-C-1 MSD

Matrix: Water

Analysis Batch: 78240

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Allalysis Datell. 10240											
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	20.8		ug/L		83	65 - 125	1	20
Isopropyl Ether (DIPE)	ND		25.0	23.6		ug/L		94	60 - 140	3	25
Ethanol	ND		250	206		ug/L		82	40 - 155	18	30
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.7		ug/L		95	60 _ 135	3	25
Ethylbenzene	ND		25.0	25.8		ug/L		103	65 _ 130	0	20
m,p-Xylene	ND		50.0	47.7		ug/L		95	65 _ 130	0	25
Methyl-t-Butyl Ether (MTBE)	1200	Ē	25.0	1260	E 4	ug/L		375	55 - 145	4	25
o-Xylene	ND		25.0	24.2		ug/L		97	65 - 125	0	20
Tert-amyl-methyl ether (TAME)	9.9		25.0	34.6		ug/L		99	60 - 140	1	30
tert-Butyl alcohol (TBA)	93		125	219		ug/L		100	65 - 140	10	25
Toluene	ND		25.0	24.8		ug/L		99	70 _ 125	3	20

MSD MSD

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

Lab Sample ID: MB 440-78313/4

Matrix: Water

Analysis Batch: 78313

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

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/13 10:48	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/11/13 10:48	1
Ethanol	ND		150		ug/L			01/11/13 10:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/11/13 10:48	1
Ethylbenzene	, ND		0.50		ug/L			01/11/13 10:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/11/13 10:48	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/11/13 10:48	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/11/13 10:48	1
Toluene	ND		0.50		ug/L			01/11/13 10:48	1
Xylenes, Total	ND		1.0		ug/L			01/11/13 10:48	1

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

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

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

Lab Sample ID: LCS 440-783	313/5						Client	Sample	ID: Lab Cont	_
Matrix: Water									Prep Typ	e: Total/NA
Analysis Batch: 78313										
			Spike	LCS	LCS				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene			25.0	24.5		ug/L		98	70 _ 120	
Isopropyl Ether (DIPE)			25.0	24.3		ug/L		97	60 _ 135	
Ethanol			250	328		ug/L		131	40 - 155	
Ethyl-t-butyl ether (ETBE)			25.0	20.9		ug/L		84	65 - 135	
Ethylbenzene			25.0	26.4		ug/L		105	75 - 125	
m,p-Xylene			50.0	53.1		ug/L		106	75 ₋ 125	
Methyl-t-Butyl Ether (MTBE)			25.0	25.1		ug/L		101	60 - 135	
o-Xylene			25.0	26.6		ug/L		106	75 _ 125	
Tert-amyl-methyl ether (TAME)			25.0	23.1		ug/L		93	60 _ 135	
tert-Butyl alcohol (TBA)			125	154		ug/L		123	70 - 135	
Toluene			25.0	27.3		ug/L		109	70 - 120	
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	98		80 - 120							
Dibromofluoromethane (Surr)	99		80 - 120							
Toluene-d8 (Surr)	105		80 _ 120							

Lab Sample ID: 440-34330-B-3 MS

Matrix: Water

Analysis Batch: 78313

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

Analysis Baton. 10010	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		25.0	23.1		ug/L		92	65 _ 125	
Isopropyl Ether (DIPE)	ND		25.0	22.5		ug/L		90	60 - 140	
Ethanol	ND		250	324		ug/L		129	40 - 155	
Ethyl-t-butyl ether (ETBE)	ND		25.0	19.4		ug/L		78	60 - 135	
Ethylbenzene	ND		25.0	24.6		ug/L		98	65 _ 130	
m,p-Xylene	ND		50.0	49.4		ug/L		99	65 _ 130	
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.4		ug/L		93	55 - 145	
o-Xylene	ND		25.0	25.5		ug/L		102	65 - 125	
Tert-amyl-methyl ether (TAME)	ND		25.0	22.3		ug/L		89	60 - 140	
tert-Butyl alcohol (TBA)	ND		125	150		ug/L		120	65 _ 140	
Toluene	ND		25.0	26.0		ug/L		104	70 - 125	
	MS	MS								

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

Lab Sample ID: 440-34330-B-3 MSD

Matrix: Water

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analysis Batch: 78313											
-	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	23.3		ug/L		93	65 - 125	1	20
Isopropyl Ether (DIPE)	ND		25.0	22.5		ug/L		90	60 - 140	0	25
Ethanol	ND		250	320		ug/L		128	40 - 155	1	30

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

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

Lab Sample ID: 440-34330-B-3 Matrix: Water	MSD						Client Sa	ample IC	: Matrix Sp Prep T	oike Dup Type: Tot	
Analysis Batch: 78313									•	••	
	Sample	Sample	Spike	MSD	MSD			1	%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Ethyl-t-butyl ether (ETBE)	ND		25.0	19.5		ug/L		78	60 _ 135	0	25
Ethylbenzene	ND		25.0	23.7		ug/L		95	65 _ 130	3	20
m,p-Xylene	ND		50.0	45.5		ug/L		91	65 - 130	8	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.1		ug/L		93	55 - 145	1	25
o-Xylene	ND		25.0	24.2		ug/L		97	65 - 125	5	20
Tert-amyl-methyl ether (TAME)	. ND		25.0	22.3		ug/L		89	60 - 140	0	30
tert-Butyl alcohol (TBA)	ND		125	144		ug/L		115	65 - 140	4	25
Toluene	ND		25.0	25.6		ug/L		102	70 - 125	2	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		80 - 120								
Dibromofluoromethane (Surr)	100		80 - 120								
Toluene-d8 (Surr)	108		80 ₋ 120					,			

Lab Sample ID: MB 440-78456/4	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA

Analysis Batch: 78456

•	MB MB	}					
Analyte	Result Qu	alifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	0.50	ug/L			01/11/13 20:00	1
Isopropyl Ether (DIPE)	ND	0.50	ug/L			01/11/13 20:00	1
Ethanol	ND	150	ug/L			01/11/13 20:00	1
Ethyl-t-butyl ether (ETBE)	ND	0.50	ug/L			01/11/13 20:00	1
Ethylbenzene	, ND	0.50	ug/L			01/11/13 20:00	1
Methyl-t-Butyl Ether (MTBE)	ND	0.50	ug/L			01/11/13 20:00	1
Tert-amyl-methyl ether (TAME)	ND	0.50	ug/L			01/11/13 20:00	1
tert-Butyl alcohol (TBA)	ND	10	ug/L			01/11/13 20:00	1
Toluene	ND	0.50	ug/L			01/11/13 20:00	1
Xylenes, Total	ND	1.0	ug/L			01/11/13 20:00	1

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

Lab Sample ID: LCS 440-78456/5	Client Sample ID: Lab Control Sample
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 78456	

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	25.0	22.0	•	ug/L		88	70 - 120	
Isopropyl Ether (DIPE)	25.0	21.4		ug/L		86	60 - 135	
Ethanol	250	305		ug/L		122	40 - 155	
Ethyl-t-butyl ether (ETBE)	25.0	18.7		ug/L		75	65 _ 135	
Ethylbenzene	25.0	24.0		ug/L		96	75 ₋ 125	
m,p-Xylene	50.0	47.9		ug/L		96	75 - 125	
Methyl-t-Butyl Ether (MTBE)	25.0	22.1		ug/L		89	60 - 135	
o-Xylene	25.0	24.6		ug/L		98	75 _ 125	

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

Lab Sample ID: LCS 440-784	156/5						Client	Sample	ID: Lab Cont	-
Matrix: Water									Prep Typ	e: Total/NA
Analysis Batch: 78456			0	1.00	1.00				0/ Dan	
			Spike		LCS		_	a. =	%Rec.	
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	
Tert-amyl-methyl ether (TAME)			25.0	19.6		ug/L		78	60 - 135	
tert-Butyl alcohol (TBA)			125	155		ug/L		124	70 ₋ 135	
Toluene			25.0	24.8		ug/L		99	70 - 120	
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	99		80 - 120							
			80 ₋ 120							
Dibromofluoromethane (Surr)	100		00-120							
Dibromofluoromethane (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34306-E	108		80 ₋ 120					Client	:Sample ID: N	latrix Spik
Toluene-d8 (Surr) Lab Sample ID: 440-34306-E Matrix: Water	108							Client	-	=
Toluene-d8 (Surr) - Lab Sample ID: 440-34306-E	108 3-8 MS	Sample		MS	MS			Client	-	-
Toluene-d8 (Surr) Lab Sample ID: 440-34306-E Matrix: Water	108 3-8 MS Sample	Sample Qualifier	80 - 120		MS Qualifier	Unit	D	Client	Prep Typ	-
Toluene-d8 (Surr) Lab Sample ID: 440-34306-E Matrix: Water Analysis Batch: 78456	108 3-8 MS Sample	-	80 ₋ 120 Spike			- <mark>Unit</mark>	<u>D</u>		Prep Typ	-
Toluene-d8 (Surr) Lab Sample ID: 440-34306-E Matrix: Water Analysis Batch: 78456 Analyte	108 3-8 MS Sample Result	-	80 ₋ 120 Spike Added	Result			<u>D</u>	%Rec	Prep Typ %Rec. Limits	-
Toluene-d8 (Surr) Lab Sample ID: 440-34306-E Matrix: Water Analysis Batch: 78456 Analyte Benzene	3-8 MS Sample Result ND	-	Spike Added 25.0	Result 21.4		ug/L	<u>D</u>	%Rec 85	Prep Typ %Rec. Limits 65 - 125	=
Toluene-d8 (Surr) Lab Sample ID: 440-34306-E Matrix: Water Analysis Batch: 78456 Analyte Benzene Isopropyl Ether (DIPE)	3-8 MS Sample Result ND ND	-	Spike Added 25.0 25.0	21.4 21.9		ug/L ug/L	<u>D</u>	%Rec 85 88	%Rec. Limits 65 - 125 60 - 140	=
Toluene-d8 (Surr) Lab Sample ID: 440-34306-E Matrix: Water Analysis Batch: 78456 Analyte Benzene Isopropyl Ether (DIPE) Ethanol	3-8 MS Sample Result ND ND ND	-	Spike Added 25.0 25.0 250	21.4 21.9 287		ug/L ug/L ug/L	<u> </u>	%Rec 85 88 115	%Rec. Limits 65 - 125 60 - 140 40 - 155	=
Toluene-d8 (Surr) Lab Sample ID: 440-34306-E Matrix: Water Analysis Batch: 78456 Analyte Benzene Isopropyl Ether (DIPE) Ethanol Ethyl-t-butyl ether (ETBE)	3-8 MS Sample Result ND ND ND	-	Spike Added 25.0 25.0 25.0 25.0	21.4 21.9 287 19.3	Qualifier	ug/L ug/L ug/L ug/L	<u>D</u>	%Rec 85 88 115	%Rec. Limits 65 - 125 60 - 140 40 - 155 60 - 135	=
Toluene-d8 (Surr) Lab Sample ID: 440-34306-E Matrix: Water Analysis Batch: 78456 Analyte Benzene Isopropyl Ether (DIPE) Ethanol Ethyl-t-butyl ether (ETBE) Ethylbenzene	Sample Result ND ND ND ND ND	-	Spike Added 25.0 25.0 25.0 25.0 25.0 25.0	21.4 21.9 287 19.3 23.3	Qualifier	ug/L ug/L ug/L ug/L ug/L	<u>D</u>	%Rec 85 88 115 77 93	%Rec. Limits 65 - 125 60 - 140 40 - 155 60 - 135 65 - 130	flatrix Spike

25.0

125

25.0

21.6

143

24.3

ug/L

ug/L

ug/L

ND

ND

ND

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

Lab Sample ID: 440-34306-B-8 MSD

Matrix: Water

Analysis Batch: 78456

Tert-amyl-methyl ether (TAME)

tert-Butyl alcohol (TBA)

Toluene

Client Sample ID:	Matrix	Spike	Duplicate
	Pre	р Туре	: Total/NA

60 ₋ 140 65 ₋ 140

70 - 125

87

114

, mary or Batom re rec											
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		25.0	21.7	•	ug/L		87	65 - 125	1	20
Isopropyl Ether (DIPE)	ND		25.0	22.5		ug/L		90	60 - 140	3	25
Ethanol	ND		250	288		ug/L		115	40 - 155	0	30
Ethyl-t-butyl ether (ETBE)	ND		25.0	19.9		ug/L		80	60 - 135	3	25
Ethylbenzene	ND		25.0	23.6		ug/L		94	65 - 130	1	20
m,p-Xylene	ND		50.0	47.5		ug/L		95	65 _ 130	4	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.8		ug/L		95	55 - 145	5	25
o-Xylene	ND		25.0	24.7		ug/L		99	65 - 125	3	20
Tert-amyl-methyl ether (TAME)	ND		25.0	22.9		ug/L		92	60 - 140	6	30
tert-Butyl alcohol (TBA)	ND		125	138		ug/L		110	65 - 140	4	25
Toluene	ND		25.0	23.9		ug/L		96	70 - 125	2	20
l .											

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

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

Lab Sample ID: 440-34306-B-8 MSD

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 78456

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

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

MB MB Result Qualifier

Lab Sample ID: MB 440-78059/5

Matrix: Water

Analyte

Analysis Batch: 78059

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

Prepared

MDL Unit

Volatile Fuel Hydrocarbons (C4-C12)	ND		50	ug/L		01/10/13 09:57	1
	MB	MB					
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	96		80 - 120			01/10/13 09:57	1

01/10/13 09:57 80 - 120 104 4-Bromofluorobenzene (Surr) 01/10/13 09:57 Toluene-d8 (Surr) 103 80 - 120

Lab Sample ID: LCS 440-78059/7

Matrix: Water

Analysis Batch: 78059

Client Sample	ID: Lab Control Sample
	Dron Tynor Total/NA

Analyzed

Dil Fac

Prep Type: Total/NA

•	Spike	LCS	LCS				%Rec.	
Analyte	Added.	Result	Qualifier	Unit	D	%Rec	Limits	
Volatile Fuel Hydrocarbons	500	522		ug/L		104	55 - 130	

(C4-C12)

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

Lab Sample ID: 440-34458-7 MS

Matrix: Water

Analysis Batch: 78059

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

Analysis Baton. 70000	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Volatile Fuel Hydrocarbons	660		1730	1980		ug/L		77	50 - 145	
(C4-C12)										

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

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

4-Bromofluorobenzene (Surr)

Toluene-d8 (Surr)

Method: 8260B/CA_	LUFTMS - Volatile	Organic Com	ipounds by	GC/MS (Continued)

Lab Sample ID: 440-34458-7 MSI Matrix: Water)												Client S Prep T	ample l ype: To	
Analysis Batch: 78059															
	Sample	Samı	ple	Spike		MSD	MSD						%Rec.		RPD
Analyte	Result	Qual	ifier	Added		Result	Qual	ifier	Unit		D	%Rec	Limits	RPD	Limit
Volatile Fuel Hydrocarbons (C4-C12)	660			1730		2090			ug/L			83	50 ₋ 145	6	20
	MSD	MSD	ı												
Surrogate	%Recovery	Qual	lifier	Limits											
Dibromofluoromethane (Surr)	100	-		80 - 120											
4-Bromofluorobenzene (Surr)	99			80 - 120											
Toluene-d8 (Surr)	106			80 - 120											
- Lab Sample ID: MB 440-78241/5												Client S	ample ID: I	Method	Blank
Matrix: Water													Prep T	ype: To	tal/NA
Analysis Batch: 78241															
•		MB	MB												
Analyte	R	esult	Qualifier		RL		MDL	Unit		D	Р	repared	Analyz	ed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)		ND			50			ug/L			-		01/10/13	20:04	1
		МВ	MB												
Surrogate	%Reco	very	Qualifier	Limi	its						P	repared	Analyz	ed	Dil Fac
Dibromofluoromethane (Surr)		95	***************************************	80 -	120								01/10/13	20:04	
4-Bromofluorobenzene (Surr)		101		80 -	120								01/10/13	20:04	1
Toluene-d8 (Surr)		105		80 -	120								01/10/13	20:04	
- Lab Sample ID: LCS 440-78241/3	7									Cli	ient	Sample	ID: Lab Co	ontrol S	Sample
Matrix: Water													Prep T	ype: To	tal/NA
Analysis Batch: 78241															
•				Spike		LCS	LCS						%Rec.		
Analyte				Added		Result	Qua	lifier	Unit		D	%Rec	Limits		
Volatile Fuel Hydrocarbons				500		494			ug/L			99	55 - 130		
(C4-C12)															
	LCS	LCS													
Surrogate	%Recovery	Qua	lifier	Limits											
Dibromofluoromethane (Surr)	96			80 - 120											
4-Bromofluorobenzene (Surr)	101			80 - 120											
Toluene-d8 (Surr)	104			80 _ 120											

L	Toluene-a8 (Surr) -	104		80 - 120						
	Lab Sample ID: 440-34330-C-1 MS Matrix: Water Analysis Batch: 78241								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
	Volatile Fuel Hydrocarbons (C4-C12)	1400		1730	2870		ug/L		83	50 _ 145
		MS	MS							
	Surrogate %I	Recovery	Qualifier	Limits						
	Dibromofluoromethane (Surr)	100		80 - 120						

80 - 120

80 - 120

103

107

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

Lab Sample ID: 440-34330-C-1 M	ISD						Client S	Sample II	D: Matrix Spike D	_
Matrix: Water		*							Prep Type:	Total/NA
Analysis Batch: 78241										
	Sample	Sample	Spike	MSD	MSD				%Rec.	RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits RP	D Limit
Volatile Fuel Hydrocarbons	1400		1730	2900		ug/L		84	50 - 145	1 20
(C4-C12)										
	MSD	MSD								
Surrogate	%Recovery		Limits							
Dibromofluoromethane (Surr)	100		80 - 120		•					
4-Bromofluorobenzene (Surr)	101		80 - 120							
Toluene-d8 (Surr)	104		80 - 120							
- Toluelle-do (Sull)	104		00 - 120							
Lab Sample ID: MB 440-78314/4								Client S	Sample ID: Metho	od Blank
Matrix: Water									Prep Type:	
Analysis Batch: 78314										
Allalysis Batch. 70014		мв мв								,
Analyte	R	esult Qualifier	RL		MDL Unit		D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)		ND Guarrier			ug/L		<u> </u>	Tropulcu	01/11/13 10:48	1
Volatile Faci Flyarodarbons (04-012)		110	00		ug/ L				01/11/10 10:10	
		MB MB								
Surrogate	%Reco	overy Qualifier	Limits					Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)		96	80 _ 120						01/11/13 10:48	1
4-Bromofluorobenzene (Surr)		107	80 ₋ 120						01/11/13 10:48	1
Toluene-d8 (Surr)		103	80 - 120						01/11/13 10:48	1
Matrix: Water Analysis Batch: 78314									Prep Type:	iotai/NA
			Spike		LCS		_		%Rec.	
Analyte			Added		Qualifier	Unit			Limits	
Volatile Fuel Hydrocarbons			500	578		ug/L		116	55 _ 130	
(C4-C12)						-				
(C4-C12)	LCS	LCS								
(C4-C12) Surrogate	LCS %Recovery		Limits			-				
			Limits							
Surrogate Dibromofluoromethane (Surr)	%Recovery							4.		
Surrogate	%Recovery 97		80 _ 120				·	1.		
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr)	%Recovery 97 109		80 ₋ 120 80 ₋ 120				·	4.		
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr)	%Recovery 97 109 107		80 ₋ 120 80 ₋ 120					Clien	t Sample ID: Mat	rix Spike
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr)	%Recovery 97 109 107		80 ₋ 120 80 ₋ 120					Clien	t Sample ID: Mat Prep Type:	-
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34330-B-3 N	%Recovery 97 109 107		80 ₋ 120 80 ₋ 120					Clien	•	-
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34330-B-3 Matrix: Water	%Recovery 97 109 107 VIS		80 ₋ 120 80 ₋ 120		MS			Clien	•	-
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34330-B-3 Matrix: Water	%Recovery 97 109 107 VIS Sample	Qualifier _	80 - 120 80 - 120 80 - 120	MS	MS Qualifier	Unit	·	Clien	Prep Type:	-
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34330-B-3 Matrix: Water Analysis Batch: 78314	%Recovery 97 109 107 VIS Sample	Qualifier	80 - 120 80 - 120 80 - 120 Spike	MS	Qualifier				Prep Type:	-
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34330-B-3 Matrix: Water Analysis Batch: 78314	%Recovery 97 109 107 VIS Sample Result	Qualifier	80 - 120 80 - 120 80 - 120 Spike	MS Result	Qualifier	Unit) %Rec	Prep Type: %Rec. Limits	-
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34330-B-3 Matrix: Water Analysis Batch: 78314 Analyte Volatile Fuel Hydrocarbons	%Recovery 97 109 107 VIS Sample Result ND	Qualifier	80 - 120 80 - 120 80 - 120 Spike	MS Result	Qualifier	Unit) %Rec	Prep Type: %Rec. Limits	-
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34330-B-3 Matrix: Water Analysis Batch: 78314 Analyte Volatile Fuel Hydrocarbons (C4-C12)	%Recovery 97 109 107 MS Sample Result ND	Sample Qualifier	80 - 120 80 - 120 80 - 120 Spike	MS Result	Qualifier	Unit) %Rec	Prep Type: %Rec. Limits	-
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34330-B-3 Matrix: Water Analysis Batch: 78314 Analyte Volatile Fuel Hydrocarbons (C4-C12) Surrogate	%Recovery 97 109 107 VIS Sample Result ND	Sample Qualifier MS Qualifier	80 - 120 80 - 120 80 - 120 Spike Added 1730	MS Result	Qualifier	Unit) %Rec	Prep Type: %Rec. Limits	-
Surrogate Dibromofluoromethane (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr) Lab Sample ID: 440-34330-B-3 Matrix: Water Analysis Batch: 78314 Analyte Volatile Fuel Hydrocarbons (C4-C12)	%Recovery 97 109 107 MS Sample Result ND MS %Recovery	Sample Qualifier MS Qualifier	80 - 120 80 - 120 80 - 120 Spike Added	MS Result	Qualifier	Unit) %Rec	Prep Type: %Rec. Limits	-

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

Lab Sample ID: 440-34330-B-3 M	SD									Clien	t Sa	mple ID	: Matrix Spi Prep Ty		
Matrix: Water													Fiep iy	pe. 10	tai/INA
Analysis Batch: 78314	Sample	Sam	nle	Spike		MSD	MSD						%Rec.		RPD
Analyte	Result		-	Added		Result		ifier	Unit		D	%Rec	Limits	RPD	Limit
	ND	Quai		1730		1550	Quan		ug/L			90	50 - 145	4	20
Volatile Fuel Hydrocarbons (C4-C12)	ND			1700		1000			ug/L			00	00 2 140	7	20
	MSD	MSD)												
Surrogate	%Recovery			Limits											
Dibromofluoromethane (Surr)	100			80 - 120											
4-Bromofluorobenzene (Surr)	101			80 - 120											
Toluene-d8 (Surr)	108			80 - 120											
												C!!4 C	enanta ID. B	A - 4ll	Diami
Lab Sample ID: MB 440-78457/4 Matrix: Water												Chents	ample ID: N Prep Ty		
Analysis Batch: 78457															
Analysis Butch. 10401		МВ	МВ												
Analyte	Re	sult	Qualifier		RL		MDL	Unit		D	Pi	repared	Analyze	ed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)		ND			50			ug/L				•	01/11/13 2		1
,								•							
			MB								_				
Surrogate	%Reco		Qualifier	Lim						-	Pi	repared	Analyze		Dil Fac
Dibromofluoromethane (Surr)		98			120								01/11/13 2		1
4-Bromofluorobenzene (Surr)		105		80 -	120								01/11/13 2 01/11/13 2		
Lab Sample ID: LCS 440-78457/6 Matrix: Water	5									CI	ient	Sample	e ID: Lab Co Prep Ty		
Analysis Batch: 78457															
				Spike			LCS						%Rec.		
Analyte				Added		Result	Qual	lifier	Unit		D	%Rec	Limits		
Volatile Fuel Hydrocarbons (C4-C12)				500		514			ug/L			103	55 - 130		
	LCS	LCS	;												
Surrogate	%Recovery	Qua	lifier	Limits											
Dibromofluoromethane (Surr)	99			80 - 120	-										
4-Bromofluorobenzene (Surr)	109			80 - 120											
Toluene-d8 (Surr)	106			80 - 120											
_ Lab Sample ID: 440-34306-B-8 N	is											Client	Sample ID:	Matrix	c Snike
Matrix: Water													Prep T		_
Analysis Batch: 78457														,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Analysis Batch: 10401	Sample	San	nple	Spike		MS	MS						%Rec.		
Analyte	Result		-	Added		Result		lifier	Unit		D	%Rec	Limits		
Volatile Fuel Hydrocarbons	ND			1730		1510			ug/L		_	88	50 - 145		***************************************
(C4-C12)	140			17.50		1010			~g, =						
	MS	MS													
Surrogate	%Recovery		alifier	Limits											
Dibromofluoromethane (Surr)	103			80 - 120	-										
4-Bromofluorobenzene (Surr)	99			80 - 120											
. 2. Sillolasi Obolizolio (Dali)	55			-5-120											

80 - 120

105

Toluene-d8 (Surr)

QC Sample Results

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

TestAmerica Job ID: 440-34458-1

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

Lab Sample ID: 440-34306-B Matrix: Water	-8 MSD						Clien	t Sa	imple ID	: Matrix Sp Prep T	oike Dur ype: To	
Analysis Batch: 78457												
	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	1590		ug/L		_	92	50 - 145	5	20

	MSD MS	SD	
Surrogate	%Recovery Qu	ualifier	Limits
Dibromofluoromethane (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120
Toluene-d8 (Surr)	105		80 - 120

QC Association Summary

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

TestAmerica Job ID: 440-34458-1

GC/MS VOA

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

Analysis Batch: 78059

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

Analysis Batch: 78240

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

Analysis Batch: 78241

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

QC Association Summary

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

TestAmerica Job ID: 440-34458-1

GC/MS VOA (Continued)

Analysis Batch: 7824	11 (Continued)				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-78241/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	

MS
MB 440-78241/5 Method Blank Total/NA Water 8260B/CA_LUFT
MS
MS

Analysis Batch: 78313

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

Analysis Batch: 78314

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

Analysis Batch: 78456

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

Analysis Batch: 78457

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

QC Association Summary

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

TestAmerica Job ID: 440-34458-1

GC/MS VOA (Continued)

Analysis Batch: 78457 (Continued)

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

Definitions/Glossary

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

TestAmerica Job ID: 440-34458-1

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.
X	Listed under the "D" column to designate that the result is reported on a dry weight basis
6R	Percent Recovery
CNF	Contains no Free Liquid
ER	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
LC	Decision level concentration
DL	Estimated Detection Limit
PA	United States Environmental Protection Agency
/IDA	Minimum detectable activity
NDC	Minimum detectable concentration
/IDL	Method Detection Limit
1L	Minimum Level (Dioxin)
I D	Not detected at the reporting limit (or MDL or EDL if shown)
QL	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
EF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

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

TestAmerica Job ID: 440-34458-1

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

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

#440-946 Shell Oil Products Chain Of Custody Record LAB (LOCATION) CALSCIENCE (_ INCIDENT # (ENV SERVICES) | CHECK IF NO INCIDENT # APPLIES Print Bill To Contact Name: Please Check Appropriate Box: SPL Houston (_ MOTIVA RETAIL SHELL RETAIL 200497 Poter Schaefer 5 8 4 ENV. SERVICES 9 9 XENCO (_ LUBES MOTTVA SD&CM CONSULTANT PO # SAP# TEST AMERICA (IRVINE) OTHER SHELL PIPELINE 5 3 OTHER (3790 Hopyard Rd., Pleasanton CA BTSS T0600101267 Blaine Tech Services CONBUILTANT PROJECT NO. ADDRESS 510-420-3343 ShellEDF@CRAWorld.com 200497-95-12.02 1680 Rogers Avenue, San Jose, CA Brenda Carter, CRA, Emeryville, CA Shell-US-LabDataManagement@CRAworld.com PROJECT CONTACT (Hardbody of PDF Report to): LAR USE ONLY Lorin King Iking@blainetech.com (310) 637-5802 (310) 885-4455 x 108 REQUESTED ANALYSIS RESULTS NEEDED ON WEEKEND 2 DAYS 24 HOURS 3 DAYS ☐ UST AGENCY: 378 ☐ LA - RWQCB REPORT FORMAT TEMPERATURE ON RECEIPT, °C SHELL CONTRACT RATE APPLIES SPECIAL INSTRUCTIONS OR NOTES: STATE REIMBURSEMENT RATE APPLIES 1) Please upload the "CRA EQuIS 4-file EDD" to the CRA Website EDD NOT NEEDED (http://cralabeddupload.craworld.com/equis/default.aspx) and/or send it to the Shell-US-LabDataManagement@CRAworld.com email folder. 2) Please indicate that you have uploaded RECEIPT VERIFICATION REQUESTED the EDD by including "EDD Uploaded to CRA website" in the body of the email used to deliver the Extractable (8015M) final PDF report to the Shell-US-LabDataManagement@CRAworld.com email folder. (8260B) BTEX + MTBE + TBA (8260B) BTEX + 5 OXYs (MTBE, TBA, 1 Copy final report to Shell, Lab. Billing@craworld.com, ShellEDF@craworld.com, Shell-US-LabDataManagement@CRAworld.com, and pschaefer@CRAWorld.com Single Compound: Email invoice to Shell, Lab. Billing@craworld.com Matrix Codes - WG (groundwater), WS (surface water), Methanol (8016B) 1,2 DCA (8260B) Ethanof (8260B) WP (drinking water source), W (Trip or Temp Blank) 'age EDB (8260B) PRESERVATIVE TPH-GRO, SAMPLE ID NO. OF 36 5 Container PID Readings SAMPLER DATE or Laboratory Notes PROJECT NUMBER WELL ID TIME INITIALS (MMDDYY) H2504 X 010413 1400 WG 120104-121 5.3 WG <u>ی ند</u> て SK 1310 WG 3 1240 ₩6

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Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-34458-1

Login Number: 34458

List Source: TestAmerica Irvine

List Number: 1

Creator: Avila, Stephanie

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	D.Raynal
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	