

### **RECEIVED**

By lopprojectop at 1:54 pm, Jun 08, 2006

Denis L. Brown

**Shell Oil Products US** 

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

June 8, 2006

Jerry Wickham Alameda County Health Care Services Agency 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

Re: Second Quarter 2006 Groundwater Monitoring Report

Shell-Branded Service Station 1285 Bancroft Avenue San Leandro, California SAP Code 136017 Incident No. 98996067

RO #0156

Dear Mr. Wickham:

Attached for your review and comment is a copy of the Second Quarter 2006 Groundwater Monitoring Report for the above referenced site. 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

Sr. Environmental Engineer

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

#### Second Quarter 2006 Groundwater Monitoring Report Re:

Shell-branded Service Station 1285 Bancroft Avenue San Leandro, California SAP Code 136017 Incident #98996067 Cambria Project #248-0504-002

RO0000156



Dear Mr. Wickham:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

#### REMEDIATION SUMMARY

On September 2, 1998, mobile groundwater extraction (GWE) was performed at the site. From July 30, 1999 through September 9, 1999, weekly GWE events were performed using wells MW-1, MW-3, and MW-5.

Dual-phase vapor extraction (DVE) is the process of applying high vacuum through an airtight well seal to simultaneously extract soil vapors from the vadose zone and to enhance GWE from the saturated zone. In November 2000, Cambria initiated monthly mobile DVE on wells MW-5 and MW-6 to facilitate hydrocarbon and oxygenate removal from groundwater and the vadose zones. To date, approximately 17.9 pounds of liquid-phase total petroleum hydrocarbons as gasoline (TPHg), 0.77 pounds of liquid-phase methyl tertiary-butyl ether (MTBE), 0.36 pounds of liquid-phase benzene, 131.5 pounds of vapor-phase TPHg, 1.23 pounds of vapor-phase MTBE, and 0.2 pounds of vapor-phase benzene have been removed from the subsurface. Since underground storage tank enhanced-vapor-recovery upgrades occurred in January 2005 and because of the lack of marked effect on concentrations in MW-5 and MW-6, mobile DVE operations were put on hold following the January 17, 2005 event pending an overall evaluation of the site.

Cambria Environmental Technology, Inc.

5900 Hollis Street Suite A Emeryville, CA 94608 Tel (510) 420-0700 Fax (510) 420-9170

### CAMBRIA

#### **SECOND QUARTER 2006 ACTIVITIES**

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all wells, measured dissolved oxygen (DO) concentrations in all wells, calculated groundwater elevations, and compiled the analytical data. On April 17, 2006, well MW-6 was inaccessible because of a broken stinger in the well. Blaine removed the stinger and sampled the well on May 2, 2006. Cambria prepared a vicinity map which includes previously submitted well survey information (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.



#### **ANTICIPATED THIRD QUARTER 2006 ACTIVITIES**

*Groundwater Monitoring:* Blaine will gauge and sample all wells, measure DO concentrations in all wells, and tabulate the data. Cambria will prepare a monitoring report.

*Site Conceptual Model:* Cambria will submit a site conceptual model to Alameda County Health Care Services Agency during third quarter 2006.

### CAMBRIA

#### **CLOSING**

We appreciate the opportunity to work with you on this project. Please call David Gibbs at (510) 420-3363 if you have any questions or comments.

Sincerely,

Cambria Environmental Technology, Inc.



A. Tel for:

David M. Gibbs, P.G. Project Geologist

Aubrey K. Cool, P.G. Senior Project Geologist

Figures: 1 - Site Vicinity and Sensitive Receptor Survey Map

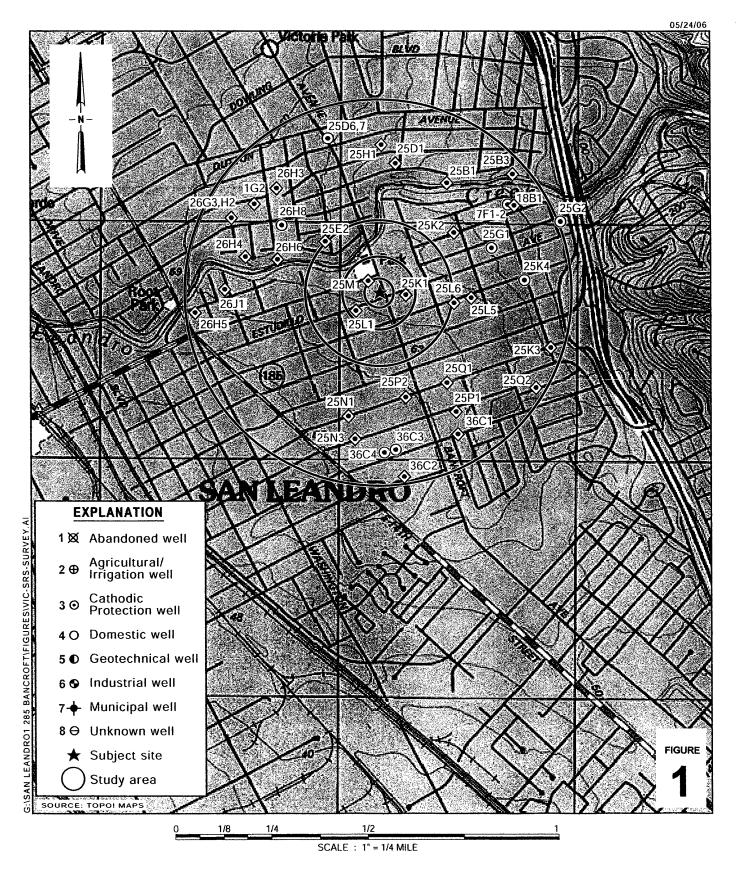
2 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810 Mike Bakaldin, City of San Leandro, 835 East 14th Street, San Leandro, CA 94577

Ivan G. and Joanne Cornelius, 198 Juana Avenue, San Leandro CA 94577

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### **Shell-branded Service Station**

1285 Bancroft Avenue San Leandro, California Incident No.98996067



Site Vicinity and Sensitive Receptor Survey Map

(1/2-Mile Radius)

CAMBRIA

AITENUE

BANCROFT

MW-2

37.92

1.58

< 0.500

<0.500 17.6

**FIGURE** 

Shell-branded Service Station 1285 Bancroft Avenue San Leandro, California Incident No.98996067



<u>~</u> ₩ W ⋖ O

17, 2006

CALLAN AVENUE Nearest Sensitive Receptors apts. 599 Callan Relative to Site apts. . Callan grass courtyard (25M1, 150) parking lot 609 Callan Domestic Well, confirmed not in use (25K1, 150') Domestic Irrigation Well, confirmed not in use (25L1, 200') SB-9 **●** apts. (25P2, 1,425') 597 Callan parking 1247 Bancroft IW-1 **37.54** <0.500 SB-12 MW-7 < 0.500 37.84 ⊚SB 5 <0.500 <0.500 MW-4 apts. MW-12 37.52 37.84 ယ္ျ 566 Estudillo SB-10 I <0.500 1.60 SB-6 SB-6

□-4-4.0 □-2-4.5 □
□-2-4.5 □
□-2-4.5 □
□-2-4.0 □-2-4.5 □
□-2-4.0 □-2-4.5 □ < 0.500 < 0.500 D-2A(2.0) **Shell Station** D-1(2.0) D-3(2.0) 38.00 MW-3 dispensers 1285 Bancroft B-5 MW-6 38.01 apts. 560 Estudil 101 - 5/2/06 <0.500 9.55 43800 BH-E 596 - 5/2/06 courtyard 572 ● SB-3 D-4(2.0) E-2(3.5) MW-1 MW-5 37.89 38.03 277 1,930 ⊚ SB-2 < 0.500 ● SB-11 A < 0.500 SB-7⊚ B-3 37.49\* MW-11 5.89 15.8 37.38 → 37.75 <0.500 <0.500 SB-1® ♦ MW-10 37.54 < 0.500 MW-8 37.60 31.6

80

Scale (ft)

ESTUDILLO AVENUE

# ATTACHMENT A Blaine Groundwater Monitoring Report and Field Notes



GROUNDWATER SAMPLING SPECIALISTS SINCE 1985

May 22, 2006

Denis Brown Shell Oil Products US 20945 South Wilmington Avenue Carson, CA 90810

> Second Quarter 2006 Groundwater Monitoring at Shell-branded Service Station 1285 Bancroft Avenue San Leandro, CA

Monitoring performed on April 17 and May 2, 2006

#### Groundwater Monitoring Report 060417-SL-1

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

 SAN JOSE
 SACRAMENTO
 LOS ANGELES
 SAN DIEGO

 1680 ROGERS AVENUE
 SAN JOSE, CA. 95112-1105
 (408) 573-0555
 FAX (408) 573-7771
 LIC. 746684
 www.blqinelech.com

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata Project Coordinator

MN/jn

attachments: Cumulative Table of WELL CONCENTRATIONS

Certified Analytical Report

Field Data Sheets

cc: Anni Kreml

Cambria Environmental Technology, Inc.

5900 Hollis Street, Suite A Emeryville, CA 94608

					ļ	· · · · · · · · ·		MTBE	MTBE					1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	Т	E	х	8020	8260	DIPE	ETBE	TAME	ТВА	DCA	EDB :	Ethanol	тос	Water	Elevation	Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
																			· · · · ·	
MW-1	03/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	, NA	NA	NA	NA	66.29	42.65	23.64	NA
MW-1	06/12/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.14	23.15	NA
MW-1	09/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	44.71	21.58	NA
MW-1	12/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	45.23	21.06	NA.
MW-1	03/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.32	22.97	NA
MW-1	06/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	42.18	24.11	NA
MW-1	09/17/1991	50 a	160 a	<0.5	<0.5	<0.5	<0.5	NA	NA	ÑΑ	NA	NA	NA	NA	NA	NA	66.29	44.85	21.44	NA
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NΑ	NA	NA	NA	66.29	41.56	24.73	NA
MW-1	06/03/1992	<50	NA	0.8	<0.5	0.9	<0.5	NA	NA	NA	NA	NA	NΑ	NA	NA	NA	66.29	40.74	25.55	NA
MW-1	09/01/1992	<50	NA	<0.5	5.8	5.3	7.2	NA	66.29	43.05	23.24	NA								
MW-1	12/07/1992	68	NA	<0.5	8.0	<0.5	1.2	NA	NA	NA	ΝA	NA	NA	_NA	NA	NA	66.29	44.19	22.10	NA
MW-1	03/01/1993	<b>&lt;50</b>	NA	<0.5	<0.5	<0.5	<0.5	NA	66.29	34.96	31.33	NA								
MW-1 (D)	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	66.29	34.96	31.33	NA								
MW-1	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	66.29	36.75	29.54	NA								
MW-1	09/09/1993	200 a	NA	16	5.2	2	<0.5	NA	66.29	39.36	26.93	NA								
MW-1	12/13/1993	89 a	NA	3.4	<0.5	<0.5	<0.5	NA	66.29	40.74	25.55	NA								
MW-1	03/03/1994	65 a	NA	2.6	<0.5	<0.5	<0.5	NA	66.29	38.40	27.89	NA								
MW-1	07/27/1994	180	NA	30	1.8	2.6	5	NA	NA	NΑ	NA	NA	NA	NA	NA	NA	66.90	40.49	26.41	NA
MW-1 (D)	07/27/1994	240	NA	25	2.2	2.2	4	NA	66.90	40.49	26.41	NA								
MW-1	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	40.84	26.06	NA
MW-1	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	, NA	NA	NA	NA	NA	NA	NA	NA	66.90	41.98	24.92	NA
MW-1	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	41.34	25.56	NA
MW-1	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	42.06	24.84	NA
MW-1	01/04/1995	<50	NA	2.4	<0.5	<0.5	<0.5	NA	66.90	39.90	27.00	NA								
MW-1 (D)	01/04/1995	<50	NA	2.5	<0.5	<0.5	<0.5	NA	66.90	39.90	27.00	NA								
MW-1	04/14/1995	<50	NA	<0.5	0.5	<0.5	<0.5	NA	66.90	31.02	35.88	NA								
MW-1 (D)	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA_	NA	66.90	31.02	35.88	NA							
MW-1	07/12/1995	<50	NA	1.2	8.0	<0.5	<0.5	NA	66.90	34.61	32.29	NA								
MW-1	12/14/1995	380	NA	230	9	1,1	49	NA	NA	NA	NA	_ NA	NA	NA	NA	NA	66.90	39.24	27.66	NA
MW-1	01/10/1996	60	. NA	3.5	<0.5	<0.5	0.5	NA	66.90	38.34	28.56	NA								
MW-1	04/25/1996	<50	NA	3.3	2.4	1.2	5.4	_ NA	NA	NA	NA	NA	NA	NA	. NA	NA	66.90	31.95	34.95	NA
MW-1	07/09/1996	810	NA	29	7.3	<5.0	11	1,800	NA	66.90	34.45	32.45	NA							

· · · · · ·								MTBE	MTBE			I		1,2-	1			Depth to	GW	DO
Well ID	Date	ТРРН	TEPH	В	т	Е	х	8020	8260	DIPE	ETBE	TAME	ТВА	DCA	EDB	Ethanol	тос	Water	Elevation	
"""	Date	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)						
		(-3/	(-3/	(3/	(37	(37	(37	\- <u>U- U- </u>	(-9/	(57	<u> </u>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	( · J· -/	1 ( ·· J· – /	, <u>( -                                  </u>	(-9/	1 ( 7	, , , ,	(***==/	(F)7
MW-1	10/02/1996	<125	NA	3.1	<1.2	<1.2	<1.2	960	NA	NA	NA	NA	NA	NA	NA	NA	66.90	37.72	29.18	NA
MW-1	01/09/1997	<250	NA	<2.5	<2.5	<2.5	<2.5	510	NA	NA	NA	NA	NA	NA	NA	NA	66.90	32.25	34.65	NA
MW-1	04/09/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	130	NA	NA	NA	NA	NA	NA	NA	NA	66.90	32.90	34.00	NA
MW-1	07/02/1997	<250	NA	60	7.6	4.2	18	1,300	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.65	30.25	NA
MW-1	10/24/1997	<500	NA	140	<5.0	12	40	2,600	NA	NA	NA	NA	NA	NA	NA	NA	66.90	39.75	27.15	4.5
MW-1	01/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	170	. NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.31	30.59	4.0
MW-1	04/14/1998 b	72	NA	0.82	4.9	1.8	13	2.7	NA	NA	NA	NA	NA	NA	NA	NA	66.90	26.37	40.53	2.2
MW-1	07/15/1998	<50	NA	2.5	1.5	<0.50	<0.50	12	NA	NA	NA	NΑ	NA	NA	NA	NA	66.90	31.23	35.67	2.4
MW-1	07/28/1998	NA	NA :	NA	NA	NA	NA	193	190	<2.0	<2.0	<2.0	<100	<2.50	<2.50	<500	66.90	31.23	35.67	2.4
MW-1	10/13/1998	<50	NA ·	3.2	0.69	<0.50	1.1	29	NA	NA	NA	NA	NA	NA	NA	NA	66.90	35.69	31.21	1.3
MW-1	_01/22/1999	567	NA	79.7	120	21.4	99.9	193	190	NA	NA	NA	NA	NA	NA	NA	66.90	35.32	31.58	1.2
MW-1	04/16/1999	<50	NA	0.69	1.1	1.2	<0.50	8.2	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.76	35.14	1.0
MW-1	07/22/1999	<50	ΝA	<0.500	<0.500	<0.500	<0.500	<5.00	2,17	NA	NA	NA	NA	NA	NA	NA	66.90	23.21	43.69	2.1/2.0
MW-1	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	ÑΑ	NA	66.90	33.27	33.63	2.2/2.1
MW-1	01/07/2000	<50.0	NA	0.631	0.577	<0.500	1.25	14.1	NA	NA	NΑ	NA	NA	NA	NA	. NA	66.90	38.17	28.73	d
MW-1	04/05/2000	153	NA	12.4	21.2	6.65	28.3	50.1	NA	NA	NA	NA	NA	NA	NA	NA	66.90	30.45	36.45	2.0/2.3
MW-1	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	. NA	66.90	34.29	32.61	4.4/3.8
MW-1	10/19/2000	129	NA	7.76	19.6	7.84	33.3	31.3	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.87	30.03	3.9/4.7
MW-1	01/15/2001	201	NA	7.58	29.9	9.64	42.9	24.9	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.99	29.91	2.7/3.0
MW-1	04/30/2001	<50	NA	<0.50	<0.50	<0.50	0.54	NA	<5.0	NA	NA	NA	NΑ	NA	NA	NA	66.90	34.62	32.28	3.1/2.4
MW-1	07/20/2001	180	NA	8.0	16	9.5	39	NA	140	NA	NA	NA	NA	NA	NA	NA	66.90	37.25	29.65	3.9/3.8
MW-1	10/24/2001	94	NA	7.0	0.90	3.4	8.4	NA	34	NA	NA	NA	NΑ	NA	NA	NA	66.90	38.82	28.08	3.6/3.9
MW-1	01/03/2002	<50	NA	<0.50	0.78	<0.50	1.5	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.90	34.97	31.93	3.1/3.3
MW-1	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.90	34.04	32.86	1.6/1.8
MW-1	07/11/2002	61	NA	2.2	2.6	3.9	14	NA	28	NA	NA	NA	NA	NA	NA	NA	66.90	36.15	30.75	0.6/3.8
MW-1	10/28/2002	270	NA	7.9	3.6	17	51	NA	72	NA	NA	NA	NA	NA	NA	NA	66.33	38.35	27.98	1.0/1.2
MW-1	01/07/2003	<50	NA	<0.50	<0.50	<0.50	0.53	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.33	34.13	32.20	3.8/3.9
MW-1	04/14/2003	<50	NA	0.51	0.52	1.0	2.9	NA	21	NA ;	NA	NA	NA	NA	NA	NA	66.33	35.40	30.93	3.4/3.5
MW-1	07/01/2003	<50	NA	<0.50	<0.50	1.1	2.5	NA	4.1	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	66.33	35.19	31.14	0.4/0.7
MW-1	10/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	66.33	38.63	27.70	2.9/2.9
MW-1	01/15/2004	72	NA	<0.50	0.75	1.4	5.2	NA	10	NA	NA	NA	NA	NA	NA	NA	66.33	36.13	30.20	4.1/4.0
MW-1	04/09/2004	98	NA	<0.50	<0.50	0.57	1.7	NA	1.6	NA	. NA	NA	NA	NA	NA	. NA	66.33	34.95	31.38	4.7/3.9
MW-1	07/13/2004	75	NA	0.52	<0.50	2.0	2.8	NA	11	<2.0	<2.0	<2.0	5.0	NA	NA	<50	66.33	37.68	28.65	0.77/0.81

								MTBE	MTBE					1,2-	}		<u> </u>	Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	т	Е	x	8020	8260	DIPE	ETBE	TAME	ТВА	DCA	EDB	Ethanoi	тос	Water	Elevation	Reading
''	54.0	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
							, , ,	, <b>v</b> /	<del></del>	······································		<u>, v / </u>	, <u>v</u>						<del></del>	
MW-1	11/05/2004	180	NA	4.4	0.72	4.1	9.5	NA	67	NA	NA	NA	NA	NA	NA	NA	66.33	38.86	27.47	4.1/4.8
MW-1	01/10/2005	180	NA	0.50	<0.50	1.0	3.8	NA	15	NA	NA	NA	NA	NA	NA	NA	66.33	36.10	30.23	0.1/3.8
MW-1	04/11/2005	91 k	NA	<0.50	<0.50	<0.50	<1.0	NA	0.82	NA	NA	NA	NA	NA	NA	NA	66.33	31.71	34.62	3.85/2.37
MW-1	07/12/2005	56 k	NA	<0.50	<0.50	<0.50	<1.0	NA	0.52	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	66.33	34.12	32.21	4.3/3.9
MW-1	10/21/2005	85	NA	0.91	<0.50	6.7	8.7	NA	16	NA	NA	NA	NA	NA	NA	NA	66.33	37.21	29.12	4.3/4.0
MW-1	01/09/2006	<50	NA	<0.50	<0.50	<0.50	1.2	NA	3.2	NA	NA	NA	NA	NA	NA	NA	66.33	33.53	32.80	3.6/3.8
MW-1	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	66.33	28.44	37.89	3.61/3.43
																			<del>,</del>	
MW-2	03/01/1992	910	<50	11	5.2	50	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.57	25.34	NA
MW-2	06/03/1992	1,400	NA	33	16	150	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.56	26.35	NA
MW-2	09/01/1992	230	NA	5.2	4.1	15	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	42.94	23.97	NA
MW-2 (D)	09/01/1992	320	NA	5.6	5	18	220	NA	NA	NA	NA	NA	. NA	NA	NA .	NA	66.91	42.94	23.97	NA
MW-2	12/07/1992	240	NA	1.5	1.3	9.5	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	44.13	22.78	NA
MW-2 (D)	12/07/1992	<50	NA	1.7	1	13	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	44.13	22.78	NA
MW-2	03/01/1993	230	NA	260	310	27	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.82	32.09	NA
MW-2	06/22/1993	220	NA	18	3.4	3.6	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.64	30.27	NA
MW-2 (D)	06/22/1993	320	NA.	29	4.8	4.2	6.1	NA	NA_	NA	NA_	NA_	NA	NA	NA_	NA NA	66.91	36.64	30.27	NA
MW-2	09/09/1993	260	NA	18	4.6	16	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.24	27.67	NA
MW-2 (D)	09/09/1993	210	NA .	16	3.9	14	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.24	27.67	NA
MW-2	12/13/1993	1,300 a	NA	82	34	73	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.64	26.27	NA
MW-2 (D)	12/13/1993	1,400 a	NA	110	45	72	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.64	26.27	NA
MW-2	03/03/1994	9,600	NA	1,200	600	390	710	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.98	27.93	NA
MW-2 (D)	03/03/1994	10,000	NA	930	500	330	590	NA	NA	NA	NA	NA	NA_	NA	NA	NA	66.91	38.98	27.93	NA
MW-2	07/27/1994	190	NA	<0.5	1	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.40	26.51	NA
MW-2	08/09/1994	1,500	NA	53.5	12.4	46.2	44	NA	NA	NA	NA	NA.	NA	NA.	NA	NA	66.91	40.71	26.20	NA
MW-2	10/05/1994	<485	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.89	25.02	NA NA
MW-2	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA NA	NA	NA	NA	NA	66.91	41.22	25.69	NA
MW-2	12/29/1994	NA	NA	NA	NA	NA	NA	NA.	NA	NA	NA	NA.	NA	NA_	NA	NA	66.91	41.99	24.92	NA
MW-2	01/04/1995	1,300	NA	150	35	23	51	NA.	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.81	27.10	NA
MW-2	04/14/1995	5,000	NA	1,000	340	400	810	NA.	NA	NA	NA	NA	NA	NA	NA	NA	66.91	30.83	36.08	NA
MW-2	07/12/1995	4,500	NA	440	170	170	290	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.50	32.41	NA
MW-2 (D)	07/12/1995	4,300	NA	430	160	160	280	NA	NA	NA	NA	NA	NA	NA.	NA	NA	66.91	34.50	32.41	NA
MW-2	12/14/1995	37,000	NA.	1,800	7,600	1,000	6,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.22	27.69	NA

								MTBE	MTBE					1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	Т	E	x	8020	8260	DIPE	ETBE	TAME	TBA	DCA	EDB	Ethanol	TOC	Water	Elevation	Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
MW-2 (D)	12/14/1995	34,000	NA	1,800	6,600	1,000	6,500	NA	66.91	39.22	27.69	NA								
MW-2	01/10/1996	69,000	NA	1,000	3,200	510	3,300	NA	NA.	NA	NA	NA	NΑ	NA	NA	NA	66.91	38.22	28.69	NA_
MW-2 (D)	01/10/1996	78,000	NA	1,100	3,500	560	3,600	NA	66.91	38.22	28.69	NA								
MW-2	04/25/1996	11,000	NA	820	880	210	1,400	NA	66.91	31.78	35.13	NA								
MW-2 (D)	04/25/1996	9,300	NA	690	710	160	1,200	NA	66.91	31.78	35.13	NA								
MW-2	07/09/1996	100,000	NA	15,000	24,000	1,700	9,900	70,000	NA	66.91	34.35	32.56	NA							
MW-2 (D)	07/09/1996	86,000	NA	12,000	19,000	1,400	7,500	32,000	NA	66.91	34.35	32.56	NA							
MW-2	10/02/1996	82,000	NA	20,000	32,000	1,800	9,100	40,000	NA	66.91	37.56	29.35	NA							
MW-2 (D)	10/02/1996	89,000	NA	19,000	31,000	1,700	8,900	42,000	NA	66.91	37.56	29.35	NA							
MW-2	01/09/1997	17,000	NA	710	2,300	350	2,200	4,000	NA	66.91	32.07	34.84	NA							
MW-2 (D)	01/09/1997	12,000	NA	490	1,300	260	1,800	2,800	NA	66.91	32.07	34.84	NA							
MW-2	04/09/1997	20,000	NA	970	3,500	330	2,000	3,200	NA	66.91	32.78	34.13	NA							
MW-2	07/02/1997	28,000	NA	1,700	8,700	550	3,000	5,500	NA	66.91	36.56	30.35	NA							
MW-2 (D)	07/02/1997	32,000	NA	2,000	11,000	680	3,800	6,400	NA	66.91	36.56	30.35	NA							
MW-2	10/24/1997	14,000	NA	460	1,000	300	2,000	3,000	NA	66.91	39.74	27.17	3.2							
MW-2 (D)	10/24/1997	14,000	NA	420	980	270	2,000	2,800	NA .	NA	66.91	39.74	27.17	3.2						
MW-2	01/08/1998	180	NA -	2.8	1.6	<0.50	<0.50	7.6	NA	66.91	36.13	30.78	3.6							
MW-2	04/14/1998 b	12,000	NA	92	1,500	260	1,900	110	NA	66.91	26.15	40.76	4.6							
MW-2	07/15/1998	36,000	NA_	250	5,600	830	6,000	6,800	NA .	NA	66.91	31.14	35.77	4.8						
MW-2 (D)	07/15/1998	35,000	NA	230	5,600	860	600	570	NA	66.91	31.14	35.77	4.8							
MW-2	10/13/1998	100	NA	7	12	3.7	10	5.8	NA	66.91	36.14	30.77	0.8							
MW-2	01/22/1999	21,000	NA	701	3,330	960	5,420	772	620	<2.0	<2.0	<2.0	<100	<100	<100	<500	66.91	35.97	30.94	1.0
MW-2	04/16/1999	14,000	NA	200	1,600	560	3,300	330	NA	66.91	31.52	35.39	1.0							
MW-2	07/22/1999	1,410	NA	28.3	91.2	50.4	256	35.3	15.2	NA	66.91	26.14	40.77	2.1/2.5						
MW-2	12/08/1999	<50.0	NА	1.45	1.34	1.15	5.31	5.08	NA	NA	NA	NA	NA	NΑ	NA	NA	66.91	37.72	29.19	2.1/2.5
MW-2	01/07/2000	743	NA	18.6	47.0	3.06	166	30.3	NA	66.91	38.14	28.77	1.4/1.8							
MW-2	04/05/2000	2,320	NA	60.9	101	115	606	62.5	NA	66.91	30.46	36.45	1.7/1.9							
MW-2	07/12/2000	12,100	NA	325	555	793	3,610	260	NA	NA .	66.91	34.13	32.78	4.1/4.6						
MW-2	10/19/2000	4,840	NA	188	267	318	1,370	84.4	NA.	NA	NA	NA	NA	ŅA	NA	NA	66.91	36.50	30.41	4.8/2.6
MW-2	01/15/2001	654	NA	52.3	9.10	37.8	93.6	_10.9	NA	66.91	36.73	30.18	4.2/3.5							
MW-2	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA.	<5.0	NA	66.91	35.25	31.66	2.4/2.0						
MW-2	07/20/2001	5,400	NA	320	110	340	1,100	NA	33	NA	66.91	37.00	29.91	3.4/2.4						
MW-2	10/24/2001 g	NA	NA	NΑ	_NA	NA	66.91	38.63	28.28	NA										

		<del></del>						MTBE	MTBE					1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	т	E	Х	8020	8260	DIPE	ETBE	TAME	TBA	DCA	EDB	Ethanol	TOC	Water	Elevation	Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
MW-2	10/31/2001	1,400	NA	81	16	76	180	NA	29	NA	66.91	38.71	28.20	3.8/2.9						
MW-2	01/03/2002	1,800_	NA	88	62	130	520	NA	17	NA	66.91	34.71	32.20	3.0/2.1						
MW-2	04/05/2002	9,400	NA	190	120	410	1,800	NA	<50	NA	66.91	33.86	33.05	1.3/1.8						
MW-2	07/11/2002	6,700	NA	220	73	360	1,100	NA	<20	NA	66.91	35.99	30.92	3.4/2.1						
MW-2	10/28/2002	4,600	NA_	190	25	210	370	NA .	21	NA	NA	NA	NA	NA	NA .	NA	66.33	38.05	28.28	0.7/0.9
MW-2	01/07/2003	1,700	NA	9.3	14	83	380	NA	<5.0	NA	66.33	34.22	32.11	3.9/3.6						
MW-2	04/14/2003	5,900	NA	86	53	360	1,500	NA	<50	NA	66.33	35.28	31.05	3.0/2.9						
MW-2	07/01/2003	2,200	NA	34	24	130	510	NA	3.3	<10	<10	<10	<25	<2.5	<2.5	<250	66.33	35.13	31.20	0.9/1.1
MW-2	10/08/2003	4,000	NA	160	28	220	530	NA	<10	NA	66.33	38.59	27.74	2.9/0.5						
MW-2	01/15/2004	3,300	NA	63	29	300	1,000	NA	15	NA	NA	ΝA	NA	NA	NA	NA	66.33	36.38	29.95	5.0/2.6
MW-2	04/09/2004	3,000	NA	52	20	180	520	NA	3.5	NA	66.33	34.01	32.32	4.2/3.1						
MW-2	07/13/2004	3,400	NA	68	18	250	540	NA	4.7	<10	<10	<10	<25	NA	NA	<250	66.33	38.10	28.23	1.20/0.99
MW-2	11/05/2004	2,500	NA	120	14	190	280	NA	17	NA	66.33	38.82	27.51	8.1/8.5						
MW-2	01/10/2005	2,700	NA	54	14	220	590	NA	38	NA	NA	NA_	NA	NA	NA	NA	66.33	35.97	30.36	3.21/3.06
MW-2	04/11/2005	3,200	NA	50	15	220	500	NA	11	NA	NA	NA	NA	NA	NA	NΑ	66.33	31.67	34.66	3.53/0.40
MW-2	07/12/2005	3,200	NA	41	13	280	290	NA	10	<10	<10	<10	<25	NA	NA	<250	66.33	33.93	32.40	1.0/1.0
MW-2	10/21/2005	4,300	NA	96	16	420	350	NA	11	NA	66.33	37.19	29.14	2.3/2.0						
MW-2	01/09/2006	1,900	NA	34	8.3	160	250	NA	2.3	NA	66.33	33.39	32.94	4.0/3.3						
MW-2	04/17/2006	<50.0	NA	1.58	0.690	15.0	24.6	NA	<0.500	NA	66.33	28.41	37.92	3.96/2.43						
MW-3	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	66.31	42.00	24.31	NA								
MW-3	06/03/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	ŅA	NA_	NA	NA	66.31	44.30	22.01	NA
MW-3	09/01/1992	<50	NA	<0.5	<0.5	1.1	3.2	NA	66.31	43.62	22.69	NA								
MW-3	12/07/1992	52	NA	<0.5	<0.5	<0.5	0.5	NA	NА	NA	66.31	44.77	21.54	NA						
MW-3	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	66.31	35.50	30.81	NA								
MW-3	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	ŇA	NA	66.31	37.30	29.01	NA							
MW-3	09/09/1993	50 a	NA	5	<0.5	<0.5	<0.5	NA	NA	NA	NA	ΝA	NA	NA	NA	NA	66.31	39.90	26.41	NA
MW-3	12/13/1993	120 a	NA	7.5	<0.5	1.6	6.3	NA	66.31	41.30	25.01	NA								
MW-3	03/03/1994	<50	NA	0.81	<0.5	<0.5	<0.5	NA	66.31	38.32	27.99	NA								
MW-3	07/27/1994	<50	NA	3.5	<0.5	<0.5	<0.5	NA	67.52	41.07	26.45	NA								
MW-3	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.37	26.15	NA
MW-3	10/05/1994	<57	NA	<0.3	<0.3	<0.3	<0.6	NA	67.52	42.55	24.97	NA								
MW-3	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.86	25.66	NA

								MTBE	MTBE					1,2-				Depth to	GW	DO
Well ID	Date	ТРРН	ТЕРН	В	т	E	x	8020	8260	DIPE	ETBE	TAME	TBA	DCA	EDB	Ethanol	тос	Water	Elevation	Reading
I Well ID	Dute	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
	<u> </u>	\- <u>-</u> 3//_	1 (-3/-/	(-3/-/		(-3:-/	(-3/	\-\ <u>\</u>	<u> </u>	<u>, , , , , , , , , , , , , , , , , , , </u>	,		<u> </u>		, 0 ,			<u> </u>	<u></u>	1
MW-3	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	42.59	24.93	NA
MW-3	01/04/1995	<50	NA	6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	40.54	26.98	NA
MW-3	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	31.50	36.02	NA
MW-3	07/12/1995	90	NA	16	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	35.14	32.38	NA
MW-3	12/14/1995	4,600	NA	460	390	34	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	39.86	27.66	NA
MW-3	01/10/1996	11,000	NA	470	460	68	670	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	39.98	27.54	NA
MW-3	04/25/1996	5,500	NA	830	910	<50	460	NA	NA	NA	NA	NA	NA	NA	NA	NΑ	67.52	32.38	35.14	NA
MW-3	07/09/1996	72,000	NA	7,600	14,000	970	5,900	59,000	NA	NA	NA	NA	NA	ÑΑ	NA	NΑ	67.52	34.93	32.59	NA NA
MW-3	10/02/1996	77,000	NA	15,000	24,000	2,000	9,600	94,000	71,000	NA	NA	NA	NA	NA	NA	NA	67.52	38.20	29.32	NA
MW-3	01/09/1997	130	NA	15	16	2	9.7	80	NA	NA	NA	NA	NA	NA	NA	NA	67.52	32.81	34.71	NA
MW-3	04/09/1997	24,000	NA	2,900	5,300	420	2,200	4,100	NA	ÑΑ	NA	NA	NA	NA	NA	NA	67.52	33.42	34.10	NA
MW-3 (D)	04/09/1997	24,000	NA	3,000	5,600	450	2,300	4,700	NA	NA	NA	NA	NA	NA	NA	NA	67.52	33.42	34.10	NA
MW-3	07/02/1997	68,000	NA	7,400	18,000	1,600	8,700	16,000	NA	NA	NA	NA	NA	NA	NA	NA	67.52	37.22	30.30	NA
MW-3	10/24/1997	93,000	NA	1,800	8,500	2,300	14,000	3,100	NA	NA	ŅA	NA	NA	NA	NA	NA	67.52	40.75	26.77	1.8
MW-3	01/08/1998	16,000	NA	140	870	22	5,000	120	NA	NA	NA .	NA	NA	NA	NA	NA	67.52	36.90	30.62	2.1
MW-3 (D)	01/08/1998	24,000	NA	100	840	26	5,600_	<100	NA	NA	NA	NA	NA	NA_	NA	NA	67.52	36.90	30.62	2.1
MW-3	04/14/1998 b	100,000	NA	270	5,000	2,100	17,000	890	NA	NA	NA	NA	NA	NA	NA	NA	67.52	26.92	40.60	1.8
MW-3 (D)	04/14/1998 b	49,000	NΑ	230	3,200	1,200	8,900	790	NA	NA	NA	NA	NA	NA	NA_	NA	67.52	26.92	40.60	1.8
мW-з	07/15/1998	31,000	NA	1,100	3,300	300	2,800	3,700	NA	NA	NA_	NA	NA	NA	NA	NA	67.52	31.74	35.78	2
MW-3	10/13/1998	51,000	NA	3,100	12,000	7,630	6,800	6,200	NA	NA	NA	NA	NA	NA	NA	NA	67.52	35.61	31.91	2.1
MW-3 (D)	10/13/1998	88,000	NA	5,800	21,000	1,400	12,000	9200	NA	NA	NA	NA	NA	NA	NA	NA	67.52	35.61	31.91	2.1
MW-3	01/22/1999	25,100	NA	855	4,400	786	5,260	1,850	1,500	<2.0	<2.0	<2.0	<100	<100	<100	<500	67.52	35.29	32.23	0.8
MW-3	04/16/1999	7,800	NA	150	550	160	1,100	370	NA_	NA	NA.	NA	NA	NA	NA	NA	67.52	32.29	35.23	1.0
MW-3	07/22/1999	1,970	NA	51.2	160	43.1	286	179	109	NA	NA	NA	NA	NA	NΑ	NA	67.52	26.67	40.85	3.1/3.0
MW-3	12/08/1999	12,500	NA	171	537	141	1,260	717	NA	NA	NA	NA	NA	NA	NA	NA	67.52	38.34	29.18	3.1/2.9
MW-3	01/07/2000	6,020	NA	<10.0	929	177	1,170	217	NA	NΑ	NA	NA	NA	NA	NA	NA	67.52	38.87	28.65	3.2/2.6
MW-3	04/05/2000	3,890	NA	120	351	67.8	576	231	NA	NA	NA	NA	NA	NA	NA	NA	67.52	31.08	36.44	3.4/3.8
MW-3	07/12/2000	23,300	NA	592	4,690	672	4,620	1,340	NA	NA	NA	NA	NA .	NA_	NA	NA	67.52	34.80	32.72	0.4/3.7
MW-3	10/19/2000	6,280	NA	124	1,280	229	1,510	311	NA	NA	NA	NA	NA	NA	NA	NA	67.52	37.34	30.18	2.1/2.9
MW-3	01/15/2001	4,800	NA	7.04	70.0	70.9	380	54.7	NA	NA	NA_	NA	NA	NA	NA	NA	67.52	37.65	29.87	2.7/2.5
MW-3	04/30/2001	<50	NA	<0.50	<0.50	<0.50	1.8	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	67.52	35.25	32.27	1.8/1.6
MW-3	07/20/2001	2,900	NA	11	100	120	520	NA	48	NA	NA.	NA	NA	NA	NA	NA	67.52	37.71	29.81	1.2/3.4
MW-3	10/24/2001 g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA.	NA	NA	NA	67.52	39.35	28.17	0.5

								MTBE	MTBE		<u></u>			1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	Т	E	x	8020	8260	DIPE	ETBE	TAME	ТВА	DCA	EDB	Ethanol	TOC	Water	Elevation	Reading
}		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)						
MW-3	10/31/2001	1,700	NA	4.5	43	43	230	NA	17	NA	NA	NA	NA	NA	NA	NA	67.52	39.30	28.22	0.8/3.0
MW-3	01/03/2002	12,000	NA	26	410	490	2,800	NA	99	NA	NA	NA	NA	NΑ	NA	NA	67.52	35.51	32.01	1.4/1.2
MW-3	04/05/2002	22,000	NA	76	930	710	4,500	NA	390	NA	NA_	NA	NA	NA	NA	NA	67.52	34.56	32.96	1.7/1.9
MW-3	07/11/2002	13,000	NA	23	340	320	1,800	NA	120	NA	NA	NA	NA	NA	NA	NA	67.52	36.65	30.87	1.0/2.2
MW-3	10/28/2002	1,500	NA	<0.50	2.6	13	83	NA	45	NA	NA	NA	NA	NA	NA	NA	66.93	38.85	28.08	1.2/1.1
MW-3	01/07/2003	5,500	NA	8.3	150	130	1,000	NA	130	NA	NA	NA	NA	NA	NA	NA	66.93	34.64	32.29	3.2/3.1
MW-3	04/14/2003	14,000	NA	23	250	470	3,200	NA NA	330	NA	NA	NA	NA	NA	NA	NA	66.93	35.90	31.03	1.6/2.1
MW-3	07/01/2003	12,000	NA .	19	100	440	2,700	NA	250	<10	<10	<10	<25	<2.5	<2.5	<250	66.93	35.70	31.23	0.9/1.0
MW-3	10/08/2003	300	NA	<0.50	0.84	3.0	16	NA	3.7	NA	NA	NA	NA	NA	NA	NA	66.93	39.25	27.68	0.4/2.6
MW-3	01/15/2004	3,500	NA	<5.0	9.4	59	340	NA	54	NA	NA	NA	NA	NA	NA	NA	66.93	36.74	30.19	2.8/3.1
MW-3	04/09/2004	8,500	NA	7.4	53	290	1,600	NA	140	NA	NA	NA	NA	NA	NA	NA	66.93	35.47	31.46	2.1/2.0
MW-3	07/13/2004	3,500	NA	<5.0	<5.0	18	64	NA	24	<20	<20	<20	<50	NA	NA	<500	66.93	38.10	28.83	1.33/1.05
MW-3	11/05/2004	3,000	NA	<5.0	9.3	35	160	NA	43	NA	NA	NA	NA	NA	NA	NA	66.93	39.44	27.49	6.1/6.7
MW-3	01/10/2005	6,000	NA	3.3	12	89	620	NA	140	NA	NA	NA	NA	NA	NA	NA	66.93	36.58	30.35	2.6/1.0
MW-3	04/11/2005	3,000	NA	2.1	8.0	87	420	NA	63	NA	NA	NA	NA	NA	NA	NA	66.93	32.34	34.59	0.19/0.17
MW-3	07/12/2005	5,000	NA	3.8	5.3	190	760	NA	120	<4.0	<4.0	<4.0	33	NA	NA	<100	66.93	34.62	32.31	2.4/2.9
MW-3	10/21/2005	180	NA	<0.50	0.59	3.7	8.4	NA	9.3	NA	NA	NA	NA	NA	NA	NA	66.93	37.80	29.13	0.4/2.2
MW-3	01/09/2006	3,100	NA	0.94	6.1	96	270	NA	26	NA	NA	NA	NA	NA	NA	NA	66.93	34.01	32.92	0.5/0.6
MW-3	04/17/2006	2,700	NA	<0.500	1.13	32.0	95.3	NA	9.55	NA	NA	NA	NA	NA	NA	NA	66.93	28.87	38.06	2.35/2.60
MW-4	07/27/1994	120	NA	3.4	3.9	0.6	4.9	NA	NA	NA	ŅA	NA	NA	NA	NA	NA	68.08	41.78	26.30	NA
MW-4	08/09/1994	NA	NA	NA	NΑ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.09	25.99	NA NA
MW-4	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA .	NA	NA	NA	NA	NA	NA	NA	NA NA	68.08	43.25	24.83	NA
MW-4 (D)	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.25	24.83	NA
MW-4	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.54	25.54	NA						
MW-4	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.34	24.74	NA						
MW-4	01/04/1995	<50	NA	1.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NΑ	NA	NA	NA	68.08	41.57	26.51	NA
MW-4	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	32.24	35.84	NA
MW-4	07/12/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	35.88	32.20	NA
MW-4	12/14/1995	70	NA	0.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	40.54	27.54	NA
MW-4	01/10/1996	280	NA	3.7	1	<0.5	0.8	NA	NA	NA	NA	NA.	NA	NA	NA	NA	68.08	39.59	28.49	NA
MW-4	04/25/1996	<500	NA	63	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	33.22	34.86	NA
MW-4	07/09/1996	<2,000	NA	160	<20	<20	<20	5,300	NA	NA	NA	<u>NA</u>	NA	NA	NA	NA	68.08	35.70	32.38	NA

					-			MTBE	MTBE					1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	т	E	х	8020	8260	DIPE	ETBE	TAME	TBA	DCA	EDB	Ethanol	TOC	Water	Elevation	Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
	·	-																		
MW-4	10/02/1996	<5,000	NA	480	<50	<50	<50	19,000	NA	68.08	38.95	29.13	NA							
MW-4	01/09/1997	<2,000	NA	43	<20	<20	<20	7,000	NA	68.08	33.04	35.04	NA							
MW-4	04/09/1997	<2,500	NA	120	<25	<25	<25	8,100	NA	NA.	68.08	34.15	33.93	NA						
MW-4	07/02/1997	<2,000	NA	81	<20	<20	<20	6,600	NA	68.08	37.92	30.16	NA NA							
MW-4	10/24/1997	<500	NA	90	<5.0	11	6.3	3,200	NA	NA .	NA	NA	NA	NA	NA	NA	68.08	41.00	27.08	2.1
MW-4	01/08/1998	<50	NA	3.9	<0.50	<0.50	<0.50	1,800	NA	68.08	37.54	30.54	2.2							
MW-4	04/14/1998 b	920	NA	<0.50	<0.50	<0.50	<0.50	27	NA	68.08	27.75	40.33	1.2							
MW-4	07/15/1998	2,100	NA	160	76	120	190	2,600	NA	NA	ÑΑ	NA	NA	NA	NA	NA	68.08	32.47	35.61	1.8
MW-4	10/13/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	17	NA	68.08	36.75	31.33	1.1							
MW-4	01/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.1	13	<2.0	<2.0	<2.0	<100	<0.500	<0.500	<500	68.08	36.41	31.67	1.6
MW-4	04/16/1999	1,800	NΑ	92	35	110	200	1,800	2,750	NA	68.08	33.00	35.08	1.2						
MW-4	07/22/1999	Well Inacce	essible	NA	NΑ	NA	NA	NA .	NA	NA	68.08	27.59	40.49	NA						
MW-4	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	22.6	NA	68.08	39.04	29.04	2.5/2.6							
MW-4	01/07/2000	871	NA	39.4	69.0	71.6	99.6	1,030	NA	NA	NA	NA_	NA	NA	NA	NA	68.08	39.35	28.73	1.2/1.2
MW-4	04/05/2000	475	NA	26.9	5.24	19.8	41.5	681	NA	68.08	31.28	36.80	1.6/1.8							
MW-4	07/12/2000	1,040	NA _	35.7	6.95	125	104	1,040	NA	NA	NA	NΑ	NA	NA	NA	NA NA	68.08	35.52	32.56	0.5/4.9
MW-4	10/19/2000	944	NA	23.9	6.57	122	109	372	NA	68.08	38.08	30.00	2.3/1.4							
MW-4	01/15/2001	1,170	NA	21.6	1.51	123	52.8	592	NA	68.08	38.31	29.77	1.7/1.9							
MW-4	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	26	NA	NA	NA	NA	NA	NA	NA NA	68.08	35.80	32.28	1.3/1.0
MW-4	07/20/2001	2,000	NA	16	5.8	230	270	NA	520	NA	68.08	38.46	29.62	1.6/1.8						
MW-4	10/24/2001	1,000	NA	6.9	<1.0	96	44	NA	270	NA	68.08	40.02	28.06	0.7/0.9						
MW-4	01/03/2002	390	NA	3.0	<0.50	19	5.9	NA _	230	NA	68.08	35.71	32.37	1.2/1.9						
MW-4	04/05/2002	150	NA	0.57	<0.50	3.8	<0.50	NA	250	NA	NA	NA	NA	NA	NA_	NA	68.08	35.25	32.83	1.6/1.6
MW-4	07/11/2002	530	NA	2.6	<0.50	46	4.6	NA	280	NA	NA	NA_	NA	NA	NA	NA	68.08	37.39	30.69	0.8/1.9
MW-4	10/28/2002	110	NA	<0.50	<0.50	1.8	<0.50	NA	180	NA_	NA	NA	NA	NA	NA	NA	67.52	39.55	27.97	1.1/0.9
MW-4	01/07/2003	210	NA	0.72	<0.50	12	1.5	NA	140	NA	67.52	35.24	32.28	2.1/2.2						
MW-4	04/14/2003	220	NA	0.77	<0.50	9.8	1.2	NA	160	NA	67.52	36.62	30.90	1.9/1.5						
MW-4	07/01/2003	61	NA	<0.50	<0.50	<0.50	<1.0	ŅA.	84	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50 c	67.52	36.49	31.03	0.6/0.7
MW-4	10/08/2003	120	NA	<0.50	<0.50	4.4	<1.0	NA	87	NA	67.52	39.96	27.56	2.6/1.5						
MW-4	01/15/2004	120	NA	<0.50	<0.50	1.3	<1.0	NA	71	NA	NA	NA	NÄ	NA	NA	NA	67.52	37.28	30.24	3.5/3.4
MW-4	04/09/2004	390	NA	<0.50	1.1	3.5	19	NA	79	NA	67.52	36.15	31.37	4.3/1.6						
MW-4	07/13/2004	89	NA	<0.50	<0.50	<0.50	<1.0	NA	63	<2.0	<2.0	<2.0	<5.0	NA_	NA	<50	67.52	39.00	28.52	0.82/0.75
MW-4	11/05/2004	120 k	NA	<0.50	<0.50	<0.50	<1.0	NA	39	NA	67.52	40.13	27.39	5.2/6.0						

			-					MTBE	МТВЕ			İ		1,2-		<u> </u>		Depth to	GW	DO
Well ID	Date	ТРРН	ТЕРН	В	т	E	х	8020	8260	DIPE	ETBE	TAME	ТВА	DCA	EDB	Ethanol	тос	Water	Elevation	
***************************************	Date	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
		(-g/	(-9/	(-3, -7	<u> </u>	\- <u>3/.</u>	(- <u>3</u> , -)	, <u>(-3</u> ,	\- <del>y</del> /	(-3:-/	10/	<u> </u>	\-\ <u>\</u> -\	(	V V 7	<del></del>	<u> /</u>	<u> </u>	· \	
MW-4	01/10/2005	140	NA	<0.50	<0.50	<0.50	<1.0	NA	44	NA	NA	NA	NA	NA	NA	NA	67.52	37.27	30.25	0.1/0.5
MW-4	04/11/2005	75 k	NA	<0.50	<0.50	<0.50	<1.0	NA	17	NA	NA	NA	NA	NA .	NA	NA	67.52	32.92	34.60	0.29/0.18
MW-4	07/12/2005	78	NA	<0.50	<0.50	<0.50	<1.0	NA	21	<2.0	<2.0	<2.0	6.0	NA	NA	<50	67.52	35.35	32.17	1.7/1.5
MW-4	10/21/2005	76	NA	<0.50	<0.50	<0.50	<1.0	NA	27	NΑ	NA	NA	NA	NA	NA	NA	67.52	38.57	28.95	2.2/1.8
MW-4	01/09/2006	<50	NA	<0.50	<0.50	<0.50	0.51	NA	14	NA	NA	NA	NA	NA	NA	NA	67.52	34.67	32.85	0.6/0.9
MW-4	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.60	NA	NA	NA	NA	NA	NA	NA	67.52	29.68	37.84	1.09/1.54
		,							,											
MW-5*	06/04/1999	159,000	NA	7,190	39,300	2,450	16,700	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	66.50	33.48	33.02	1.7
MW-5	06/04/1999	80,400	NA	4,400	26,000	1,480	11,000	3,660	NA	NA	NA	NA	NA	NA	NA	NA	66.50	33.48	33.02	1.9
MW-5	07/22/1999	97,200	NA	4,580	25,600	1,580	10,100	<5,000	4,330	NA	NA	NA	NA	NA	NA	NA	66.50	33.29	33.21	1.7/1.8
MW-5	12/08/1999	72,000	NA	3,360	16,600	1,560	8,320	3,460	NA	NA	NA	NA	NA	NA	NA	NA	66.50	37.80	28.70	1.7/1.9
MW-5	01/07/2000	104,000	NA	5,370	30,400	2,500	13,900	3,330	NA	NA	NA	NA	NA	NA	NA	NA	66.50	38.40	28.10	1.6/1.2
MW-5	04/05/2000	99,700	NA	5,710	37,000	2,410	14,200	10,800	NA	NA	NA	NA	NA	NA	NA	NA	66.50	30.72	35.78	1,7/1.5
MW-5	07/12/2000	106,000	NA	3,840	38,200	2,980	18,100	3,280	NA	NA	NA	NA	NA	NA	NA	NA	66.50	34.42	32.08	0.2/1.8
MW-5	10/19/2000	72,400	NA	3,010	32,200	2,440	15,400	2,840	NA	NA	ŊΑ	NA	NA	NA	NA	NA	66.50	36.89	29.61	1.0/2.7
MW-5	01/15/2001	78,300	NA	2,220	21,400	1,960	12,200	3,420	1,370	NA	NA	NA	NA	NA	NA	NA	66.50	37.10	29.40	1.2/1.0
MW-5	04/30/2001	83,000	NA	1,400	23,000	2,300	14,000	NA	3,400	NA	NA	NA	NA	NA	NA NA	NA	66.50	34.75	31.75	0.6/0.8
MW-5	07/20/2001 f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.50	37.40	29.10	0.5
MW-5	07/24/2001	160,000	NA	2,400	37,000	3,800	24,000	NA	1,400	NA	NA	NA_	NA	NA	NA	NA NA	66.50	37.30	29.20	0.7/0.8
MW-5	10/24/2001 g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ΝA	NA	NA	NA	66.50	39.00	27.50	NA
MW-5	10/31/2001	14,000	NA	150	2,700	450	2,300	NA	110	<2.0	<2.0	<2.0	<50	NA	NA	<500	66.50	39.05	27.45	0.4/0.8
MW-5	01/03/2002	62,000	NA	660	12,000	1,700	11,000	NA	860	NA	NA	NA	NA	NA	NA	NA	66.50	35.15	31.35	0.4/0.3
MW-5	04/05/2002	81,000	NA	1,500	19,000	2,400	13,000	NA	2,400	NA	NA	NA	NA	NA	NA	NA	66.50	34.18	32.32	1.7/1.4
MW-5	07/11/2002	140,000	NA	1,900	26,000	3,400	20,000	NA	1,700	NA	NA	NA	NA	NA	NA	NA	66.50	36.28	30.22	0.5/0.6
MW-5	10/28/2002	30,000	NA	340	4,900	830	5,200	NA	<200	NA	NA	NA	NA	NA	NA	NA	66.50	38.44	28.06	0.6/0.9
MW-5	01/07/2003	72,000	NA	720	13,000	1,900	10,000	NA	1,100	NA	NA	NA	NA	NA	NA	NA	66.50	34.17	32.33	1.4/1.1
MW-5	04/14/2003	110,000	NA	900	19,000	3,000	20,000	NA	1,400	NA	ÑΑ	NA	NA	NA	NA	NA	66.50	35.52	30.98	0.8/0.6
MW-5	07/01/2003	94,000	NA	970	22,000	3,300	20,000	NA	2,900	<500	<500	<500	<1,300	<130	<130	<13,000 c	66.50	35.37	31.13	1.1/1.0
MW-5	10/08/2003	26,000	NA	290	3,000	960	5,000	NA	300	NA	NA	NA	NA	NA	NA	NA	66.50	38.87	27.63	0.4/0.4
MW-5	01/15/2004	88,000	NA	880	18,000	3,400	19,000	NA	1,500	NA	NA	NA	NA	NA	NA	NA	66.50	36.15	30.35	3.5/2.0
MW-5	04/09/2004	1,100,000	NA	990	26,000	4,400	23,000	NA	3,500	NA	NA	NA	NA	NA	NA	NA	66.50	35.07	31.43	1.1/0.9
MW-5	06/21/2004	76,000	NA	830	18,000	3,400	21,000	NA	1,400	NA	NA	NA	NA	NA	NA	NA	66,50	37.20	29.30	1.5/1.1
MW-5	07/13/2004	91,000	NA	650	14,000	3,500	20,000	NA	1,200	<200	<200	<200	<500	NA	NA	<5,000	66.50	37.80	28.70	1.00/0.96

								MTBE	MTBE				1	1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	Т	E	Х	8020	8260	DIPE	ETBE	TAME	ТВА	DCA	EDB	Ethanol	тос	Water	Elevation	Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
									<del></del>											
MW-5	11/05/2004	5,700	NA	<20	400	190	1,100	NA	<20	NA	66.50	39.09	27.41	4.0/5.1						
MW-5	01/10/2005	130,000	NA	360	14,000	5,100	35,000	NA	900	NΑ	NΑ	NA	NA	NA	NA	NA	66.50	36.22	30.28	0.2/0.1
MW-5	04/11/2005	100,000	NA	220	9,300	3,800	25,000	NA	12,000	NA	66.50	31.85	34.65	0.08/0.21						
MW-5	07/12/2005	130,000	NA	530	19,000	6,300	42,000	NA	1,900	<200	<200	<200	730	NA	NA	<5,000	66.50	34.23	32.27	0.9/0.9
MW-5	10/21/2005	190,000	NA	550	18,000	6,700	35,000	NA	920	NA_	NA	NA	NA	NΑ	NA	NA	66.50	37.51	28.99	0.2/0.3
MW-5	01/09/2006	72,000	NA	400	8,700	4,700	18,000	NA	1,300	NA	66.50	33.61	32.89	0.2/0.4						
MW-5	04/17/2006	149,000	NA	277	8,630	4,470	24,600	NA	1,930	NA	NA	NA	NA	NA :	NA	NA	66.50	28.47	38.03	0.78/0.58
MW-6*	06/04/1999	36,000	NA	4,240	1,680	1,100	4,160	11,300	17,500	NA	64.98	32.13	32.85	1.3						
MW-6	06/04/1999	56,900	NA	6,830	6,050	1,970	9,060	17,000	24,300	NA	64.98	32.13	32.85	1.3						
MW-6	07/22/1999	42,800	NA	4,660	740	1,210	4,980	15,600	20,100	NA	64.98	32.09	32.89	2.9/2.1						
MW-6	12/08/1999	9,520	NA	1,760	58.0	142	384	9,320	7,310 c	NA	64.98	36.62	28.36	2.9/2.2						
MW-6	01/07/2000	20,000	NA	3,650	367	949	1,700	13,600	13,100	NA	64.98	37.03	27.95	1.2/1.4						
MW-6	04/05/2000	20,500 e	NA	4,190 e	1,250 e	1,200 e	2,750 e	18,600 e	12,700 c	NA	64.98	29.37	35.61	1.2/1.2						
MW-6	07/12/2000	27,300	NA	4,000	3,170	1,470	4,570	12,900	10,800 c	NA	64.98	33.04	31.94	0.8/0.4						
MW-6	10/19/2000	39,600	NA	4,050	6,250	1,920	7,800	14,200	14,600 c	NA	64.98	35.62	29.36	1.4/1.7						
MW-6	01/15/2001	64,800	NA	2,090	20,400	1,860	11,100	<1,250	NA .	NA.	NA.	NA	NA	NA	NA	NA	64.98	35.91	29.07	1.2/1.5
MW-6	04/30/2001	27,000	NA	2,300	3,200	1,100	4,600	NA	6,800	NA	64.98	33.70	31.28	1.6/1.2						
MW-6	07/20/2001	29,000	NA	2,100	1,900	1,100	5,600	NA	7,100	NA	NΑ	NA	NA	NA	NA	NA	64.98	35.98	29.00	1.0/0.7
MW-6	10/24/2001	38,000	NA	1,400	690	1,400	5,700	NA	4,800	<10	<10	<10	1,100	NA	NA_	<500	64.98	37.55	27.43	1.0/0.6
MW-6	01/03/2002	10,000	NA	810	120	260	1,100	NA	4,100	NA	64.98	33.34	31.64	0.8/0.6						
MW-6	04/05/2002	19,000	NA	1,100	1,100	510	3,000	NA.	4,300	NA_	NA	NA	NA	NA	NA	NA	64.98	34.60	30.38	1.1/1.5
MW-6	07/11/2002	26,000	NA	1,100	550	1,200	4,400	NA	5,400	NA.	NA	NA.	NA	NA.	NA	NA	64.98	35.02	29.96	0.1/0.7
MW-6	10/28/2002	11,000	NA	230	56	140	540	NA	2,500	NA	NA	NA	NA	NΑ	NA	NA	65.10	37.78	27.32	0.7/1.1
MW-6	01/07/2003	Unable to s	ample	NA.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.10	32.95	32.15	NA
MW-6	01/10/2003	17,000	NA	840	1,200	1,100	2,700	NA	3,400	NA	NA.	NA.	NA	NA	NA	NA	65.10	32.75	32.35	0.4/0.3
_ MW-6	04/14/2003	31,000	NA	810	420	1,300	4,000	NA	3,800	NA	65.10	34.95	30.15	3.6/1.0						
_ MW-6	07/01/2003	1,400	NA	88	44	<10	160	. NA	1,900	<40	<40	<40	340	<10	<10	<1,000 c	65.10	34.77	30.33	1.2/1.5
MW-6	10/08/2003	26,000	NA	720	92	1,100	1,800	NA	3,500	NA	65.10	37.57	27.53	0.5/0.6						
MW-6	01/15/2004	7,300	NA	250	110	340	750	NA	1 <u>,</u> 100	NA	65.10	35.40	29.70	1.0/3.2						
MW-6	04/09/2004	20,000	NA	590	1,700	1,200	3,300	NA	2,400	NA	65.10	33.70	31.40	2.1/3.3						
MW-6	07/13/2004	1,700	_ NA	24	<10	58	84	NA	1,600	<40	<40	<40	320	NA	NA	<1,000	65.10	36.42	28.68	1.11/0.93
MW-6	11/05/2004	24,000	NA	310	33	650	1,900	NA	2,000	NA	NA -	NA	NA	NA	NA	NA	65.10	37.64	27.46	3.0/1.2

		1						MTBE	MTBE					1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	Т	E	Х	8020	8260	DIPE	ETBE	TAME	TBA	DCA	EDB	Ethanol	TOC	Water	Elevation	Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)_	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
·																	,			·
MW-6	01/10/2005	17,000	NA	120	6.4	270	590	NA	520	NA	NA	NA	NA	NA	NA	NA	65.10	34.77	30.33	0.2/0.1
MW-6	04/11/2005	12,000	NA	290	300	650	1,100	NA	1,400	NA	NA	NA	NA	NA	NA	NA	65.10	31.19	33.91	0.10/0.14
MW-6	07/12/2005	21,000	NA	440	660	1,400	2,600	NA	2,700	<50	<50	<50_	1,500	NA	NA	<1,300	65.10	32.85	32.25	1.6/1.7
MW-6	10/21/2005	9,000	NA	260	28	500	420	NA	1,500	NA	NA	NA	NA	NA	NA	NA	65.10	35.85	29.25	0.2/0.3
MW-6	01/09/2006	400	NA	10	1,2	6.6	7.5	NA	110 m	NA	NA	NA	NA	NA	NA	NA	65.10	32.18	32.92	0.2/0.3
MW-6	04/17/2006	Unable to	sample	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.10	27.09	38.01	NA
MW-6	05/02/2006	7,400	NA	101	57.5	156	276	NA	596	NA	NA	NA	NA	NA	NA .	NA	65.10	26.98	38.12	0.26/0.31
																			·	
MW-7*	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	65.83	33.03	32.80	1.4
MW-7	06/04/1999	<50.0	NA	0.663	<0.500	0.677	<0.500	11.7	NA	NA	NA	NA	NA	NA	NA	NA	65.83	33.03	32.80	1.4
MW-7	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA .	NA	NA	NA	NA	NA	NA NA	65.83	33.09	32.74	2.7/2.4
MW-7	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA.	NA	NA	NA	NA	65.83	37.68	28.15	2.7/2.4
MW-7	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA_	NA	NA	NA	NA NA	65.83	37.87	27.96	2.8/2.6
MW-7	04/05/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA NA	65.83	30.30	35.53	2.8/3.1
MW-7	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA_	NA	NA.	NA	NA	NA_	NA	65.83	33.92	31.91	0.9/0.7
MW-7	10/19/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	36.51	29.32	1.5/1.8
MW-7	01/15/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA NA	65.83	36.73	29.10	4.7/4.3
MW-7	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	34.25	31.58	4.2/2.2
MW-7	07/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	<u>N</u> A	NA	NA	NA	NA	65.83	36.88	28.95	1.8/1.7
MW-7	10/24/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	38.45	27.38	1.4/1.5
MW-7	01/03/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA_	NA	NA.	NA	NA	NA	NA	65.83	34.52	31.31	1.2/1.8
MW-7	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA.	NA	NA .	NA NA	65.83	34.51	31.32	1.7/1.4
MW-7	07/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA_	65.83	35.77	30.06	4.5/2.5
MW-7	10/28/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA_	NA	NA	NA	NA	NA NA	65.84	37.70	28.14	0.4/0.8
MW-7	01/07/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA NA	NA	NA.	NA	NA NA	65.84	33.76	32.08	2.24/1.9
MW-7	04/14/2003	80	NA	2.2	1.1	3.0	9.0	NA	21	NA	NA	NA	NA	NA	NA	NA NA	65.84	34.99	30.85	2.7/1.9
MW-7	07/01/2003	<50	NA NA	<0.50	0.75	<0.50	1.1	NA	0.77	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	65.84	34.79	31.05	0.7/0.9
MW-7	10/08/2003	<50	NA_	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA_	NA	NA.	NA	NA	NA	NA	65.84	38.37	27.47	1.7/1.8
MW-7	01/15/2004	<50	NA .	3.3	1.2	2.7	4.2	NA	18	NA	NA	NA.	NA	NA	NA	NA	65.84	35.64	30.20	2.5/3.6
MW-7	04/09/2004	<50	NA	<0.50	<0.50	0.56	<1.0	NA	<0.50	NA	NA	NA	NA	NA.	NA	NA NA	65.84	34.56	31.28	2.0/1.6
MW-7	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA .	NA	NA	NA	NA	NA NA	65.84	37.30	28.54	0.71/1.10
MW-7	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA NA	65.84	38.50	27.34	3.2/3.4
MW-7	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	35.64	30.20	0.8/0.3

			Ī					MTBE	MTBE					1,2-	ĺ			Depth to	GW	DÓ
Well ID	Date	TPPH	TEPH	В	Т	E	x	8020	8260	DIPE	ETBE	TAME	TBA	DCA	EDB	Ethanol	тос	Water	Elevation	Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)
	<u> </u>						·													· ·: ·· · · · · · · · · · · · · · · ·
MW-7	04/11/2005	<50 I	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NΑ	65.84	31.41	34.43	2.00/1.38
MW-7	07/12/2005	51 k	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NΑ	NA	NA	65.84	33.78	32.06	2.7/3.2
MW-7	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	65.84	36.92	28.92	2.3/2.3						
MW-7	01/09/2006	<50	NA	<0.50	<0.50	<0.50	0.56	NA	<0.50	NA	65.84	33.04	32.80	0.2/1.4						
MW-7	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	65.84	28.00	37.84	3.11/3.69						
MW-8*	06/04/1999	<50	NA	<0.500	<0.500	<0.500	<0.500	452	NA	NA	NA	NA	NA	NΑ	NA	NA	65.07	32.19	32.88	2.1
MW-8	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	186	NA	65.07	32.19	32.88	1.8							
8-WM	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	286	443	NA	65.07	32.14	32.93	2.9/2.7						
8-WM	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	65.07	36.75	28.32	2.9/2.7							
MW-8	01/07/2000	<50.0	NA.	<0.500	<0.500	<0.500	<0.500	255	NA	NA .	65.07	37.15	27.92	1.8/2.0						
MW-8	04/05/2000	<50.0 e	NA	<0.500 e	<0.500 e	<0.500 e	<0.500 e	247 е	NA	65.07	29.45	35.62	2.1/2.5							
MW-8	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	123	NA	65.07	33.13	31.94	0.5/0.5							
MW-8	10/19/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	123	NA	65.07	35.72	29.35	1.2/1.8							
MW-8	01/15/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	173	NA	NA	ŅA	NA	NA	NA	NA	NA	65.07	36.00	29.07	0.5/1.0
MW-8	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	120	NA	65.07	33.48	31.59	1.4/1.0						
MW-8	07/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	NA	NA	NA	NA	NA	NA	NA NA	65.07	36.12	28.95	1.0/1.2
MW-8	10/24/2001	<100	NA	<1.0	<1.0	<1.0	<1.0	NA	360	NA	65.07	37.73	27.34	1.4/0.5						
MW-8	01/03/2002	290	NA	<0.50	<0.50	<0.50	<0.50	NA	18	NA	65.07	35.37	29.70	1.2/1.1						
MW-8	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	100	NA	65.07	35.40	29.67	1.2/1.3						
8-WM	07/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	230	NA	65.07	35.05	30.02	0.3/0.4						
MW-8	10/28/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	NA	65.08	37.25	27.83	1.1/1.2						
MW-8	01/07/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	97	NA	NA	NA	NA	NA	NA	NA NA	65.08	33.01	32.07	1.4/1.7
MW-8	04/14/2003	<50	NA	<0.50	<0.50	<0.50	1.1	NA NA	130	NA	65.08	34.29	30.79	2.5/0.9						
MW-8	07/01/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	430	<10	<10	<10	<25	<2.5	<2.5	<250	65.08	34.04	31.04	0.6/0.8
8-WM	10/08/2003	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	240	NA	65.08	37.58	27.50	0.6/0.7						
MW-8	01/15/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	78	NA	65.08	35.00	30.08	1.3/2.0						
MW-8	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	82	NA	65.08	33.68	31.40	1.7/2.4						
MW-8	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	120	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	65.08	36.75	28.33	2.18/1.74
MW-8	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	91	NA	65.08	37.78	27.30	1.8/2.5						
MW-8	01/10/2005	54 k	NA	<0.50	<0.50	<0.50	<1.0	NA	76	NA	65.08	35.15	29.93	0.1/0.2						
MW-8	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA_	28	NA	NA	NA	NA .	NA	NA	NA NA	65.08	30.57	34.51	0.41/0.18
MW-8	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	36	<2.0	<2.0	<2.0	6.6	NA	NA	<50	65.08	32.94	32.14	1.4/2.2

								MTBE	MTBE					1,2-			1	Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	т	E	X	8020	8260	DIPE	ETBE	TAME	TBA	DCA	EDB	Ethanol	TOC	Water	Elevation	Reading
		(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)														
,																				
MW-8	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	31	NA	65.08	36.16	28.92	0.4/0.5						
MW-8	01/09/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	2.3	NA	65.08	32.53	32.55	0.5/0.7						
MW-8	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	17.6	NA	65.08	27.48	37.60	2.65/3.31						
MW-9	03/15/2004	. NA	NA	NA	NA	NA	NA	NA	NA	NA	NA.	NA	NA	NA	NA	NA	65.55	34.05	31.50	NA
MW-9	04/09/2004	16,000	NA	460	330	980	3,000	. NA	900	NA	65.55	34.02	31.53	1.6/1.4						
MW-9	07/13/2004	9,600	NA	190	91	640	1,500	NA	810	<40	<40	<40	340	NA	NA	<1,000	65.55	36.90	28.65	0.77/0.80
MW-9	11/05/2004	6,300	NA	130	24	470	840	NA	450	NA	NA.	NA	NA	NA	NA	NA	65.55	38.05	27.50	9.1/8.2
MW-9	01/10/2005	6,100	NA	130	80	450	1,000	NA_	280	NA	NA	NA	NA	NA	NA :	NA	65.55	35.42	30.13	1.67/0.29
MW-9	04/11/2005	1,100	NA	40	21	99	220	NA	120	NA	65.55	31.71	33.84	0.90/0.33						
MW-9	07/12/2005	2,200	NA	56	19	180	350	NA	290	<4.0	<4.0	<4.0	210	NA	NA.	<100	65.55	33.32	32.23	1.0/2.7
MW-9	10/21/2005	8,300	NA	190	59	610	1,100	NA	930	NA	65.55	36.50	29.05	0.4/0.3						
MW-9	01/09/2006	6,100	NA	170	100	460	950	NA	560	NA	65.55	32.75	32.80	0.8/0.4						
MW-9	04/17/2006	<50.0	NA	5.89	4.25	17.4	38.1	NA	15.8	NA	NA	NA	NA	NA	NA I	NA	65.55	28.06	37.49	1.30/2.72
							,						,							
MW-10	03/15/2004	NA	NA	NA	NA	NA	NA	NA.	NA	NA	NA	NA	NA	NΑ	NA	NA	64.36	32.74	31.62	NA
MW-10	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	17	NA	NA	NA	NA	NA.	NA	NA	64.36	33.20	31.16	1.6/1.0
MW-10	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	130	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	64.36	36.05	28.31	1.95/2.04
MW-10	11/05/2004	140 k	NA	<0.50	<0.50	<0.50	<1.0	NA NA	55	NA	NA	NΑ	NA	NA	NA	NA	64.36	37.16	27.20	2.8/3.4
MW-10	01/10/2005	60 k	NA	<0.50	<0.50	<0.50	<1.0	NA	22	NA	NA	NA	NA	NA	NA	NA NA	64.36	34.48	29.88	0.3/0.2
MW-10	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	40	NA	NA	NA	ŅΑ	NA	NA	NA	64.36	30.01	34.35	0.06/0.04
MW-10	07/12/2005	51 k	NA	<0.50	<0.50	<0.50	<1.0	NA	31	<2.0	<2.0	<2.0	290	NA	NA	<50	64.36	32.40	31.96	1.9/1.9
MW-10	10/21/2005	63 k	NA	<0.50	<0.50	<0.50	<1.0	NA	7.2	NA	64.36	35.54	28.82	0.3/0.5						
MW-10	01/09/2006	69	NA	<0.50	<0.50	<0.50	<0.50	. NA	9.0	NA	64.36	31.90	32.46	0.2/0.2						
MW-10	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	31.6	NA	64.36	26.82	37.54	0.68/1.26						
					r									-					<del>,</del>	,
MW-11	03/15/2004	NA	_NA	NA	NA	NA	NA	63.54	32.05	31.49	NA									
MW-11	04/09/2004	<50	NA	<0.50	0.64	1.6	3.8	NA_	<0.50	NA	63.54	32.51	31.03	2.3/4.3						
MW-11	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	63.54	32.79	30.75	1.73/2.10
MW-11	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA NA	63.54	36.44	27.10	4.8/6.2
MW-11	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NΑ	NA	NA	NA.	NA	NA	63.54	33.70	29.84	3.2/3.4
MW-11	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	63.54	29.48	34.06	0.24/0.19						
MW-11	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	63.54	31.72	31.82	3.9/5.2

								MTBE	MTBE					1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	T	E	Х	8020	8260	DIPE	ETBE	TAME	TBA	DCA	EDB	Ethanol	TOC	Water	Elevation	Reading
		(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)														
														•						
MW-11	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	63.54	35.00	28.54	1.1/3.8						
MW-11	01/09/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	63.54	31.18	32.36	2.6/3.8						
MW-11	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	63.54	26.16	37.38	4.15/5.06						
MW-12	03/15/2004	NA	65.58	33.97	31.61	NA														
MW-12	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NΑ	NA	65.58	34.60	30.98	3.4/5.7
MW-12	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	65.58	37.15	28.43	2.13/2.57
MW-12	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA_	NA	65.58	38.39	27.19	5.4/6.3
MW-12	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	65.58	35.54	30.04	5.6/4.5						
MW-12	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	65.58	31.36	34.22	0.26/0.31						
MW-12	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	65.58	33.68	31.90	4.8/5.3
MW-12	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	65.58	36.81	28.77	3.5/4.5						
MW-12	01/09/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NΑ	NA	65.58	33.02	32.56	1.5/4.0
MW-12	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	65.58	28.06	37.52	6.09/5.41						
IW-1	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA.	NA	NA	NA						
IW-1	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA	NA	NA	NA						
IW-1	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA							
IW-1	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA							
IW-1	04/05/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	27.85	NA	NA							
IW-1	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA							
IW-1	10/19/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	1.7/1.8							
IW-1	01/15/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	34.35	NA	1.0/1.2							
IW-1	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	31.74	NA	1.4/3.8						
IW-1	07/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	34.38	NA	3.0/4.0						
IW-1	10/24/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	36.28	NA	5.8/7.0						
IW-1	01/03/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA .	<5.0	NA	NA	31.96	NA	3.1/3.1						
IW-1	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	ΝA	NA	NA	NA	NA	32.00	NA	2.8/2.9
IW-1	07/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	33.22	NA	4.6/4.6						
W-1	10/28/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	35.55	NA	1.7/1.9						
IW-1	01/07/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA .	NA	NA	. NA	NA	31.20 h	NA	1.4./1.0
IW-1	04/14/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	32.35	NA	3.9/4.3						
IW-1	07/01/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.64	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	NA	33.03	NA	3.7/4.9

Well ID	Date	TPPH	TEPH	B	T (ug/L)	E	X	MTBE 8020	MTBE 8260	DIPE	ETBE	TAME	TBA	1,2- DCA	EDB	Ethanol	TOC (MSL)	Depth to Water	GW Elevation (MSL)	DO Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(IVISE)	(ft.)	(IVIOL)	(ppm)
IW-1	10/08/2003	<50	NA	1.1	<0.50	3.5	5.7	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	35.75	NA	3.8/4.8
IW-1	01/15/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	i	NA	4.0/6.0
IW-1	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	32.04	NA	4.0/5.1
IW-1	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	NA	35.21	NA	5.21/5.72
IW-1	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	35.96	NA	5.3/5.9
IW-1	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	33.08	NA	4.8/3.7
IW-1	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	32.03	NA	3.76/3.14
IW-1	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	NA	31.32	NA	5.3/5.8
IW-1	10/21/2005	<50	, NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.12	34.49	28.63	4.5/5.1
IW-1	01/09/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.12	30.55	32.57	5.6/5.1
IW-1	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA .	NA	NA	NA	NA	NA	63.12	25.58	37.54	5.00/5.17

								MTBE	MTBE					1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	Т	Е	Х	8020	8260	DIPE	ETBE	TAME	TBA	DÇA	EDB	Ethanol	TOC	Water	Elevation	Reading
		(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)														

#### Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to April 30, 2001, analyzed by EPA Method 8015.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to April 30, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

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

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

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

TBA = Tertiary butyl alcohol or Tertiary butanol, analyzed by EPA Method 8260B.

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

EDB = Ethylene Dibromide, analyzed by EPA Method 8260B.

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

n/n = Pre-purge/post-purge DO reading.

NA = Not applicable

								MTBE	MTBE					1,2-				Depth to	GW	DO
Well ID	Date	TPPH	TEPH	В	T	E	X	8020	8260	DIPE	ETBE	TAME	TBA	DCA	EDB	Ethanol	TOC	Water	Elevation	Reading
		(ug/L)	(MSL)	(ft.)	(MSL)	(ppm)														

#### Notes:

- a = Chromatogram pattern indicated an unidentified hydrocarbon.
- b = Equipment blank contained 80 ug/L TPH-G, 1.2 ug/L benzene, 17 ug/L toluene, 3.2 ug/L ethylbenzene, 16 ug/L xylenes, and 15 ug/L MTBE.
- c = Sample was analyzed outside the EPA recommended holding time.
- d = DO Reading not taken.
- e = Result was generated out of hold time.
- f = Stinger broke off in well; removed on subsequent return trip.
- g = Unable to complete sample due to equipment failure.
- h = Depth to water at five minutes purge time.
- i = Unable to gauge; sounder will not fit down access port.
- k = Quantity of unknown hydrocarbons in sample based on gasoline.
- I = The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
- m = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
- \* = Pre-purge samples.

Ethanol analyzed by EPA Method 8260B.

TOC elevation of wells MW-1, MW-2, and MW-3 resurveyed March 29, 1994.

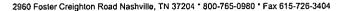
Site surveyed on June 21, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed on March 14, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-9, MW-10, MW-11, and MW-12 surveyed on February 24, 2004 by Virgil Chavez Land Surveying of Vallejo, CA.

Well "Irrigation Well" surveyed on October 25, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

Well "IW-1" previously named "Irrigation Well."





May 15, 2006

Client:

Cambria Env. Tech. (Emeryville) / SHELL (13675)

5900 Hollis Street, Suite A

Emeryville, CA 94608

Attn:

Anni Kreml

Work Order:

NPE0775

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Nbr:

SAP 136017

P/O Nbr:

98996067

Date Received:

05/05/06

SAMPLE IDENTIFICATION

LAB NUMBER

COLLECTION DATE AND TIME

MW-6

NPE0775-01

05/02/06 13:20

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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California Certification Number: 01168CA

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Jim Hatfield

Project Management



5900 Hollis Street, Suite A

Emcryville, CA 94608

Attn Anni Kreml

Work Order:

NPE0775

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Number:

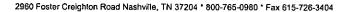
SAP 136017

Received:

05/05/06 07:50

#### ANALYTICAL REPORT

Analysta	<b>75.</b> 14	731	TT *4	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Analyte	Result	Flag	Units	WINL	ractor		· · · · · · ·	Daten
Sample ID: NPE0775-01 (MW-6 -	Water) Sampl	led: 05/02/	06 13:20					
Selected Volatile Organic Compounds	by EPA Method	8260B						
Benzene	101		ug/L	0.500	1	05/13/06 08:02	SW846 8260B	6052789
Ethylbenzene	156		ug/L	0.500	1	05/13/06 08:02	SW846 8260B	6052789
Methyl tert-Butyl Ether	596		ug/L	5.00	10	05/13/06 22:17	SW846 8260B	6051069
Tolucne	57.5		ug/L	0.500	1	05/13/06 08:02	SW846 8260B	6052789
Xylenes, total	276		ug/L	0.500	1	05/13/06 08:02	SW846 8260B	6052789
Surr: 1,2-Dichloroethane-d4 (70-130%)	116 %					05/13/06 08:02	SW846 8260B	6052789
Surr: 1,2-Dichloroethane-d4 (70-130%)	121 %					05/13/06 22:17	SW846 8260B	6051069
Surr: Dibromofluoromethane (79-122%)	108 %					05/13/06 08:02	SW846 8260B	6052789
Surr: Dibromofluoromethane (79-122%)	109 %					05/13/06 22:17	SW846 8260B	6051069
Surr: Toluene-d8 (78-121%)	116 %					05/13/06 08:02	SW846 8260B	6052789
Surr: Toluene-d8 (78-121%)	120 %					05/13/06 22:17	SW846 8260B	6051069
Surr: 4-Bromofluorobenzene (78-126%)	94 %					05/13/06 08:02	SW846 8260B	6052789
Surr: 4-Bromofluorobenzene (78-126%)	95 %					05/13/06 22:17	SW846 8260B	6051069
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	7400		ug/L	50.0	1	05/13/06 08:02	CA LUFT GC/MS	6052789





5900 Hollis Street, Suite A

Emeryville, CA 94608

Anni Kreml

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Project Number:

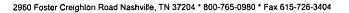
SAP 136017

Received:

05/05/06 07:50

### PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compou	nds by EPA Method	8260B				
6051069-BLK1	•					
Benzene	< 0.200		ug/L	6051069	6051069-BLK1	05/13/06 20:03
Ethylbenzene	<0.200		ug/L	6051069	6051069-BLK1	05/13/06 20:03
Methyl tert-Butyl Ether	<0,200		ug/L	6051069	6051069-BLK1	05/13/06 20:03
Toluene	<0,200		ug/L	6051069	6051069-BLK1	05/13/06 20:03
Xylenes, total	<0.350		ug/L	6051069	6051069-BLK1	05/13/06 20:03
Surrogate: 1,2-Dichloroethane-d4	120%			6051069	6051069-BLK1	05/13/06 20:03
Surrogate: Dibromofluoromethane	107%			6051069	6051069-BLK1	05/13/06 20:03
Surrogate: Toluene-d8	118%			6051069	6051069-BLK1	05/13/06 20:03
Surrogate: 4-Bromofluorobenzene	96%			6051069	6051069-BLK1	05/13/06 20:03
6052789-BLK1						
Веплепе	<0.200		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Ethylbenzene	<0.200		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Methyl tert-Butyl Ether	<0.200		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Toluene	< 0.200		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Xylenes, total	< 0.350		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Surrogate: 1,2-Dichloroethane-d4	120%			6052789	6052789-BLK1	05/13/06 06:56
Surrogate: Dibromofluoromethane	109%			6052789	6052789-BLK1	05/13/06 06:56
Surrogate: Toluene-d8	113%			6052789	6052789-BLK1	05/13/06 06:56
Surrogate: 4-Bromofluorobenzene	96%			6052789	6052789-BLK1	05/13/06 06:56
Purgeable Petroleum Hydrocarbor	18					
6052789-BLK1						
Gasoline Range Organics	<50.0		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Surrogate: 1,2-Dichloroethane-d4	120%			6052789	6052789-BLK1	05/13/06 06:56
Surrogate: Dibromofluoromethane	109%			6052789	6052789-BLK1	05/13/06 06:56
Surrogate: Toluene-d8	113%			6052789	6052789-BLK1	05/13/06 06:56
Surrogate: 4-Bromofluorobenzene	96%			6052789	6052789-BLK1	05/13/06 06:56





5900 Hollis Street, Suite A

Emeryville, CA 94608

Anni Kreml

Attn

Work Order:

NPE0775

Project Name:

1285 Bancroft Avc., San Leandro, CA

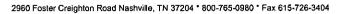
Project Number: Received: SAP 136017

05/05/06 07:50

### PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compou	nds by EPA Method 82	60B						
6051069-BS1								
Benzene	50.0	44.4		ug/L	89%	79 - 123	6051069	05/13/06 18:5
Ethylbenzene	50.0	55.2		ug/L	110%	79 - 125	6051069	05/13/06 18:5
Methyl tert-Butyl Ether	50.0	44.4		ug/L	89%	66 - 142	6051069	05/13/06 18:5
Toluene	50.0	56.1		ug/L	112%	78 - 122	6051069	05/13/06 18:5
Xylenes, total	150	171		ug∕L	114%	79 - 130	6051069	05/13/06 18:5
Surrogate: 1,2-Dichloroethane-d4	50.0	61.1			122%	70 - 130	6051069	05/13/06 18:5
Surrogate: Dibromofluoromethane	50.0	51.6			103%	79 - 122	6051069	05/13/06 18:5
Surrogate: Toluene-d8	50.0	59.6			119%	78 - 121	6051069	05/13/06 18:5
Surrogate: 4-Bromofluorobenzene	50.0	48.7			97%	78 - 126	6051069	05/13/06 18:5
6052789-BS1								
Benzene	50.0	43.4		ug/L	87%	79 - 123	6052789	05/13/06 05:4
Ethylbenzene	50.0	51.3		ug/L	103%	79 - 125	6052789	05/13/06 05:4
Methyl tert-Butyl Ether	50.0	41.0		ug/L	82%	66 - 142	6052789	05/13/06 05:4
Toluene	50.0	51.8		ug/L	104%	78 - 122	6052789	05/13/06 05:4
Xylenes, total	150	160		ug/L	107%	79 - 130	6052789	05/13/06 05:4
Surrogate: 1,2-Dichloroethane-d4	50. <b>0</b>	58.0			116%	70 - 130	6052789	05/13/06 05:4
Surrogate: Dibromofluoromethane	50.0	51.8			104%	79 - 122	6052789	05/13/06 05:4
Surrogate: Toluene-d8	50.0	57.9			116%	78 - 121	6052789	05/13/06 05:4
Surrogate: 4-Bromofluorobenzene	50.0	47.3			95%	78 - 126	6052789	05/13/06 05:4
Purgeable Petroleum Hydrocarbor	18							
6052789-BS1								
Gasoline Range Organics	3050	2850		ug/L	93%	67 - 130	6052789	05/13/06 05:4
Surrogate: 1,2-Dichloroethane-d4	50.0	58.0			116%	70 - 130	6052789	05/13/06 05:4
Surrogate: Dibromofluoromethane	50.0	51.8			104%	70 - 130	6052789	05/13/06 05:4
Surrogate: Toluene-d8	50.0	57.9			116%	70 - 130	6052789	05/13/06 05:4
Surrogate: 4-Bromofluorobenzene	50.0	47.3			95%	70 - 130	6052789	05/13/06 05:4





5900 Hollis Street, Suite A

Emeryville, CA 94608

Anni Kreml

Attn

Work Order:

NPE0775

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Number:

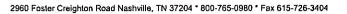
SAP 136017

Received:

05/05/06 07:50

### PROJECT QUALITY CONTROL DATA Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compo	unds by EPA Me	thod 8260B								
6051069-MS1										
Benzene	ND	47.1		ug/L	50.0	94%	71 - 137	6051069	NPE0530-10	05/14/06 06:03
Ethylbenzene	ND	58.4		ug/L	50,0	117%	72 - 139	6051069	NPE0530-10	05/14/06 06:03
Methyl tert-Butyl Ether	ND	42.2		ug/L	50.0	84%	55 - 152	6051069	NPE0530-10	05/14/06 06:03
Toluene	ND	58.6		ug/L	50.0	117%	73 - 133	6051069	NPE0530-10	05/14/06 06:03
Xylenes, total	ND	179		ug/L	150	119%	70 - 143	6051069	NPE0530-10	05/14/06 06:03
Surrogate: 1,2-Dichloroethane-d4		61.9		ug/L	50.0	124%	70 - 130	6051069	NPE0530-10	05/14/06 06:03
Surrogate: Dibromofluoromethane		54.5		ug/L	50.0	109%	79 - 122	6051069	NPE0530-10	05/14/06 06:03
Surrogate: Toluenc-d8		60.8	Z10	ug/L	50.0	122%	78 - 121	6051069	NPE0530-10	05/14/06 06:03
Surrogate: 4-Bromofluorobenzene		46.6		ug/L	50.0	93%	78 - 126	6051069	NPE0530-10	05/14/06 06:03
6052789-MS1										
Benzene	ND	51.3		ug/L	50.0	103%	71 - 137	6052789	NPE0916-06	05/13/06 17:15
Ethylbenzene	ND	64.2		ug/L	50.0	128%	72 - 139	6052789	NPE0916-06	05/13/06 17:15
Methyl tert-Butyl Ether	ND	47.2		ug/L	50.0	94%	55 - 152	6052789	NPE0916-06	05/13/06 17:15
Toluene	1.38	69.0	M7	ug/L	50.0	135%	73 - 133	6052789	NPE0916-06	05/13/06 17:15
Xylenes, total	ND	198		ug/L	150	132%	70 - 143	6052789	NPE0916-06	05/13/06 17:15
Surrogate: 1,2-Dichloroethane-d4		60.4		ug/L	50.0	121%	70 - 130	6052789	NPE0916-06	05/13/06 17:15
Surrogate: Dibromofluoromethane		54.7		ug/L	50.0	109%	79 - 122	6052789	NPE0916-06	05/13/06 17:15
Surrogate: Toluene-d8		60.5		ug/L	50.0	121%	78 - 121	6052789	NPE0916-06	05/13/06 17:15
Surrogate: 4-Bromofluorobenzene		49.1		ug/L	50.0	98%	78 - 126	6052789	NPE0916-06	05/13/06 17:15
Purgeable Petroleum Hydrocarbo	ons									
6052789-MS1										
Gasoline Range Organics	ND	2900		ug/L	3050	95%	60 - 140	6052789	NPE0916-06	05/13/06 17:15
Surrogate: 1,2-Dichloroethane-d4		60.4		ug/L	50.0	121%	0 - 200	6052789	NPE <b>0</b> 916-06	05/13/06 17:15
Surrogate: Dibromofluoromethane		54.7		ug/L	50.0	109%	0 - 200	6052789	NPE0916-06	05/13/06 17:15
Surrogate: Toluene-d8		60.5		ug/L	50.0	121%	0 - 200	6052789	NPE0916-06	05/13/06 17:15
Surrogate: 4-Bromofluorobenzene		49.1		ug/L	50.0	98%	0 - 200	6052789	NPE0916-06	05/13/06 17:15





5900 Hollis Street, Suite A

Emeryville, CA 94608

Anni Kreml

Attn

Work Order:

NPE0775

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Number: Received: SAP 136017 05/05/06 07:50

## PROJECT QUALITY CONTROL DATA Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compo	unds by EPA	Method 826	60B									
6051069-MSD1												
Benzene	ND	46.8		ug/L	50.0	94%	71 - 137	0.6	23	6051069	NPE0530-10	05/14/06 06:25
Ethylbenzene	ND	58.6		ug/L	50.0	117%	72 - 139	0.3	23	6051069	NPE0530-10	05/14/06 06:25
Methyl tert-Butyl Ether	ND	44.4		ug/L	50.0	89%	55 - 152	5	27	6051069	NPE0530-10	05/14/06 06:25
Toluene	ND	58.9		ug/L	50.0	118%	73 - 133	0.5	25	6051069	NPE0530-10	05/14/06 06:25
Xylenes, total	ND	182		ug/L	(50	121%	70 - 143	2	27	6051069	NPE0530-10	05/14/06 06:25
Surrogate: 1,2-Dichloroethane-d4		63.2		ug/L	50.0	126%	70 - 130			6051069	NPE0530-10	05/14/06 06:25
Surrogate: Dibromofluoromethane		53.4		ug/L	50.0	107%	79 - 122			6051069	NPE0530-10	05/14/06 06:25
Surrogate: Toluene-d8		60.5		ug/L	50.0	121%	78 - 12 <b>l</b>			6051069	NPE0530-10	05/14/06 06:25
Surrogate: 4-Bromofluorobenzene		47.0		ug/L	50.0	94%	78 - 126			6051069	NPE0530-10	05/14/06 06:25
6052789-MSD1												
Benzene	ND	52.2		ug/L	50.0	104%	71 - 137	2	23	6052789	NPE0916-06	05/13/06 17:38
Ethylbenzene	ND	62.5		ug/L	50.0	125%	72 - 139	3	23	6052789	NPE0916-06	05/13/06 17:38
Methyl tert-Butyl Ether	ND	46.5		ug/L	50.0	93%	55 - 152	ı	27	6052789	NPE0916-06	05/13/06 17:38
Toluene	1.38	66.0		ug/L	50.0	129%	73 - 133	4	25	6052789	NPE0916-06	05/13/06 17:38
Xylenes, total	ND	196		ug/L	150	131%	70 - 143	i	27	6052789	NPE0916-06	05/13/06 17:38
Surrogate: 1,2-Dichloroethane-d4		62.5		ug/L	50.0	125%	70 - 130			6052789	NPE0916-06	05/13/06 17:38
Surrogate: Dibromofluoromethane		53.6		ug/L	50.0	107%	79 - 122			6052789	NPE0916-06	05/13/06 17:38
Surrogate: Toluene-d8		59.9		ug/L	50.0	120%	78 - 12I			6052789	NPE0916-06	05/13/06 17:38
Surrogate: 4-Bromofluorobenzene		47.3		ug/L	50.0	95%	78 - 126			6052789	NPE0916-06	05/13/06 17:38
Purgeable Petroleum Hydrocarb	ons											
6052789-MSD1												
Gasoline Range Organics	ND	2950		ug/L	3050	97%	60 - 140	2	40	6052789	NPE0916-06	05/13/06 17:38
Surrogate: 1,2-Dichloroethane-d4		62.5		ug/L	50.0	125%	0 - 200			6052789	NPE0916-06	05/13/06 17:38
Surrogate: Dibromofluoromethane		53.6		ug/L	\$0.0	107%	0 - 200			6052789	NPE0916-06	05/13/06 17:38
Surrogate: Toluene-d8		59.9		ug/L	50.0	120%	0 - 200			6052789	NPE0916-06	05/13/06 17:38
Surrogate: 4-Bromofluorobenzene		47.3		ug/L	50.0	95%	<b>0</b> - 200			6052789	NPE0916-06	05/13/06 17:38



2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)

5900 Hollis Street, Suite A

Emeryville, CA 94608

Attn Anni Kreml

Work Order:

NPE0775

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Number:

SAP 136017

Received:

05/05/06 07:50

#### **CERTIFICATION SUMMARY**

#### TestAmerica Analytical - Nashville

Method	Matrix	AIHA Nelac California
CA LUFT GC/MS NA	Water Water	x
SW846 8260B	Water	N/A X X



2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Cambria Env. Tech. (Emeryville) / SHELL (13675) Client

> 5900 Hollis Street, Suite A Emcryville, CA 94608

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1285 Bancroft Ave., San Leandro, CA

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SAP 136017

Received:

05/05/06 07:50

#### **NELAC CERTIFICATION SUMMARY**

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method

Attn

CA LUFT GC/MS

<u>Matrix</u> Water

**Analyte** 

Gasoline Range Organics



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Cambria Env. Tech. (Emeryville) / SHELL (13675) Client

5900 Hollis Street, Suite A

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Work Order:

NPE0775

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Number:

SAP 136017

Received:

05/05/06 07:50

#### DATA QUALIFIERS AND DEFINITIONS

**M7** 

Attn

The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

Z10

Surrogate outside laboratory historical limits but within method guidelines. No effect on data.

#### METHOD MODIFICATION NOTES







NPE0775

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4. V	Vere the	seals in	tact, signo	ed, and dat	ted correct	ily?				Ø8NO	.NA
5. V	Vere cust	ody par	ers insid	e cooler?		••••••••				YESNOZ.	
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b	. Was ti	here any	observa	ble head s	pace prese	nt in any	VOA yla	1?	\$2459918691449495119444J <b>Q</b> \$669	YES. (NON	
cert	<u>fy that I</u>	unloade	d the coo	ler and an	swered qu	estlons 6-	12 (Intia	<u>)</u>	***************************************		· ·
З. а.	On pre	scrved l	bottles dl	d the pH to	est strips s	uggest the	at preser	vation reached	the correct pH leve	I? YESNO√.	ÑÅ,
b	. Did the	bottle l	labels ind	icate that	the correc	t preserva	itives we	re used	**********	ESNON	Ā
	If pr	eservat	ion in-ho	use was ne	eded, reco	rd standa	rd ID of	preservative u	sed here	····	
14. V	Vas resid	ual chlo	rine pres	ent?	**********	•••••••		****************		YESNO.	A
certl	fy that I	checked	for chlor	rine and pl	H as per S	OP and a	nswered	questions 13-1	4 (intial)	- JN	, 
5. Y	Vere cust	ody pap	ers prop	crly filled	out (ink, s	igned, etc	)?		······	AESNON	<b>(A</b>
6. I	Did you si	gn the c	ustody p	apers in th	е арргорг	iate place	?	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	****************	Øsnon	(A
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9. We		Non-Co	nforman	ce issues a		~		PIPE generate		NO #	

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Field Sample Identification	SAMPLING DATE TIME	MATRIX	NO. OF CONT.	TPH-0	TPH - Diesel, Extractable (8016m)	BTEX (8260B)	O Xygenates (6260B) (MTBE, TBA, OIPE, TAM	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	ETBE (8260B)	1,2 DCA (8280B)	EDB (8260B)	Ethanol (8280B)	Methanol (8016M)						ΤE	MPERATURE ON RECEIPT C°
MW-6	5/2/6/320	W	3	V		<u>v</u>	7	<del>-3+</del> -	<del></del>	= 0-	_	+=	<del>  "</del>	Ш_	2		╁	╁	-		+	<del></del>
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May 01, 2006

Client: Cambria Env. Tech. (Emeryville) / SHELL (13675)

5900 Hollis Street, Suite A

Emeryville, CA 94608

Attn: Anni Kreml

Work Order: NPD2481

Project Name: 12

ne: 1285 Bancroft Ave., San Leandro, CA

Project Nbr: P/O Nbr: Date Received: SAP 136017 98996067 04/20/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPD2481-01	04/17/06 13:50
MW-2	NPD2481-02	04/17/06 15:10
MW-3	NPD2481-03	04/17/06 15:40
MW-4	NPD2481-04	04/17/06 14:20
MW-5	NPD2481-05	04/17/06 16:30
MW-7	NPD2481-06	04/17/06 12:25
MW-8	NPD2481-07	04/17/06 13:15
MW-9	NPD2481-08	04/17/06 16:05
MW-10	NPD2481-09	04/17/06 10:10
MW-11	NPD2481-10	04/17/06 10:55
MW-12	NPD2481-11	04/17/06 11:55
1W-1	NPD2481-12	04/17/06 11:25

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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California Certification Number: 01168CA

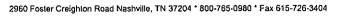
The Chain(s) of Custody, 5 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Jim Hatfield

Project Management





\_\_\_\_\_

5900 Hollis Street, Suite A

Emcryville, CA 94608

Anni Kreml

Client

Attn

Work Order:

NPD2481

Project Name:

1285 Bancroft Ave., San Leandro, CA

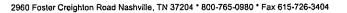
Project Number:

SAP 136017

Received:

ABTAT	VTIC.	AΥ.	DEDA	DT

Analyte	Result Fl:	ng Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2481-01 (MW-1 - V	Water) Sampled: (	4/17/06 13:50					
Selected Volatile Organic Compounds b	y EPA Method 82601	3					
Benzenc	ND	ug/L	0.500	1	04/22/06 14:59	SW846 8260B	6043757
Ethylbenzene	ND	ug/L	0.500	1	04/22/06 14:59	SW846 8260B	6043757
Methyl tert-Butyl Ether	ND	ug/L	0.500	1	04/22/06 14:59	SW846 8260B	6043757
Toluene	ND	ug/L	0.500	1	04/22/06 14:59	SW846 8260B	6043757
Xylenes, total	ND	ug/L	0.500	1	04/22/06 14:59	SW846 8260B	6043757
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %	J			04/22/06 14:59	SW846 8260B	6043757
Surr: Dibromofluoromethane (79-122%)	105 %				04/22/06 14:59	SW846 8260B	6043757
Surr: Toluene-d8 (78-121%)	108 %				04/22/06 14:59	SW846 8260B	6043757
Surr: 4-Bromofluorobenzene (78-126%)	103 %				04/22/06 14:59	SW846 8260B	6043757
Purgeable Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	50.0	1	04/22/06 14:59	CA LUFT GC/M	6043757
Sample ID: NPD2481-02 (MW-2 - V	Water) Sampled: (	04/17/06 15:10					
Selected Volatile Organic Compounds b	by EPA Method 8260	В					
Benzene	1.58	ug/L	0.500	1	04/22/06 15:21	SW846 8260B	6043757
Ethylbenzene	15.0	ug/L	0.500	1	04/22/06 15:21	SW846 8260B	6043757
Methyl tert-Butyl Ether	ND	ug/L	0.500	1	04/22/06 15:21	SW846 8260B	6043757
Toluene	0.690	u <b>g/L</b>	0.500	1	04/22/06 15:21	SW846 8260B	6043757
Xylenes, total	24.6	ug/L	0.500	1	04/22/06 15:21	SW846 8260B	6043757
Surr: 1,2-Dichloroethane-d4 (70-130%)	98 %				04/22/06 15:21	SW846 8260B	6043757
Surr: Dibromofluoromethane (79-122%)	105 %				04/22/06 15:21	SW846 8260B	6043757
Surr: Toluene-d8 (78-121%)	102 %				04/22/06 15:21	SW846 8260B	6043757
Surr: 4-Bromofluorobenzene (78-126%)	106 %				04/22/06 15:21	SW846 8260B	6043757
Purgeable Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	50.0	1	04/22/06 15:21	CA LUFT GC/M	5 6043757
Sample ID: NPD2481-03 (MW-3 -	Water) Sampled: (	04/17/06 15:40					
Selected Volatile Organic Compounds I	by EPA Method 8260	В					
Benzene	ND	ug/L	0.500	Ţ	04/22/06 15:43	SW846 8260B	6043757
Ethylbenzene	32.0	ug/L	0.500	I	04/22/06 15:43	SW846 8260B	6043757
Methyl tert-Butyl Ether	9.55	ug/L	0.500	1	04/22/06 15:43	SW846 8260B	6043757
Toluene	1.13	ug/L	0.500	l	04/22/06 15:43	SW846 8260B	6043757
Xylenes, total	95.3	ug/L	0.500	1	04/22/06 15:43	SW846 8260B	6043757
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %				04/22/06 15:43	SW846 8260B	6043757
Surr: Dibromofluoromethane (79-122%)	107 %				04/22/06 15:43	SW846 8260B	6043757
Surr: Toluene-d8 (78-121%)	105 %				04/22/06 15:43	SW846 8260B	6043757
Surr: 4-Bromofluorobenzene (78-126%)	104 %				04/22/06 15:43	SW846 8260B	6043757
Purgeable Petroleum Hydrocarbons							
Gasoline Range Organics	2700	ug/L	50.0	1	04/22/06 15:43	CA LUFT GC/M	ኔ 6043757





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Emeryville, CA 94608

Anni Kreml

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Work Order:

NPD2481

Project Name:

1285 Bancroft Ave., San Leandro, CA

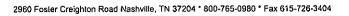
Project Number:

SAP 136017

Received:

ANAT	VTICAL.	REPORT

			•		Dilution	Analysis	harat a	-
Analyte	Result	Flag	Units	MRL	Factor	Date/Time	Method	Batch
Sample ID: NPD2481-04 (MW-4 - V	Water) Sampl	led: 04/17/	06 14:20					
Selected Volatile Organic Compounds b	y EPA Method	8260B						
Benzene	ND		ug/L	0.500	I	04/22/06 16:06	SW846 8260B	6043757
Ethylbenzene	ND		ug/L	0.500	1	04/22/06 16:06	SW846 8260B	6043757
Methyl tert-Butyl Ether	1.60		ug/L	0.500	I	04/22/06 16:06	SW846 8260B	6043757
Toluene	ND		ug/L	0.500	1	04/22/06 16:06	SW846 8260B	6043757
Xylenes, total	ND		ug/L	0.500	1	04/22/06 16:06	SW846 8260B	6043757
Surr: 1,2-Dichloroethane-d4 (70-130%)	101 %					04/22/06 16:06	SW846 8260B	6043757
Surr: Dibromofluoromethane (79-122%)	109 %					04/22/06 16:06	SW846 8260B	6043757
Surr: Toluene-d8 (78-121%)	104 %					04/22/06 16:06	SW846 8260B	6043757
Surr: 4-Bromofluorobenzene (78-126%)	106 %					04/22/06 16:06	SW846 8260B	6043757
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	I	04/22/06 16:06	CA LUFT GC/MS	6043757
Sample ID: NPD2481-05RE1 (MW	-5 - Water) S	ampled: 0	4/17/06 16:30					
Selected Volatile Organic Compounds b								
Benzene	277		ug/L	25.0	50	04/23/06 10:46	SW846 8260B	6044495
Ethylbenzene	4470		ug/L	25.0	50	04/23/06 10:46	SW846 8260B	6044495
Methyl tert-Butyl Ether	1930		ug/L	25.0	50	04/23/06 10:46	SW846 8260B	6044495
Toluene	8630		ug/L	25.0	50	04/23/06 10:46	SW846 8260B	6044495
Xylenes, total	24600		ug/L	25.0	50	04/23/06 10:46	S.W846 8260B	6044495
Surr: 1,2-Dichloroethane-d4 (70-130%)	101 %		J			04/23/06 10:46	SW846 8260B	6044495
Surr: Dibromofluoromethane (79-122%)	106 %					04/23/06 10:46	SW846 8260B	6044495
Surr: Toluene-d8 (78-121%)	104 %					04/23/06 10:46	SW846 8260B	6044495
Surr: 4-Bromofluorobenzene (78-126%)	106 %					04/23/06 10:46	SW846 8260B	6044495
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	149000		ug/L	2500	50	04/23/06 10:46	CA LUFT GC/MS	6044495
Sample ID: NPD2481-06 (MW-7 - '	Water) Samp	led: 04/17	/06 12:25					
Selected Volatile Organic Compounds l								
Benzene	ND		ug/L	0.500	1	04/23/06 08:55	SW846 8260B	6044495
Ethylbenzene	ND		ug/L	0.500	ì	04/23/06 08:55	SW846 8260B	6044495
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	04/23/06 08:55	SW846 8260B	6044495
Toluene	ND		ug/L	0.500	1	04/23/06 08:55	SW846 8260B	6044495
Xylenes, total	ND		ug/L	0.500	1	04/23/06 08:55	SW846 8260B	6044495
Surr: 1,2-Dichloroethane-d4 (70-130%)	101 %		Ť			04/23/06 08:55	SW846 8260B	6044495
Surr: Dibromofluoromethane (79-122%)	108 %					04/23/06 08:55	SW846 8260B	6044495
Surr: Toluene-d8 (78-121%)	105 %					04/23/06 08:55	SW846 8260B	6044495
Surr: 4-Bromofluorobenzene (78-126%)	105 %					04/23/06 08:55	SW846 8260B	6044495
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	I	04/23/06 08:55	CA LUFT GC/MS	6044495





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Work Order:

NPD2481

Project Name:

1285 Bancroft Ave., San Leandro, CA

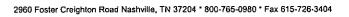
Project Number:

SAP 136017

Received:

ANALYTICAL F	REPORT
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Analyte	Result Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2481-07 (MW-8 - V	Vater) Sampled: 04/17	//06 13:15					
Selected Volatile Organic Compounds b	y EPA Method 8260B						
Benzene	ND	ug/L	0.500	1	04/23/06 09:17	SW846 8260B	6044495
Ethylbenzene	ND	ug/L	0.500	1	04/23/06 09:17	SW846 8260B	6044495
Methyl tert-Butyl Ether	17.6	ug/L	0.500	ı	04/23/06 09:17	SW846 8260B	6044495
Toluenc	ND	ug/L	0.500	1	04/23/06 09:17	SW846 8260B	6044495
Xylenes, total	ND	ug/L	0.500	1	04/23/06 09:17	SW846 8260B	6044495
Surr: 1,2-Dichloroethane-d4 (70-130%)				04/23/06 09:17	SW846 8260B	6044495	
Surr: Dibromofluoromethane (79-122%)	106 %				04/23/06 09:17	SW846 8260B	6044495
Surr: Toluene-d8 (78-121%)	104 %				04/23/06 09:17	SW846 8260B	6044495
Surr: 4-Bromofluorobenzene (78-126%)	103 %				04/23/06 09:17	SW846 8260B	6044495
Purgeable Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	50.0	1	04/23/06 09:17	CA LUFT GC/MS	6044495
Sample ID: NPD2481-08 (MW-9 - V	Water) Sampled: 04/17	//06 16:05					
Selected Volatile Organic Compounds b	y EPA Method 8260B						
Benzene	5.89	ug/L	0.500	1	04/22/06 17:34	SW846 8260B	6043757
Ethylbenzene	17.4	ug/L	0.500	1	04/22/06 17:34	SW846 8260B	6043757
Methyl tert-Butyl Ether	15.8	ug/L	0.500	1	04/22/06 17:34	SW846 8260B	6043757
Toluenc	4.25	ug/L	0.500	1	04/22/06 17:34	SW846 8260B	6043757
Xylenes, total	38.1	ug/L	0.500	1	04/22/06 17:34	SW846 8260B	6043757
Surr: 1,2-Dichloroethane-d4 (70-130%)	98 %	_			04/22/06 17:34	SW846 8260B	6043757
Surr: Dibromofluoromethane (79-122%)	105 %				04/22/06 17:34	SW846 8260B	6043757
Surr: Toluene-d8 (78-121%)	103 %				04/22/06 17:34	SW846 8260B	6043757
Surr: 4-Bromofluorobenzene (78-126%)	103 %				04/22/06 17:34	SW846 8260B	6043757
Purgeable Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	50.0	1	04/22/06 17:34	CA LUFT GC/MS	6043757
Sample ID: NPD2481-09 (MW-10 -	Water) Sampled: 04/1	17/06 10:10					
Selected Volatile Organic Compounds b	y EPA Method 8260B						
Benzene	ND	ug/L	0.500	1	04/23/06 09:39	SW846 8260B	6044495
Ethylbenzene	ND	ug/L	0.500	ı	04/23/06 09:39	SW846 8260B	6044495
Methyl tert-Butyl Ether	31.6	ug/L	0.500	1	04/23/06 09:39	SW846 8260B	6044495
Toluene	ND	ug/L	0.500	1	04/23/06 09:39	SW846 8260B	6044495
Xylenes, total	ND	ug/L	0.500	1	04/23/06 09:39	SW846 8260B	6044495
Surr: 1,2-Dichloroethane-d4 (70-130%)	98 %	<del>-</del>			04/23/06 09:39	SW846 8260B	6044495
Surr: Dibromofluoromethane (79-122%)	105 %				04/23/06 09:39	SW846 8260B	6044495
Surr: Toluene-d8 (78-121%)	105 %				04/23/06 09:39	SW846 8260B	6044495
Surr: 4-Bromofluorobenzene (78-126%)	106 %				04/23/06 09:39	SW846 8260B	6044495
Purgeable Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	50.0	l	04/23/06 09:39	CA LUFT GC/M	6044495





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Emeryville, CA 94608

Anni Kreml

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Work Order:

NPD2481

Project Name:

1285 Bancroft Ave., San Leandro, CA

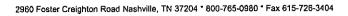
Project Number:

SAP 136017

Received:

Δ	NΔ	I.V1	FIC (	ΔT.	REP	ORT

Analyte	Result	Flag Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2481-10 (MW-11 -	Water) Sampled	I: 04/17/06 10:55					
Selected Volatile Organic Compounds b	y EPA Method 826	50B					
Benzene	ND	ug/L	0.500	ı	04/23/06 10:01	SW846 8260B	6044495
Ethylbenzene	ND	ug/L	0.500	1	04/23/06 10:01	SW846 8260B	6044495
Methyl tert-Butyl Ether	ND	ug/L	0.500	1	04/23/06 10:01	SW846 8260B	6044495
Toluene	ND	ug/L	0.500	1	04/23/06 10:01	SW846 8260B	6044495
Xylenes, total	ND	ug/L	0.500	1	04/23/06 10:01	SW846 8260B	6044495
Surr: 1,2-Dichloroethane-d4 (70-130%)	99 %	-			04/23/06 10:01	ŚW846 8260B	6044495
Surr: Dibromofluoromethane (79-122%)	106 %				04/23/06 10:01	SW846 8260B	6044495
Surr: Toluene-d8 (78-121%)	103 %				04/23/06 10:01	SW846 8260B	6044495
Surr: 4-Bromofluorobenzene (78-126%)	109 %				04/23/06 10:01	SW846 8260B	6044495
Purgeable Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	50.0	1	04/23/06 10:01	CA LUFT GC/MS	6044495
Sample ID: NPD2481-11 (MW-12 -	Water) Sampled	1: 04/17/06 11:55					
Selected Volatile Organic Compounds to							
Benzene	ND	ug/L	0.500	1	04/22/06 18:41	SW846 8260B	6043757
Ethylbenzene	ND	ug/L	0.500	1	04/22/06 18:41	SW846 8260B	6043757
Methyl tert-Butyl Ether	ND	ug/L	0.500	1	04/22/06 18:41	SW846 8260B	6043757
Toluene	ND	ug/L	0.500	1	04/22/06 18:41	SW846 8260B	6043757
Xylenes, total	ND	ug/L	0.500	1	04/22/06 18:41	SW846 8260B	6043757
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %	_			04/22/06 18:41	SW846 8260B	6043757
Surr: Dibromofluoromethane (79-122%)	104 %				04/22/06 18:41	SW846 8260B	6043757
Surr: Toluene-d8 (78-121%)	104 %				04/22/06 18:41	SW846 8260B	6043757
Surr: 4-Bromofluorobenzene (78-126%)	102 %				04/22/06 18:41	SW846 8260B	6043757
Purgeable Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	50.0	1	04/22/06 18:41	CA LUFT GC/MS	6043757
Sample ID: NPD2481-12 (IW-1 - W	ater) Sampled:	04/17/06 11:25					
Selected Volatile Organic Compounds	by EPA Method 82	60B					
Benzene	ND	ug/L	0.500	1	04/22/06 19:03	SW846 8260B	6043757
Ethylbenzene	ND	ug/L	0.500	1	04/22/06 19:03	SW846 8260B	6043757
Methyl tert-Butyl Ether	ND	ug/L	0.500	1	04/22/06 19:03	SW846 8260B	6043757
Toluene	ND	ug/L	0.500	1	04/22/06 19:03	SW846 8260B	6043757
Xylenes, total	ND	ug/L	0.500	1	04/22/06 19:03	SW846 8260B	6043757
Surr: 1,2-Dichloroethane-d4 (70-130%)	99 %	_			04/22/06 19:03	SW846 8260B	6043757
Surr: Dibromofluoromethane (79-122%)	104 %				04/22/06 19:03	SW846 8260B	6043757
Surr: Toluene-d8 (78-121%)	106 %				04/22/06 19:03	SW846 8260B	6043757
Surr: 4-Bromofluorobenzene (78-126%)	105 %				04/22/06 19:03	SW846 8260B	6043757
Purgeable Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	50.0	1	04/22/06 19:03	CA LUFT GC/MS	6043757





5900 Hollis Street, Suite A

Emeryville, CA 94608

Anni Kreml

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Work Order:

NPD2481

Project Name:

1285 Bancroft Avc., San Leandro, CA

Project Number:

SAP 136017

Received:

04/20/06 07:50

## PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compo	ounds by EPA Method 82	60B			
6043757-BLK1					
Benzene	<0.200	ug/L	6043757	6043757-BLK1	04/22/06 11:39
Ethylbenzene	<0.200	ug/L	6043757	6043757-BLK1	04/22/06 11:39
Methyl tert-Butyl Ether	<0.200	ug/L	6043757	6043757-BLK1	04/22/06 11:39
Toluene	<0.200	ug/L	6043757	604375 <b>7-</b> BLK1	04/22/06 11:39
Xylenes, total	<0.350	ug/L	6043757	6043757-BLK1	04/22/06 11:39
Surrogate: 1,2-Dichloroethane-d4	99%		6043757	6043757-BLK1	04/22/06 11:39
Surrogate: Dibromofluoromethane	107%		6043757	6043757-BLK1	04/22/06 11:39
Surrogate: Toluene-d8	103%		6043757	6043757-BLK1	04/22/06 11:39
Surrogate: 4-Bromofluorobenzene	105%		6043757	6043757-BLK1	04/22/06 11:39
6044495-BLK1					
Benzene	<0.200	ug/L	6044495	6044495-BLK1	04/23/06 08:33
Ethylbenzene	<0.200	ug/L	6044495	6044495-BLK1	04/23/06 08:33
Methyl tert-Butyl Ether	<0.200	ug/L	6044495	6044495-BLK1	04/23/06 08:33
Toluene	<0.200	ug/L	6044495	6044495-BLK I	04/23/06 08:33
Xylenes, total	<0.350	ug/L	6044495	6044495-BLK1	04/23/06 08:33
Surrogate: 1,2-Dichloroethane-d4	99%		6044495	6044495-BLK1	04/23/06 08:33
Surrogate: Dibromofluoromethane	104%		6044495	6044495-BLK1	04/23/06 08:33
Surrogate: Toluene-d8	104%		6044495	6044495-BLK1	04/23/06 08:33
Surrogate: 4-Bromofluorobenzene	104%		6044495	6044495-BLK1	04/23/06 08:33
Purgeable Petroleum Hydrocarl	oons				
6043757-BLK1					
Gasoline Range Organics	<50.0	ug/L	6043757	6043757-BLK1	04/22/06 11:39
Surrogate: 1,2-Dichloroethane-d4	99%		6043757	6043757-BLK1	04/22/06 11:39
Surrogate: Dibromofluoromethane	107%		6043757	6043757-BLK1	04/22/06 11:39
Surrogate: Toluene-d8	103%		6043757	6043757-BLK1	04/22/06 11:39
Surrogate: 4-Bromofluorobenzene	105%		6043757	6043757-BLK1	04/22/06 11:39
6044495-BLK1					
Gasoline Range Organics	<50.0	ug/L	6044495	6044495-BLK1	04/23/06 08:33
Surrogate: 1,2-Dichloroethane-d4	99%		6044495	6044495-BLK1	04/23/06 08:33
Surrogate: Dibromofluoromethane	104%		6044495	6044495-BLK1	04/23/06 08:33
Surrogate: Toluene-d8	104%		6044495	6044495-BLK1	04/23/06 08:33
Surrogate: 4-Bromofluorobenzene	104%		6044495	6044495-BLK1	04/23/06 08:33



5900 Hollis Street, Suite A

Emeryville, CA 94608

Anni Krcml

Attn

Work Order:

NPD2481

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Number:

SAP 136017

Received:

04/20/06 07:50

# PROJECT QUALITY CONTROL DATA LCS

Analyte	Κπονπ Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Balch	Analyzed Date/Time
Selected Volatile Organic Compoun	de by FDA Mothod 92							
-	ids by El A Method 62	OVD						
6043757-BS1 Benzene	50.0	53.7		ug/L	107%	79 - 123	6043757	04/22/06 10:33
Ethylbenzene	50.0	51,1		ug/L	102%	79 - 125	6043757	04/22/06 10:33
Methyl tert-Butyl Ether	50.0	48.1		ug/L	96%	66 - 142	6043757	04/22/06 10:33
Toluene	50.0	50.7		ug/L	101%	78 - 122	6043757	04/22/06 10:33
Xylenes, total	150	171		ug/L	114%	79 - 130	6043757	04/22/06 10:33
Surrogate: 1,2-Dichloroethane-d4	50.0	48.7		ug L	97%	70 - 130	6043757	04/22/06 10:33
Surrogate: Dibromofluoromethane	50.0	49.6			99%	79 - 122	6043757	04/22/06 10:33
Surrogate: Toluene-d8	50.0	52.2			104%	78 - 121	6043757	04/22/06 10:33
Surrogate: 4-Bromofluorobenzene	50.0	52.0			104%	78 - 126	6043757	04/22/06 10:33
Sarrogaie, 4-bromojnioroschizene	50.0	32.0			10476	78 - 120	0043737	04/22/00 10.33
6044495-BS1								
Benzene	50.0	47.0		ug/L	94%	79 - 123	6044495	04/23/06 07:26
Ethylbenzene	50.0	44.1		ug/L	88%	79 - 125	6044495	04/23/06 07:26
Methyl tert-Butyl Ether	50.0	43.6		ug/L	87%	66 - 142	6044495	04/23/06 07:26
Toluene	50.0	44.9		ug/L	90%	78 - 122	6044495	04/23/06 07:26
Xylenes, total	150	145		ug/L	97%	79 - 130	6044495	04/23/06 07:26
Surrogate: 1,2-Dichloroethane-d4	50.0	49.6			99%	70 - 130	6044495	04/23/06 07:26
Surrogate: Dibromofluoromethane	50.0	50.1			100%	79 - 122	6044495	04/23/06 07:26
Surrogate: Toluene-d8	50.0	51.1			102%	78 - 121	6044495	04/23/06 07:26
Surrogate: 4-Bromosluorobenzene	50.0	52.5			105%	78 - 126	6044495	04/23/06 07:26
Purgeable Petroleum Hydrocarbons	s							
6043757-BS1								
Gasoline Range Organics	3050	3230		ug/L	106%	67 - 130	6043757	04/22/06 10:33
Surrogate: 1,2-Dichloroethane-d4	50.0	48.7		_	97%	70 - 130	6043757	04/22/06 10:33
Surrogate: Dibromofluoromethane	50.0	49.6			99%	70 - 1 <b>30</b>	6043757	04/22/06 10:33
Surrogate: Toluene-d8	50.0	52.2			104%	70 - 130	6043757	04/22/06 10:33
Surrogate: 4-Bromofluorobenzene	50.0	52.0			104%	70 - 130	6043757	04/22/06 10:33
6044495-BS1								
Gasoline Range Organics	3050	2940		ug/L	96%	67 - 130	6044495	04/23/06 07:26
Surrogate: 1,2-Dichloroethane-d4	50.0	49.6			99%	70 - 130	6044495	04/23/06 07:26
Surrogate: Dibromofluoromethane	50.0	50.1			100%	70 - 130	6044495	04/23/06 07:26
Surrogate: Toluene-d8	50.0	51.1			102%	70 - 130	6044495	04/23/06 07:26
Surrogate: 4-Bromofluorobenzene	50.0	52.5			105%	70 - 130	6044495	04/23/06 07:26



5900 Hollis Street, Suite A

Emeryville, CA 94608

Anni Kreml

Attn

Work Order:

NPD2481

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Number:

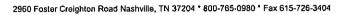
SAP 136017

Received:

04/20/06 07:50

# PROJECT QUALITY CONTROL DATA Matrix Spike

Analyte	Orig. Val.	MS Val	Q Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compo	unds by EPA Me	thod 8260B	. ,		- ,				
6043757-MS1	ŭ								
Benzene	1.58	62.7	ug/L	50.0	122%	71 - 137	6043757	NPD2481-02	04/22/06 19:25
Ethylbenzene	15.0	71.8	սը/L	50.0	114%	72 - 13 <del>9</del>	6043757	NPD2481-02	04/22/06 19:25
Methyl tert-Butyl Ether	ND	55.2	ug/L	50.0	110%	55 - 152	6043757	NPD2481-02	04/22/06 19:25
Toluene	0.690	57.2	ug/L	50.0	113%	73 - 133	6043757	NPD2481-02	04/22/06 19:25
Xylenes, total	24.6	217	ug/L	150	128%	70 - 143	6043757	NPD2481-02	04/22/06 19:25
Surrogate: 1,2-Dichloroethane-d4		50.2	ug/L	50.0	100%	70 - 130	6043757	NPD2481-02	04/22/06 19:25
Surrogate: Dibromofluoromethane		52.2	ug/L	50.0	104%	79 - 122	6043757	NPD2481-02	04/22/06 19:25
Surrogate: Toluene-d8		52.2	ug/L	50.0	104%	78 - 121	6043757	NPD2481-02	04/22/06 19:25
Surrogate: 4-Bromofluorobenzene		51.8	ug/L	50.0	104%	78 - 126	6043757	NPD2481-02	04/22/06 19:25
6044495-MS1									
Benzene	0.410	55.6	ug/L	50.0	110%	71 - 137	6044495	NPD2510-01	04/23/06 16:41
Ethylbenzene	ND	51.0	ug/L	50.0	102%	72 - 139	6044495	NPD2510-01	04/23/06 16:41
Methyl tert-Butyl Ether	36.2	78.8	ug/L	50.0	85%	55 - 152	6044495	NPD2510-01	04/23/06 16:41
Toluene	ND	50.9	ug/L	50.0	102%	73 - 133	6044495	NPD2510-01	04/23/06 16:41
Xylenes, total	ND	167	ug/L	150	111%	70 - 143	6044495	NPD2510-01	04/23/06 16:41
Surrogate: 1,2-Dichloroethane-d4		49.7	ug/L	50.0	99%	70 - 130	6044495	NPD2510-01	04/23/06 16:41
Surrogate: Dibromofluoromethane		52.6	ug/L	50.0	105%	79 - 122	6044495	NPD2510-01	04/23/06 16:41
Surrogate: Toluene-d8		52.2	ug/L	50.0	104%	78 - 121	6044495	NPD2510-01	04/23/06 16:41
Surrogate: 4-Bromofluorobenzene		52.3	ug/L	50.0	105%	78 - 126	6044495	NPD2510-01	04/23/06 16:41
Purgeable Petroleum Hydrocarb	ons								
6043757-MS1									
Gasoline Range Organics	ND	3200	ug/L	3050	105%	60 - 140	6043757	NPD2481-02	04/22/06 19:25
Surrogate: 1,2-Dichloroethane-d4		50.2	ug/L	50.0	100%	0 - 200	6043757	NPD2481-02	04/22/06 19:25
Surrogate: Dibromofluoromethane		52.2	ug/L	50.0	104%	0 - 200	6043757	NPD2481-02	04/22/06 19:25
Surrogate: Toluene-d8		52.2	ug/L	50.0	104%	0 - 200	6043757	NPD2481-02	04/22/06 19:25
Surrogate: 4-Bromofluorobenzene		51.8	ug/L	50.0	104%	0 - 200	6043757	NPD2481-02	04/22/06 19:25
6044495-MS1									
Gasoline Range Organics	ND	2720	ug/L	3050	89%	60 - 140	6044495	NPD2510-01	04/23/06 16:41
Surrogate: 1,2-Dichloroethane-d4		49.7	ug/L	50.0	99%	0 - 200	6044495	NPD2510-01	04/23/06 16:41
Surrogate: Dibromofluoromethane		52.6	ug/L	50.0	105%	0 - 200	6044495	NPD2510-01	04/23/06 16:41
Surrogate: Toluene-d8		52.2	ug/L	50.0	104%	0 - 200	6044495	NPD2510-01	04/23/06 16:41
Surrogate: 4-Bromofluorobenzene		52.3	ug/L	50.0	105%	0 - 200	6044495	NPD2510-01	04/23/06 16:41





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Anni Kreml

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Work Order:

NPD2481

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Number:

SAP 136017

Received: 04/20/06 07:50

# PROJECT QUALITY CONTROL DATA Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compo	ounds by EPA	vietnou 62	OUD									
6043757-MSD1 Benzene	1.58	56.6		ug/L	50.0	110%	71 - 137	10	23	6043757	NPD2481-02	04/22/06 19:48
Ethylbenzene	15.0	64,0		ug/L	50.0	98%	72 - 139	11	23	6043757	NPD2481-02	04/22/06 19:48
Methyl tert-Butyl Ether	ND	50.3		ug/L	50.0	101%	55 - 152	9	27	6043757	NPD2481-02	04/22/06 19:48
Toluene	0.690	52.0		ug/L	50.0	103%	73 - 133	10	25	6043757	NPD2481-02	04/22/06 19:48
Xylenes, total	24.6	191		ug/L	150	111%	70 - 143	13	27	6043757	NPD2481-02	04/22/06 19:48
Surrogate: 1,2-Dichloroethane-d4	2	51.7		ug/L	50.0	103%	70 - 130			6043757	NPD2481-02	04/22/06 19:48
Surrogate: Dibromofluoromethane		54.0		ug/L	50.0	108%	79 - 122			6043757	NPD2481-02	04/22/06 19:48
Surrogate: Toluene-d8		50.7		ug/L	50.0	101%	78 - 121			6043757	NPD2481-02	04/22/06 19:48
Surrogate: 4-Bromofluorobenzene		52.0		ug/L	50.0	104%	78 - 126			6043757	NPD2481-02	04/22/06 19:48
6044495-MSD1												
Benzene	0.410	60.0		ug/L	50.0	119%	71 - 137	8	23	6044495	NPD2510-01	04/23/06 17:03
Ethylbenzene	ND	54.4		ug/L	50.0	109%	72 - 139	6	23	6044495	NPD2510-01	04/23/06 17:03
Methyl tert-Butyl Ether	36.2	88.1		ug/L	50.0	104%	55 - 152	11	27	6044495	NPD2510-01	04/23/06 17:03
Toluene	ND	54.1		ug/L	\$0.0	108%	73 - 133	6	25	6044495	NPD2510-01	04/23/06 17:03
Xylenes, total	ND	179		ug/L	150	119%	70 - 143	7	27	6044495	NPD2510-01	04/23/06 17:03
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	70 - 130			6044495	NPD2510-01	04/23/06 17:03
Surrogate: Dibromofluoromethane		52.9		ug/L	50.0	106%	79 - 122			6044495	NPD2510-01	04/23/06 17:03
Surrogate: Toluene-d8		51.7		ug/L	50.0	103%	78 - 121			6044495	NPD2510-01	04/23/06 17:03
Surrogate: 4-Bromofluorobenzene		52.0		ug/L	50.0	104%	78 - 126			6044495	NPD2510-01	04/23/06 17:03
Purgeable Petroleum Hydrocarl	oons											
6043757-MSD1												
Gasoline Range Organics	ND	2790		ug/L	3050	91%	60 - 140	14	40	6043757	NPD2481-02	04/22/06 19:48
Surrogate: 1,2-Dichloroethane-d4		51.7		ug/L	50.0	103%	0 - 200			6043757	NPD2481-02	04/22/06 19:48
Surrogate: Dibromofluoromethane		54.0		ug/L	50.0	108%	0 - 200			6043757	NPD2481-02	04/22/06 19:48
Surrogate: Toluene-d8		50.7		ug/L	50.0	101%	0 - 200			6043757	NPD2481-02	04/22/06 19:48
Surrogate: 4-Bromofluorobenzene		52.0		ug/L	50.0	104%	0 - 200			6043757	NPD2481-02	04/22/06 19:48
6044495-MSD1				_				_			Amperio of	04/22/07 15 02
Gasoline Range Organics	ND	2930		ug/L	3050	96%	60 - 140	7	40	6044495	NPD2510-01	04/23/06 17:03
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L -	50.0	106%	0 - 200			6044495	NPD2510-01	04/23/06 17:03
Surrogate: Dibromofluoromethane		52.9		ug/L	50.0	106%	0 - 200			6044495	NPD2510-01	04/23/06 17:03
Surrogate: Toluene-d8		51.7		ug/L	50.0	103%	0 - 200			6044495	NPD2510-01	04/23/06 17:03
Surrogate: 4-Bromofluorobenzene		52.0		ug/L	50.0	104%	0 - 200			6044495	NPD2510-01	04/23/06 17:03



2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)

5900 Hollis Street, Suite A

Emeryville, CA 94608

Anni Kreml

Attn

Work Order:

NPD2481

Project Name:

1285 Bancroft Ave., San Leandro, CA

Project Number:

SAP 136017

Received:

04/20/06 07:50

#### **CERTIFICATION SUMMARY**

#### TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California	
CA LUFT GC/MS	Water			X	
NA	Water				
SW846 8260B	Water	N/A	Х	X	



2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Cambria Env. Tech. (Emeryville) / SHELL (13675)

5900 Hollis Street, Suite A

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Work Order:

NPD2481

Project Name:

1285 Bancroft Ave., San Leandro, CA

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SAP 136017

Received:

04/20/06 07:50

#### NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method

Attn

CA LUFT GC/MS

<u>Matrix</u>

Water

<u>Analyte</u>

Gasoline Range Organics



### Nashville Division COOLER RECEIPT FORM



NPD2481

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:  FED-EX  Temperature of representative sample or temperature blank when opened:  Degrees Celsius	1 1/2 1/2 1/2	/20/06	7:50	Æ		
3. Were custedy seals on outside of cooler?	Cooler Received/Opened On: 4.  1. Indicate the Airbill Tracking Number (last 4 digi	ts for Fedex only) 2		ier below:	<u> </u>	_ <del>_</del>
3. Were custedy seals on outside of cooler?	FED-EX		-00	~ ~	G. L. inn	
a. If yes, how many and where:  4. Were the seals intact, signed, and dated correctly?	Temperature of representative sample or temperate (indicate IR Gun ID#)	ure blank when op	ened:	<u>)                                    </u>	es Ceisius	
a. If yes, how many and where:  4. Were the seals intact, signed, and dated correctly?	A <b>0</b> 075 <u>0</u>					
a. If yes, how many and where:  4. Were the seals intact, signed, and dated correctly?	3. Were custody seals on outside of cooler?	***************************************	······································	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	€§no	NA
4. Were the seals intact, signed, and dated correctly?	a. If yes, how many and where:		FONT			
5. Were custody papers inside cooler?	4. Were the seals intact, signed, and dated correct	ly?	* : * : * : * : * : * : * : * : * : * :	(	YESNO	NA
Certify that I opened the cooler and answered questions 1-5 (Intial)					YES. NO	.NA
6. Were custody seals on containers:  Were these signed, and dated correctly?					(~>)	<del>/</del>
Were those signed, and dated correctly?		7.15			YES NO	NA
Plastic bag Paper Other	were these signed, and dated correctly?			• • • •	YESNO	<del>***</del>
Plastic bag Paper Other	7. What kind of packing material used?	Bubblewrap	Peanuts .	Vermiculite	Foam I	nsert
8. Cooling process:    Cooling process:   Cooling p		Other		No	ne	
9. Did all containers arrive in good condition (unbroken)?		ack Ice (dir	rect contact)	Dry ice	Other	None
10. Were all container labels complete (#, date, signed, pres., etc)?  11. Did all container labels and tags agree with custody papers?  12. a. Were VOA vials received?  13. a. Was there any observable head space present in any VOA vial?  14. Was there any observable head space questions 6-12 (intial).  15. Did the bottle labels indicate that the correct preservatives were used.  16. Did the space present?  17. Were custody papers properly filled out (ink, signed, etc)?  18. Was sufficient amount of sample sent in each container?  19. Did the space present in any VOA vial?  10. Were custody papers in the appropriate place?  11. Was sufficient amount of sample sent in each container?	0, 000, 000	•	•		€8no	.NA
11. Did all container labels and tags agree with custody papers?						
12. a. Were VOA vials received?						
b. Was there any observable head space present in any VOA vial?						
I certify that I unloaded the cooler and answered questions 6-12 (intial)					YESNO	NA
13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YESNONA  b. Did the bottle labels indicate that the correct preservatives were used					च्य	
b. Did the bottle labels indicate that the correct preservatives were used					0 YESNO	NA
If preservation in-house was needed, record standard ID of preservative used here  14. Was residual chlorine present?  15. Were custody papers properly filled out (ink, signed, etc)?  16. Did you sign the custody papers in the appropriate place?  17. Were correct containers used for the analysis requested?  18. Was sufficient amount of sample sent in each container?		A Committee of the Comm			<i>-</i> \	
14. Was residual chlorine present?					<i></i>	
15. Were custody papers properly filled out (ink, signed, etc)?  16. Did you sign the custody papers in the appropriate place?  17. Were correct containers used for the analysis requested?  18. Was sufficient amount of sample sent in each container?	· · · · · · · · · · · · · · · · · · ·				YESNO.	.ASA)
15. Were custody papers properly filled out (ink, signed, etc)?  16. Did you sign the custody papers in the appropriate place?  17. Were correct containers used for the analysis requested?  18. Was sufficient amount of sample sent in each container?						
16. Did you sign the custody papers in the appropriate place?					YESNO	Ď NA
17. Were correct containers used for the analysis requested?					YESNO.	NA
18. Was sufficient amount of sample sent in each container?					ESNO.	NA
• • • • • • • • • • • • • • • • • • •					CYESNO.	NA
Tea-tify that I entered this project into Lilvis and auswei eu questions 13-16 (metality)					<u>13</u>	}_
I certify that I attached a label with the unique LIMS number to each container (intial)					_P	<b>)</b>
19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #				_	NO #	<u>.</u>

BC#



#### BC#

Cooler I. Indica	Received/	Opened Or Tracking Nu	n <u>04/20/0</u> imber (last 4 i	6 0750 digits for Fo	dex only) a	and Name of C	ourier below:	881K	
Fe	d-EX	UPS	Velocity	D	HL	Route	Off-street	Mis	ic.
2. Temp (indica	erature of re te IR Gun	epresentative s LD#)	sample or tem	iperature bl	ank when	opened:	3, U Deg	rees Cel	sius
NA	A00466	A0	0750	A01124	ļ	100190	101282	) Ray	nger ST
3. Were	custody seal	ls on outside o	f cooler?	************	••••••			YESI	2. <sub>NA</sub>
	a. If yes,	, how many a	nd where:		<del></del>			_	
4. Were								YESNO	(6)
5. Were	custody pap	ers inside cool	ler?		• • • • • • • • • • • • • • • • • • • •			(YRS) NO	NA
I certify t	<u>hat I opened</u>	the cooler an	d answered q	uestions 1-5	(intial)	*************		~>	_ DZ
6. Were	custody seals	s on container	s:	YES	NO	a	nd Intact	YES NO	- CA
	were these s	signed, and da	ited correctly	?			*****	YESNO.	
7. What	t kind of pa	cking mater	ial used?	Bubblew	rap	Peanuts	Vermiculite	Foam	Insert
	1	Plastic bag	Paper	Oth	er	<u> </u>	No	ne	
8. Cool	ing process	: 16	e Ice-p	pack	Ice (dire	ct contact)	Dry ice	Other	None
9. Did al	l containers a	arrive in good	condition ( u	nbroken)?	•	,		(AssNO.	NA
10. Were	all containe	r labels compl	lete (#, date, s	igned, pres.	, etc)?		***************************************	PESNO.	NA
II. Did a	ll container l	labels and tag	s agree with c	ustody pape	ers?			€3NO.	NA
12. a, W	ere VOA via	ils received?	•	************				YESNO	NA
b. W	as there any	observable h	ead space pre	sent in any	VOA vial?		***************************************	YESNO.	.NA
I certify th	at I unloade	d the cooler a	nd answered (	questions 6-	12 (intial).	······		DI	
13. a. On	preserved b	ottles did the	pH test strips	suggest tha	it preserva	tion reached ti	ne correct pH level	? YESNO	NA
b. Die	d the bottle la	abels indicate	that the corre	ect preserva	tives were	used		YESNO	.NA
	If preservati	on in-house w	as needed, re	cord standa	rd ID of p	eservative use	d here		
14. Was r	esidual chlor	rine present?.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•••••••		••••	YESNO	
I certify th	at I checked	for chlorine a	nd pH as per	SOP and a	nswered qu	cstions 13-14 (	intial)	- A.	<u>7                                    </u>
15. Were	custody pap	ers properly f	illed out (ink,	signed, etc	)?			YESNO	.NA
16. Did y	ou sign the c	ustody papers	in the appro	priate place	?			YESNO	.NA
17. Were	correct conta	niners used for	the analysis	requested?.	••••••	••••••	•••••	XESNO	NA
18. Was s	ufficient amo	ount of sample	sent in each	container?.	••••			YE3NO	NA
[ certify the	at I entered t	his project in	to LIMS and	answered q	uestio <u>ns</u> 15	-18 (intial)	<u></u>	63	
I certify the	<u>it I attached</u>	a label with th	he unique LIN	AS number	to each co	ıtainer (intial)	····	Þ	7
	ere Non-Cor	nformance iss	ues at login	YES NO	Was a PI	PE generated	YES	NO #	
Cooler Beer		<del></del>		_					

AB: Test America STL Other	• ••	SHELL Chain Of	Justoay I	Recolu		
ab Identification (If necessary):	Shell Project Manager to b	e invoiced:	INCIDEN	T NUMBER (ES ONLY)	. 1 1-4	
TA - Irvine, California	Shell Project Manager to b		9 9 6 0 6 7	DATE: 4 17/06 PAGE: 1 of 2		
TA - Morgan Hill, California	ENVIRONMENTAL SERVICES	Denis Brown	Control of the supplier of the Parish Sept.	DATE:		
TA - Nashville, Tennerss	TECHNICAL SERVICES		MT.NUMBER (TS/CRMT)	PAGE: of Z		
]sn. <b>NPD2481</b>		IT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE				
Other (location)	LT:GRATEROUSTON		State	GLOBAL ID NO:		
MAPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	CA	T0600101224		
Blaine Tech Services	BTSS	1285 Bancroft Ave., San Leandro	NO:	E-MAIL:	CONSULTANT PROJECT NO:	
ADDRESS:		EDF DELIVERABLE TO (Name, Company, Office Colonia)				
680 Rogers Avenue, San Jose, CA 95112		Anni Kremi, Cambria, Emeryville Office 51	-420-3335	shell.em.edf@cambria-	env.com BTS#	
PROJECT CONTACT (Hardcopy or PDF Report to):		SAMPLER NAME(S) (PHri):			B USE ONLY	
Aichael Ninokata TELEPHONE: FAX:	E-MAIL:	1 1 1 1 100				
108-573-0555 408-573-7771	mninokata@blainetech.com	Shan Cane		i i i i i i i i i i i i i i i i i i i	Military (1996) - Military (19	
TURNAROUND TIME (STANDARD IS 10 CALENDAR DAY	'S): RESULTS NEEDED		REQUESTED	) ANALYSIS	•	
STD 5 DAY 3 DAY 2 DAY	24 HOURS ON WEEKEND	<u> </u>	1 1	<del></del>		
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:					FIELD NOTES:	
	GHEST per BORINGALL	(8015m) (8015m)				
GOMS MIDE CONTRACTOR	ECK BOX IF EDD IS NOT NEEDED	Purgeable (8260B) II, Extractable (80' IB) DIPE, TAME, ETBE) OB) (B) (B) (OB)			Container/Preservative or PID Readings	
SPECIAL INSTRUCTIONS OF NOTES.	<del></del>				or Laboratory Notes	
		Extractable (820)  (82608)  (82608)  (95, TAME, EI				
			<u>6</u>   <u>8</u>   <u>9</u>			
		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			1 1	
	ECEIPT VERIFICATION REQUESTED	TH - Gas, Purge: TPH - Diesel, Extr BTEX (8280B) 5 Oxyganates (826 MTBE (8280B) TBA (8280B) DIPE (8260B) TAME (8260B) ETBE (8260B)	EDB (8260B) Ethanol (8260B) Methanol (8016M)	1	TEMPERATURE ON RECEIPT C°	
	CAMBING NO				TEMPERATURE OFFICE STATE	
USE Field Sample Identification	DATE TIME MATRIX CONT	MTB MTB TAN TAN TAN TAN TAN TAN TAN TAN TAN TAN		╼┼╼┼╼┼╼┼╼	1,1	
ONLY	<del></del>		1 1 1	MPDGUE)	<u> </u>	
MW-1	4/17/a 1350 W 3		+++		2	
MW-2 MW-3	1 1570	X X X		<del>·<del></del> <del>·</del>  - <del> </del>  del>	<del>-  </del>	
2000	<del></del>	XXXX	1 1 1		3	
<u>  MW-3                                   </u>	1640		<del>           </del>	_	a	
MW-4	1420			<del></del>	141	
	<del>-   -   -   -   -   -   -   -   -   -  </del>		1 1 1			
Mw-5	1630	_ <del>                                    </del>	╶╂╾╂╌╂╌╅	<del></del>		
WALL-CED)		<u>.                                     </u>		_		
	<del>-                                     </del>	XXX	T 1 1 1		6	
MW-7	775		╌┼╌┼╌┤	<del>┈╎╸</del> ┼┈┼ <del>╸╎╸</del>	<u> </u>	
11115	1315				7	
/'\ W. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	, _ , _ , _ , _ , _ , _ , _ , _ ,				8	
MW-4	1605		┷┼╼┼╌┼	<del>┝╸┋╸╏┈╄┠╏═┞</del>		
1011114		/  X   X   X		1 10 11	9	
13W-10,	Y IOO V Y Received by: (Signal	ture)		Data:	Turne:	
Relinquished by: (Signature)		5 Anel Cambell	100 An	417/06	1755	
	Received by Sonne			Date: 1/2/2	Time: 1540	
Reinquighed by: (Signature)	OBSENATO IN			44 ft 06	Time:	
	Kecatalin ply (SiBis			Data: //8/0C	1627	
Refinquisher by: (Signature)		3m	7-14 L	17//0/07	Variable of the second	
	1 1 3 4 4 4	100 6 60		<del></del>	10/16/00 Revision	

LAB: rest America STL Other	·	SHELL Chain Of Cu	istody Record
Lab Identification (if necessary):	Shell Project Manager to I	ne involced:	INCIDENT NUMBER (ES ONLY)
☐ TA - Irvine, California ☐ 'YA - Morgan Hill, California			4/7/8
☐ TA - Nashville, Tennessee	PENVIRONMENTAL SERVICES	Denis Brown	9 8 9 9 6 0 6 7 DATE: 417 08
	TECHNICAL SERVICES		9 8 9 9 6 0 6 7  SAP of CRMT NUMBER (TS/CRMT)  PAGE: 2 of 2
Other (location)	☐ CRMT HOUSTON ☐ NO	OT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE	PAGE: 01
Other (location)			Slate GLOBALID NO:
SAHIPLING COMPANY:	LOG COOL:	SITE ADDRESS: Street and City	CA T0600101224
Blaine Tech Services	BTSS	1285 Bancroft Ave., San Leandro	
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112		EDP DELIVERABLE TO THE PARTY, CHINES ESCALEDIT.	060417-5
PROJECT CONTACT (Harscopy or PDF Report to):		Anni Kremi, Cambria, Emeryville Office 510-420	
Michael Ninokata		1 • /	AB USE ONLY
TELEPHONE: FAX:	E-MAIL:	Shawn (ane	
408-573-0555 408-573-7771	mninokata@blainetech.com	3(40)(41)(	अर्थाती अर्थक्षितिया में विकास विकास के विकास के विकास के विकास के किया है।
TURNAROUND TIME (STANDARD IS 10 CALENDAR DAY	(S): RESULTS NEEDED	İ	REQUESTED ANALYSIS
STD 5 DAY 3 DAY 2 DAY	24 HOURS ON WEEKEND		
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:			
	IGHEST per BORINGALL	(8015m) (8015m)	
	CK BOX IF EDD IS NOT NEEDED	Purgeable (8260B)  le Extractable (801 BB)  DIPE_TAME_ETBE)  OB)  OB)  250B)	Container/Preservative
SPECIAL INSTRUCTIONS OR NOTES: CHE	ON DON'T COD TO MOT NEEDED !	88 83   EI   EI	or PID Readings
			or Laboratory Notes
		19 (19 (19 (19 (19 (19 (19 (19 (19 (19 (	Methanol (8260B)  Methanol (8260B)  Methanol (8260B)  Compared to the compared
		(8260 (8260	
RE	CEIPT VERIFICATION REQUESTED	TPH - Gas, Pu TPH - Gas, Pu TPH - Diesel, E BTEX (8260B) MTRE (8260B) MTRE (8260B) TBA (8260B) TAME (8260B) TAME (8260B) 1,2 DCA (8260B)	Methan of the than han of the the than of the the than of the than of the than
USE Field Sample Identification	DATE TIME MATRIX CONT		Wet the left of th
MW-II	4 17/2 1055 W 3	XXX	1 UPD2481 + 10
MW-12	(155	XXX	11
		XXX	1 2
1W-1	U 1125 U V		
[88] [88] Carrell [8]			
50, 550 50, 50			
Sale is		<del></del>	<del></del>
8.50 (4)	<del>-   -   -   -   -   -   -   -   -   -  </del>		
HE ALL		<del>╶╏┈╏┈╏╸╏┈╏┈╏┈╏</del>	<del></del>
[3] [2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	<del></del>	<del></del>	
<b>製力を含む</b> 場合であ		<u></u>	<del></del>
with the second	$A = 1$ 1' $\Box$		
Relinquished by: (Signature)	Received by: (Signab	re)	Dale: Time:
		San el combecus	DIAN 4/17/06 1755
Relinquished by: (Signature)	Received (Signat	22 200	Date: Time:
1 string	asafun for	WHITE	468/01 1540
Relinquisted by: (Signature)	Received by: (Signat	ле)	Date: INDISC Tems:
Lundle		Support to	4/10/06 1/6/
BISTRIZUTION: White with Enal report, Green to File, Yellow agri Fin		100 aug. Revio	ex (19 to c ATCX

## WELL GAUGING DATA

Project # 06050Z-61Zbate 5/Z	Ob Client Shell.
Site 1285 Bancyon	San Ceandio

· -	·	-		Thickness	Volume of				
	Well		Depth to	of	Immiscibles			Survey	
	Size	Sheen /	Immiscible	Immiscible	Removed	Depth to water	Depth to well	Point: TOB	
Well ID	(in.)	Odor		Liquid (ft.)	(ml)	Depth to water (ft.)	bottom (ft.)	of 10C	ļ
			1			26.98		7.	
MW-6	2					26.95	50.23		
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BTS #: 060507-SCZ	Site: 98996067
Sampler: 64	Date: 5/2/66
Well I.D.: MM-6	Well Diameter 2 3 4 6 8
Total Well Depth (TD): 50.23	Depth to Water (DTW): 26.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water	Column x 0.20) + DTW]:
Purge Method: Bailer  Disposable Bailer  Positive Air Displacement Electric Submersible  Other  Gals.) X  = 1	Waterra Sampling Method:  Peristaltic Disposable Bailer Extraction Port Dedicated Tubing Other:    Well Diameter   Multiplier   Well Diameter   Multiplier     1"   0.04   4"   0.65     2"   0.16   6"   1.47     3"   0.31   0.04   0.63     4"   0.63     4"   0.64     4"   0.65     4"   0.65     4"   0.65     4"   0.65     5"   0.16   6"   1.47     6"   0.65     6"   0.16   0     7"   0.04   0     7"   0.04   0     8"   0.16   0     9"   0.16
1 Case Volume Specified Volumes Calculated Volumes Cond.	Turbidity
Time Temp (°F) pH (mS o (µS)	(NTUs) Gals. Removed Qbservations
1209 12687 249	468 3.7 Och
1310 7386.76 895	429 7.4
1215 749666 872	382 11.1
removed by	ken stinger
Did well dewater? Yes No	Gallons actually evacuated: [ [.
Sampling Date: 5/2/06 Sampling Tim	ne:  370 Depth to Water: 27.8
Sample I.D.: MW-6	Laboratory: STL Other
Analyzed for: TPH-C BTEX MTBE TPH-D	Other:
EB I.D. (if applicable):	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
D.O. (if req'd): Pre-purge 0.26	mg/L Post-purge 0.31 mg/L
ORP (if rea'd): Pre-purge:	mV Post-purge: mV

## WELL GAUGING DATA

Project # 260417-561 Date 4/	17/06	Client Shell
------------------------------	-------	--------------

Site 1885 Bancraft Sancando

Well ID	Well Size (in.)	Sheen / Odor		Thickness of Immiscible Liquid (ft.)		Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
mw-1	4	· · · · · · · · · · · · · · · · · · ·		··		28.44	59.11		
MW-Z	4	<u> </u>				28.41	58.98		
Mw.3	4					28.87	57.56		
MW-4	4			, 	T	79.68	55.04		
MW-5	•	5	inger	in we	11	28.47	49.57		
MW-6	Z		inger		1 .	27.09	50.19		
MW-7	Z		0			28.00	50.34		:
mw-8	Z			*		27.48	6033		
MW-9	4	,	· · <u></u> -			28.06	49.37		
MW-10	2				6	26.82	3905	<u> </u>	
Mw-11	2					76.16	44.49		
MW-12	2					2806	44.91		
1W-1	h .			,		25.58		U	
		_							
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011222 1122	<del></del>						
BTS #: 060417 -SU	Site:	1899606	67				
Sampler: 4	Date:	4/17/06	1. 				
Well I.D.: <b>MW-1</b>	Well Di	Well Diameter: 2 3 4 6 8					
Total Well Depth (TD): 59:11	Depth t	o Water (DTW	): 28:4	4.			
Depth to Free Product:	Thickno	Thickness of Free Product (feet):					
Referenced to: PVC Grad	e D.O. M	eter (if req'd):	<u> </u>	SI HACH			
DTW with 80% Recharge [(Height of	Water Column	$\times$ 0.20) + DTV	v]: <b>34.</b>	<i>57</i> ·			
Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Oth	Waterra Peristaltic Extraction Pump her	Samplir	ng Method: Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing			
		Well Diameter Multipli					
$\frac{199}{1 \text{ Case Volume}} \text{ (Gals.) X } \frac{3}{\text{Specified Volumes}} = \frac{5}{\text{Calcute}}$	7.7 Gals.	1" 0.04 2" 0.16 3" 0.37	4" 6" Other	0.65 1.47 radius <sup>2</sup> * 0.163			
Con		idity Cala P	Removed	Observations			
Time Temp (°F) pH (mS of	27 U.	TUs) Gals. R	7	Observations			
1241 61 - 1666 52	41 X	39	8	<u></u>			
1211-16-66	31 2	57.	7				
1849 60.5 0.07 57	·(	780	-				
			-				
Did well dewater? Yes No	I Gallon	actually evacu	nated: 5	7.7			
	ng Time: <b>13</b>	O Depth	to Water:	28.44			
Sample I.D.: MW-1	Labora		Other				
	TPH-D Other:						
EB I.D. (if applicable):	ne Duplic	ate I.D. (if appl	icable):				
	TPH-D Other:						
	61 mg/L	Post-purg		3.43 mg/			
O. D. D. (if roald): Pro purge:	mV	Post-pure	re'	mV			

BTS#: 060417-54	Site: 98996067
Sampler: 5'L	Date: 4/17/06
Well I.D.: MW-2_	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 58.48	Depth to Water (DTW): 29.41
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 Wa	ater Column x 0.20) + DTW]: 34.52
Purge Method: Bailer Disposable Bailer	Waterra Sampling Method: Bailer Peristaltic Disposable Bailer Extraction Pump Extraction Port
•	Well Diameter Multiplier Well Diameter Multiplice
$\frac{199}{1 \text{ Case Volume}} \text{(Gals.) X } \frac{3}{\text{Specified Volumes}} = \frac{69}{\text{Calculates}}$	1" 0.04 4" 0.65 2" 0.16 6" 1.47 3" 0.37 Other radius <sup>2</sup> + 0.163
Cond.	Turbidity (NTUs) Gals. Removed Observations
Time Temp (°F) pH (mS of m)	(NTUs) Gals. Removed Observations
1476 66.0 6.10 546	1 290
1959 65.4 6.61 54	4 297
1507 07.5 MD 301	
Did well dewater? Yes	Gallons actually evacuated: 59.7
Sampling Date: 4 17/06 Sampling	
Sample I.D.: MW-Z	Laboratory: STL Other TA
Analyzed for: PH BTEX MTBE TPH	H-D Other:
EB I.D. (if applicable):  @ Time	Duplicate I.D. (if applicable):
	H-D Other:
D.O. (if req'd): Pre-purge: 3.9	6 mg/L Post-purge: Z.43 mg/
O.R.P. (if req'd): Pre-purge:	mV Post-purge: m\

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BTS #: <i>06</i>	<u> 0417 -</u>	911		Site: 9	6716	<i>2</i> 67_			
Sampler: 5	<u>;</u>			Date: 4	117/	06		1	
Well I.D.:	MW-3	,		Well Dia	ımeter:	2 3	<b>4</b>	6 8	
Total Well I			56	Depth to Water (DTW): 28.87					
Depth to Fro	ee Product:	,		Thickness of Free Product (feet):					
Referenced		(NO	Grade	D.O. Me	ter (if r	:eq'd):		rs) насн	
DTW with 8	30% Recha	irge [(He	eight of Water	Column	x 0.20)	+ DTW]:	34	61	
Purge Method:	Bailer Disposable Ba Positive Air D Electric Subm	Displacemen		Waterra Peristaltic etion Pump		Sampling M	Other:	Dailer Disposable Bailer Extraction Port Dedicated Tubing	
18.6	Gals.) X	3 fied Volum	es Calculated Vo	Gals.	/ell Diameter  1"  2"  3"	n Multiplier 0.04 0.16 0.37	Well Di 4° 6" Other	iameter Multiplier 0.65 1.47 radius <sup>2</sup> + 0.163	
Time	Temp (°F)	рН	(mS or (uS)	Turbi (NT	- 1	Gals. Ren	noved	Observations	
1525	63.2	6.71	536	T	<u> </u>	18.6	2		
1529	14.2	665	537	7	2_	37.7		Sight Odar	
1533	64.2	6.78	547	2	2_	55.8	5	<i></i>	
				<u> </u>			<del></del> .		
							<u>_</u>	*	
Did well de	ewater?	Yes (	N)	Gallons	actuall	ly evacuat	ed: 5	5.8	
Sampling I	Date: 4 [	7/06	Sampling Tim	ne: 152	0_	Depth to	Water	r: 28.88	
Sample I.D	4.4			Laborat	ory:	STL O	ther	TA	
Analyzed f	for: PHG	BTEX	МТВ» ТРН-D	Other:	<u> </u>		<del></del>		
EB I.D. (if	applicable	;):	@ Time	Duplica	ate I.D.	(if applic	able):		
Analyzed f	for: TPH-G	BTEX	MTBE TPH-D	Other:			<del></del> -	mg.	
D.O. (if re	q'd): P	e-purge:	2.35	<sup>mg</sup> / <sub>L</sub>	J	Post-purge:		Z.60 mg/1	
ORP (if	reald). E	Pre-nurge:		mV	J	Post-purge:		mV	

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BTS #: <b>Q6</b>	0417-	SU		Site: <b>9394</b>	6067	
Sampler: S	•			Date: 4/17	106	
Well I.D.:				Well Diameter:	2 3 🐴	6 8
Total Well		):55.	04	Depth to Water	r (DTW): <b>79</b> .	68
Depth to Fr				Thickness of F	ree Product (fee	t):
Referenced		PVO	Grade	D.O. Meter (if	req'd):	YS HACH
DTW with	80% Rech	arge [(He	eight of Water	Column x 0.20	) + DTW]: <b>3</b> 4	1.75
Purge Method:	Bailer Disposable B Positive Air I Electric Subn	Bailer Displacemen		Waterra Peristaltic ction Pump	Sampling Method: Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing
		· <u></u>		Well Diamete		tiameter Multiplier 0.65
16.5 (		3 rified Volume	es Calculated Vo	Gals.	0.04 4" 0.16 6" 0.37 Other	1.47 radius <sup>2</sup> * 0.163
	T	T	Cond.	Turbidity		
Time	Temp (°F)	pН	(mS or us)	(NTUs)	Gals. Removed	Observations
1409	69:2	6.45	610	7	16.5	
1412	68.4	6.70	628	10	33.0	
1415	68.1	659	633	10	49.5	
			ware to the			<u></u>
			·	<u> </u>		
Did well de	ewater?	Yes Z	No	Gallons actual	ly evacuated:	14.5
Sampling I	Date: 4	17/06	Sampling Tim	ne: 1420	Depth to Water	: 30.59
Sample I.D	).: MW.	-4		Laboratory:	STL Other	rA
Analyzed f			MTBP TPH-D	Other:		·
EB I.D. (if	applicable	<del>====</del>	@ Time	Duplicate I.D.	(if applicable):	
Analyzed f	for: TPH-G	BTEX	MTBE TPH-D	Other:		
D.O. (if red	q'd): 7	re-purge:	1.09	nig/L	ost-purge:	1.54 mg/1
ORP (if	······································	Pre-purge		mV .	Post-purge:	mV

### WELL MONITORING DATA SHEET

		<u> </u>	4 101010 141C	MITOMIN	ODAIA	DILLIE I				
Project #:	06041	7-50	41	Client: Shell 98996067						
Sampler:	SL			Start Date:	4/17/	06				
Well I.D.:	MW-S	-1		Well Diam	• •	3 4	6 8			
	ll Depth:		7	Depth to V	Vater	Pre: <i>2</i> 8	.47 Post:	29.51		
Depth to	Free Produ	ıct:			hickness of Free Product (feet):					
Reference	ed to:	FVD	Grade	Flow Cell	<b>Type: 8</b> (	<u> 2% →</u>	32.69			
Purge Method: 2" Grundfos Pump Select State Peristaltic Pump New Tubing New Tubing Pump Depth:										
Time	Temp.	pН	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations		
1618	65.7	6.49	809	56	-	-	13.7	Bdox		
1621	67.0	6.51	817	8		-	27.4			
1623	67.1	6.54	817	7		•— `	41.1			
	,									
, ,	re	moved	Stiva	er-o	purae	75	imple			
			U							
							•			
	7.0.	TORE	purge	-0.78	D	ost-	0.58			
	·		' 0							
								,		
Did well	dewater?	Yes (	No)		Amount	actually e	evacuated: 4	.		
Sampling	g Time: /	630			Sampling	ع Date: ۷	117/06			
Sample I	.D.: <b>M</b> V	v-5			Laborato	ry: TA	•			
Analyzed		(Fig. 1)	etex) (AT	BE TPH-D		Other:				
Equipme	nt Blank I	.D.:	@ Time		Duplicat	e I.D.:				

#### WELL MONITORING DATA SHEET

			V HOLDED IVAC	MAT OTAL		-					
Project #:	06041	7-50	1	Client: Swell 98996067							
Sampler:	SL			Start Date:	4/17/	06	· · · · · · · · · · · · · · · · · · ·				
Well I.D.:	MW-L	, 2		Well Diam	eter: 💋	3 4	6 8	<del></del>			
	ll Depth:	_		Depth to W	epth to Water Pre: 27.09 Post:						
Depth to	Free Produ	ict:		Thickness	hickness of Free Product (feet):						
Reference	ed to:	PVC	Grade	Flow Cell	Tow Cell Type: 80% -> 31.71						
Purge Metho Sampling M Flow Rate:		2" Grundfo Dedicated	-	- 11.1 <sub>5</sub> 21	Peristaltic Pump  New Tubing  Other  Pump Depth:						
Time	Temp.	pН	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations			
		•									
	unak	DIP: -	3 SA	mpe	due	40					
	brok	en c	zina	er in	we	11					
- · · · -			U								
			•		. ,,						
		1	<del></del>			_					
		<del>                                     </del>						.,.			
	<u> </u>	<del> </del>	_	<del> </del>				<del> </del>			
<del></del>	<u> </u>	<u> </u>		<del> </del>		<u> </u>					
Did well	dewater?	Yes	No	<u> </u>	Amount	actually	evacuated:				
Samplin	$\overline{}$	•			Samplin	g Rate:					
Sample 1	<del></del>		·—		Laborato		<del>-</del>				
Analyze	<del></del>	TPH-G	BTEX M	TPH-D	Other:						
<del> </del>	ent Blank I	<del>\                                    </del>	@ Time		Duplicat	te I.D.:					
1 ^ ^ .								<del></del>			

BTS#: 众	50417	-51	1	Site: <b>989</b>	96062				
Sampler:	らし			Date: 4/17	7/06				
Well I.D.:	Mw-7			Well Diameter 2 3 4 6 8					
Total Well		•	34	Depth to Water (DTW): 2800					
Depth to Fr	ee Product	:		Thickness of Free Product (feet):					
Referenced	to:	PVO	Grade	D.O. Meter (if	req'd):	ÝS HACH			
DTW with	80% Recha	arge [(He	eight of Water	Column x 0.20	) + DTW]: 🕱	2.47			
Purge Method	Disposable B Positive Air I Electric Subm	Displacemen	t Extrac Other	Waterra Peristaltic tion Pump  Gals. Gals. Slume	Other:	Disposable Bailer Extraction Port Dedicated Tubing  Diameter Multiplier. 0.65 1.47 radius² * 0.163			
Time	Temp (°F)	pН	Cond. (mS or uS)	Turbidity (NTUs)	Gals. Removed	Observations			
IZIO	47.0	650	586	7/000	3.6	Brown			
1215	669	648	590.	21000	7.Z				
1770	616	6.47	574	71000	10.8				
Did well de	aveter?	Yes	No	Gallons actual	ly evacuated:	<i>⇔</i> 8′			
Sampling I	.1	. 1	Sampling Tim			r: 28.02			
Sample I.D				Laboratory:	STL Other	TA			
Analyzed f			MTB2 TPH-D	Other:					
EB I.D. (if			@ Time		(if applicable):				
Analyzed f			MTBE TPH-D	Other:					
D.O. (if red	q'd): (P	re-purge:	3.11	mg/L	Post-purge.	3.69 mg/L			
O.R.P. (if	req'd): P	re-purge:		mV	Post-purge:	mV			

BTS#: 🟉	6041	7-56	-1	Site: 98	<del>39</del> 9	<u> 1606 </u>	<u> </u>		_
Sampler:				Date: 4	F/T	7/06			
Well I.D.:				Well Dian	neter:	<u> </u>	4	6 8	
Total Well			3	Depth to V	Water	(DTW):	<u>27.</u>	48	
Depth to Fr	ree Product	L:		Thickness	of Fr	ee Product	i (feet)	):	
Referenced	to:	PVC	Grade	D.O. Mete	er (if r	eq'd):	Y	YS HACH	
DTW with	80% Rech	arge [(Hei	ight of Water	Column x	0.20)	+ DTW]:	3	2.05	
Purge Method:			`\.	Waterra		Sampling Mo		Bailer	
1 WID	Disposable B	ailer		Peristaltic				Disposable Bailer	ſ
	Positive Air I	•		tion Pump				Extraction Port	
	Electric Subm	nersible	Other	<del></del>		1	Other:	Dedicated Tubing	ţ
			11.1	(Wei	l Diameter		Well Die	ismeter Multiplier	==
		<del></del>	1/2	<del></del> :	<u>l Diameter</u> I"	r <u>Multiplier</u> 0.04	4"	0.65	
3.7	(Gals.) X	3	= 18 H	Crais. II	2"	0.16	6**	1.47 radius <sup>2</sup> * 0.163	
1 Case Volume		ified Volumes	Calculated Vo	II ,	3"	0.37	Other	radius * 0.103	
	<del></del>	T	Cond.	Turbidi	itv				
Time	Temp (°F)	Hq	(mS or as)	(NTUs	- 1	Gals. Remo	oved	Observations	
1200	168	L.32	-514	7100	20	3.7	$\Box$	Brown	
1205	67.0	167	498	7100	20	7.4			
12/10	66.5	1668	493	>100	20	70.1	11	.1	
		6.70				180		<u> </u>	
	<del></del>			ļ				er)	<del></del>
Did well de	ewater?	Yes N	(b)	Gallons a	ctuall	y evacuate	:d:	KIII.	
Sampling I	Date: 4/	17 66°S	Sampling Time	e: 1315	, •	Depth to	Water	77.50	
	D.: Mw	• [		Laborator	 ry:	STL Oth	er_T	<u> </u>	
Analyzed f		، خصہ	мтве трн-d	Other:					
	f applicable		@ Time	Duplicate	• I.D.	(if applical	ble):		
Analyzed 1			мтве трн-D	Other:					
D.O. (if red	q'd): /	re-purge	2.65	mg/L		ost-purge:		3.31	<sup>mg</sup> /L
O.R.P. (if	rea'd): F	Pre-purge:		mV	P	Post-purge:		I	mV

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	<del></del>						
BTS#:060417-SCI	Site: 9899	6067					
Sampler: 50	Date: 4/17	Date: 4/17/06					
Well I.D.: MW 4	Well Diameter: 2 3 (4) 6 8						
Total Well Depth (TD): 49.37	Depth to Water	r (DTW): <b>Z</b> 8	.06				
Depth to Free Product:	Thickness of F	Thickness of Free Product (feet):					
Referenced to: PVO Grade	D.O. Meter (if	req'd):	YSI HACH				
DTW with 80% Recharge [(Height of Wate	r Column x 0.20	) + DTW]: <b>32</b>	.32				
Purge Method: Bailer Disposable Bailer	Waterra Peristaltic action Pump	Sampling Method:  Other:	Disposable Bailer Extraction Port Dedicated Tubing				
	Well Diamete	er Multiplier Well D 0.04 4"	Diameter Multiplier. 0.65				
$\frac{13.9 \cdot \text{(Gals.) X}}{1 \cdot \text{Case Volume}} = \frac{41.7}{\text{Calculated Volumes}}$	Gals. 2"	0.14 4° 0.16 6° 0.37 Other	1.47				
Time Temp (°F) pH (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations				
1552 643 659 532	226	13.9					
1556 64.9 6.63 544	85	278					
1558 65.1 6.71 564	56	41.7					
			14				
Did well dewater? Yes	Gallons actual	ly evacuated: 4	+1.7				
Sampling Date: 4/7/06 Sampling Time	me: 1605	Depth to Water	r: 32.21				
Sample I.D.: MW-9	Laboratory:	STL Other_	<u> </u>				
Analyzed for: TPH-O TEX MIBE TPH-D	Other:						
EB I.D. (if applicable):	Duplicate I.D.	(if applicable):					
Analyzed for: TPH-G BTEX MTBE TPH-D							
D.O. (if req'd): Pre-purge: 1.30	mg/L	Post-purge:	2.72 mg/				
O.R.P. (if reg'd): Pre-purge:	mV 1	Post-purge:	m∇				

BTS #: 0604	17-SL1		Site: 9	899	6067		
Sampler: SL	,		Date:	4/17	106		
Well I.D.: MW	-10		Well Diameter: 2 3 4 6 8				
Total Well Deptl	(TD): <b>39</b> .	05	Depth to Water (DTW): 26.82				
Depth to Free Pro	oduct:		Thickness of Free Product (feet):				
Referenced to:	evo	Grade	D.O. Meter (if req'd): YSD HACH				
DTW with 80%	Recharge [(H	eight of Water	Column	x 0.20)	+DTW]: Z	1.27	
Purge Method: Pailer  Disposable Bailer  Positive Air Displacement  Electric Submersible  Other  Waterra  Peristaltic  Peristaltic  Extraction Pump  Extraction Pump  Other:  Well Diameter Multiplier Well Diameter Multiplier							
Z.O <sub>(Gals.)</sub> X	Specified Volum	= 6.0 Calculated Vo	_ Gals.	1!! 2" 3"	0.04 - 4," 0.16 6" 0.37 Other	, 0.65 1.47 radius <sup>2</sup> * 0.163	
Time Tem	o (°F) pH	(mS or (S)	1	idity 'Us)	Gals. Removed	Observations	
0955 62	.2 6.39	699	1	2	70		
1000 64.	5 6.43	641	7	75	4.0		
1005 63	9 6.45	633	7	74	60		
				· · ·			
Did well dewate	r? Yes	<b>®</b>	Gallons	actuall	y evacuated: 6	Ó	
Sampling Date:	4/17/06	Sampling Tim	e: 101	3	Depth to Water	26.82	
Sample I.D.: M	W-10		Labora	tory:	STL Other	TA	
	TPH-G BTEX	MTRE TPH-D	Other:				
EB I.D. (if appli	cable):	@ Time	Duplica	ate I.D.	(if applicable):		
Analyzed for:		MTRE TPH-D	Other:				
D.O. (if req'd):	Pre-purge:	0.68	mg/L	P	st-purge	1.26 mg/L	
O.R.P. (if req'd):	Pre-purge:		mV	P	ost-purge:	mV	

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				<del></del>	<del> </del>				
BTS #: 0600	417-	SUL		Site: <b>98</b> 9	196067				
Sampler: SU				Date: 4/1	7/06				
Well I.D.: M	W-11			Well Diamet	ell Diameter 3 4 6 8				
Total Well De		: 44.4	19	Depth to Wa	iter (DTW): Z	6.16			
Depth to Free				Thickness of	Free Product (	feet):			
Referenced to:		PVO	Grade	D.O. Meter	(if req'd):	YS) HACH			
DTW with 809	% Recha	rge [(He	ight of Water	Column x 0.	20) + DTW]:	2982			
Po	sposable Ba	isplacement	Extrac Other	Waterra Peristaltic etion Pump	Sampling Meth Oth	od:  Disposable Bailer Extraction Port Dedicated Tubing			
2.9 (Gals	s.) X Specif	3 ied Volume	= 8.7 Calculated V	Gals. Olume Well Dir	0.04 4 0.16 6	Vell Diameter         Multiplier           1"         0.65           3"         1.47           Other         radius <sup>2</sup> * 0.163			
Time T	emp (°F)	рН	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Remov	ed Observations			
1040	54.4	6.65	495	465	7.9				
1045	4.9	6.55	483	71000	5.8	Brown			
1050 G	5.4	6.51	478	71000	8.7				
						<u> </u>			
Did well dew	ater?	Yes C	M)	Gallons act	ually evacuated	8.7			
Sampling Dat	e:411	106	Sampling Tin	ne: 1655	Depth to W	ater: 26.4/			
Sample I.D.:				Laboratory	STL Other	TA			
Analyzed for:			MTRE TPH-D	Other:3		<u> </u>			
EB I.D. (if ap	plicable	<del></del> ):	@ . Time	Duplicate I	.D. (if applicabl	e):			
Analyzed for			МТВЕ ТРН-D	Other:	,				
D.O. (if req'd	): / <u>*</u>	re-purge:	4.15	mg/L	Pest-parge:	5.06			
ORP (if rec	(4). p	re-nurge		mV	Post-purge:	r			

			. ,, 22231,201						
BTS #: <i>6</i>	50417	-5L	1	Site: 98996067					
Sampler:	5L			Date: 4/17/06					
Well I.D.:	uw - 1	2		Well Diameter: 2 3 4 6 8					
Total Well			91	Depth to	Water	(DTW):	Z0.	.06	
Depth to Fr	ee Product			Thickne	ss of Fi	ee Produc	ct (feet	):	
Referenced	to:	(PVC)	Grade	D.O. M	eter (if	req'd):	C	YSD HACH	
DTW with	80% Recha	arge [(He	eight of Water	Column	x 0.20)	+ DTW]	31	43	
Purge Method:)	Bailer Disposable Be Positive Air I Electric Subm	Displacemen				Sampling N	fethod:	Disposable Bai Extraction Po Dedicated Tub	rt
Z.7 1 Case Volume	Gals.) X	3 fied Volume	es = Calculated Vo	_ Gals.	Vell Diamete l" 2" 3"	0.04 0.16 0.37	Well Di 4" 6" Other	iameter Multiplier 0.65 1.47 radius <sup>2</sup> * 0.16	53
Time	Temp (°F)	рН	Cond. (mS or µS)	Turb (NT	_	Gals, Ren	noved	Observation	ne
// UZ	147	6,57	467.	10	<u> </u>	7.7	7		140
1142	455	657	419	710	50	54		Brown	1
150	66.1	6.52	481	<del> </del>	700	8.1			•
1170	100				<u> </u>			<del></del>	•
				_					
Did well de	water?	Yes (	No)	Gallons	actuall	y evacuat	ed: 🚫	7.1	
Sampling I	Date: 4/	17/06	Sampling Tim		- 4			: 28.06	
Sample I.D	<del></del>	<del></del>		Laborat	-		her	TA	
Analyzed f		STEX (	MTBE TPH-D	Other:					
EB I.D. (if	applicable	):	@ Time	Duplica	ate I.D.	(if applica	ıble):		
Analyzed f	or: TPH-G	BTEX	MTBE TPH-D	Other:					
D.O. (if red	q'd): 🗡	re-purge:	6.09	mg/ <sub>L</sub>	Ģ	ost-purge:	)	5.41	ing/
O.R.P. (if t	euiq). P	re-purge:	1	mV	F	ost-purge:		<u> </u>	mV

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				<del></del>					
BTS #: 06	Site: 98996067								
Sampler: <b>L</b>				Date: 4/17/06					
Well I.D.:   W -				Well Diameter: 2 3 4 6 8					
Total Well D	Depth to Water (DTW): <b>Z5.58</b>								
Depth to Fre	Thickness of Free Product (feet):								
Referenced to: PVC Grad				D.O. Meter (if req'd): YSI HACH					
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:									
	Bailer Disposable Ba Positive Air D Electric Subm	isplacemer	extrac Other SP	<b>J</b>	Vell Diamete	r Multiplier	COther:	Disposable B Extraction I Dedicated To	ort
Case Volume	als.) XSpeci	fied Volum	es <u>Calculated Vo</u>	_ Gals.	1" 2" 3"	0.04 0.16 0.37	4" 6" Other	0.65 1.47 radius <sup>2</sup> * 0.	163
Time	Temp (°F)	рН	Cond. (mS or µS)	Turb (NT	-	Gals. Ren	noved	DTW Observati 2959	) ons
1/20.				1	,		-	2958	•
1125	63.3	6.78	524	1	6	-		29.58	<del></del>
ran epicket 15 min prior to gampling									
Did well dev	Gallons actually evacuated:								
Sampling Date: 4/17/06 Sampling Time: 1/25 Depth to Water: 29.58									
Sample I.D.	Laborat		STL Ot	her	TA				
Analyzed fo	Other:								
EB I.D. (if a	Duplicate I.D. (if applicable):								
Analyzed for: TPH-G BTEX MTBE TPH-D Other:									
D.O. (if req'd): Pre-purge 5.00				mg/L	(P	ost-purge.	,	5.17	<sup>mg</sup> /L
O.R.P. (if re		mV	Post-purge:				mV		

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D.O. reading Laken Com CCP