

Denis L. Brown

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

Re: Former Shell Service Station 4255 MacArthur Blvd. Oakland, California SAP Code 135701 Incident No. 98995758 ACHCSA Case No: RO-0486 **RECEIVED** By dehloptoxic at 9:05 am, Aug 15, 2006

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

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown Project Manager

#### August 14, 2006

### CAMBRIA

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

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

Former Shell Service Station 4255 MacArthur Boulevard Oakland, California Incident #98995758 SAP Code 135701 Cambria Project #248-0524-002 RO0000486

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.

#### HYDROCARBON REMOVAL SUMMARY

*Groundwater Extraction (GWE):* Monthly GWE using a vacuum truck was conducted intermittently at the site from April 1999 until September 2003. Mobile GWE vacuum operations consist of lowering dedicated stingers into selected monitoring wells and extracting fluids using a vacuum truck. The volume of extracted fluid is recorded and used to calculate the quantity of aqueous-phase hydrocarbon removed from the subsurface. GWE was discontinued at the site after September 2003 due to low pumping volumes. Separate phase hydrocarbons were encountered in monitoring well MW-2 during the fourth quarter 2005 groundwater sampling event. As a result, Shell requested a resumption of monthly GWE from monitoring wells MW-2 and MW-3. To date, an estimated 15.6 pounds of liquid-phase hydrocarbons and 26.9 pounds of liquid-phase methyl tertiary-butyl ether (MTBE) have been removed from the site. Table 1 presents mobile GWE mass removal data.

Cambria Environmental Technology, Inc.

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



### CAMBRIA

*Dual Phase Vapor Extraction (DVE):* DVE is the process of applying high vacuum through an airtight well seal to simultaneously extract soil vapors from the vadose zone and enhance GWE from the saturated zone. For mobile DVE, a vacuum truck is used to create the vacuum and contain extracted fluids. Mobile DVE augmented hydrocarbon removal efforts from November 2000 to June 2001, from April 2002 through September 2003, and from July 2003 through September 2003. DVE was discontinued after September 2003 due to decreased mass removal. To date, the system has removed an estimated 26.4 pounds of vapor-phase hydrocarbons.



Separate Phase Hydrocarbons (SPH): SPH were observed periodically in wells MW-2 and MW-3 between 1994 and 1997. During that time, manual bailing removed an estimated total of 21.8 pounds of SPH from monitoring wells. SPH were observed in well MW-3 in the third quarter of 2002. During the fourth quarter of 2003, the first and third quarters of 2004, and the third quarter 2005, SPH were observed in wells MW-2 and MW-3. During the fourth quarter 2005 event, SPH were observed in MW-2.

The table below summarizes the aqueous-, separate-, and vapor-phase hydrocarbon removal data for the site.

Mass Removal	Cumulative MTBE	Cumulative Hydrocarbons
·	(lbs)	(lbs)
Aqueous-Phase	26.8	15.3
Vapor-Phase	0.3	26.4
Separate-Phase	0.0	21.8
Total	27.1	63.3

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

*Groundwater Monitoring:* Blaine Tech Services, Inc. (Blaine) of San Jose, gauged and sampled the site wells, calculated groundwater elevations, and compiled the gasoline constituents analytical data. 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.

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*Joint Groundwater Sampling:* Cambria coordinated joint groundwater sampling with the adjacent 76 service station #1156, located at the corner of High Street and MacArthur Boulevard, and used the coordinated sampling data to determine the groundwater elevation contours shown on Figure 2. Attachment B presents the 76 groundwater monitoring data and analytical results tables.

*Monitoring Well Installations:* ACHCSA approved Cambria's March 24, 2006 *Well Installation Work Plan* in an April 6, 2006 letter to Shell. The wells were installed during second quarter 2006. The proposed locations of the wells are included on Figure 2.

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

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

*Joint Groundwater Sampling:* Cambria will continue to coordinate joint sampling with the adjacent 76 site and use the coordinated sampling data to determine groundwater elevation contours.

*Monitoring Well Installation Report:* A report of findings from the well installation activities will be prepared and submitted to ACHCSA by September 15, 2006. Data from the new wells will be included with the third quarter 2006 monitoring report.

### CAMBRIA

Jerry Wickham August 14, 2006

#### CLOSING

We appreciate the opportunity to work with you on this project. Please note that there is a new Cambria Project Manager. If you have any questions, please contact Ana Friel at (707) 268-3812 or <u>afriel@cambria-env.com</u>. Correspondence to Cambria should be directed to 270 Perkins Street, Sonoma, CA 95476.



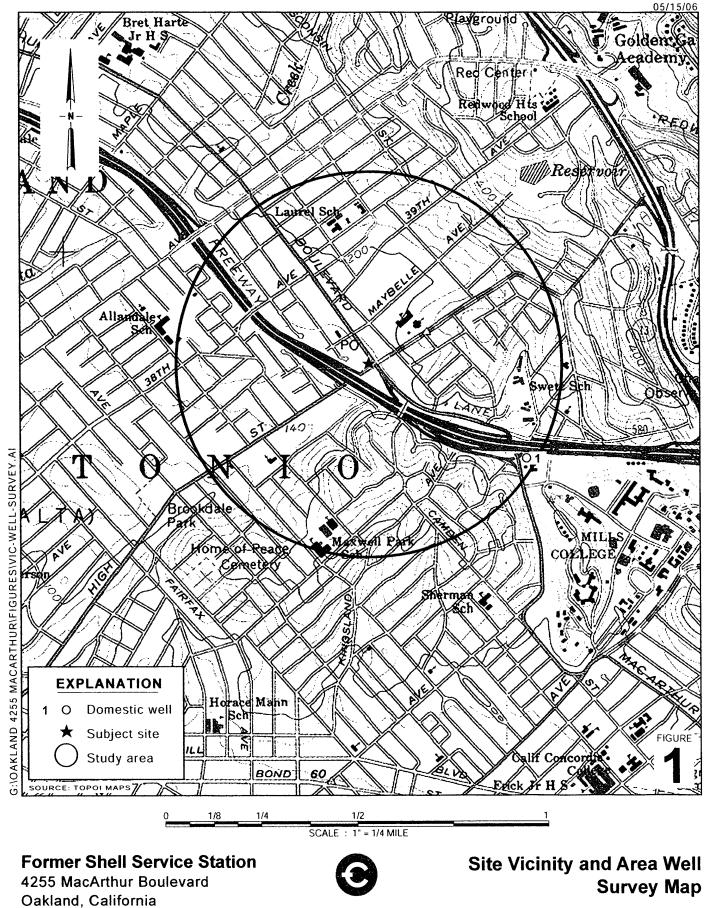
Sincerely, Cambria Environmental Technology, Inc.

y K Cool

Ana Friel, P.G. Associate Geologist

- No. 7659
- Figures: 1 Site Vicinity and Area Well Survey Map 2 - Groundwater Elevation Contour Map
- Table:
   1 Groundwater Extraction Mass Removal Data
- Attachments: A Blaine Groundwater Monitoring Report and Field Notes
   B 76 Service Station #1156 Groundwater Monitoring Data and Analytical Results
- cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810 Roland C. Malone, Jr., PO Box 2744, Castro Valley, CA 94546
   Kenneth Williams, MacArthur/High Trailer Park, c/o Bookkeeping, 332 Peyton Dr., Hayward, CA 94544
   Thomas H. Kosel, ConocoPhillips Company, 76 Broadway, Sacramento, CA 95818

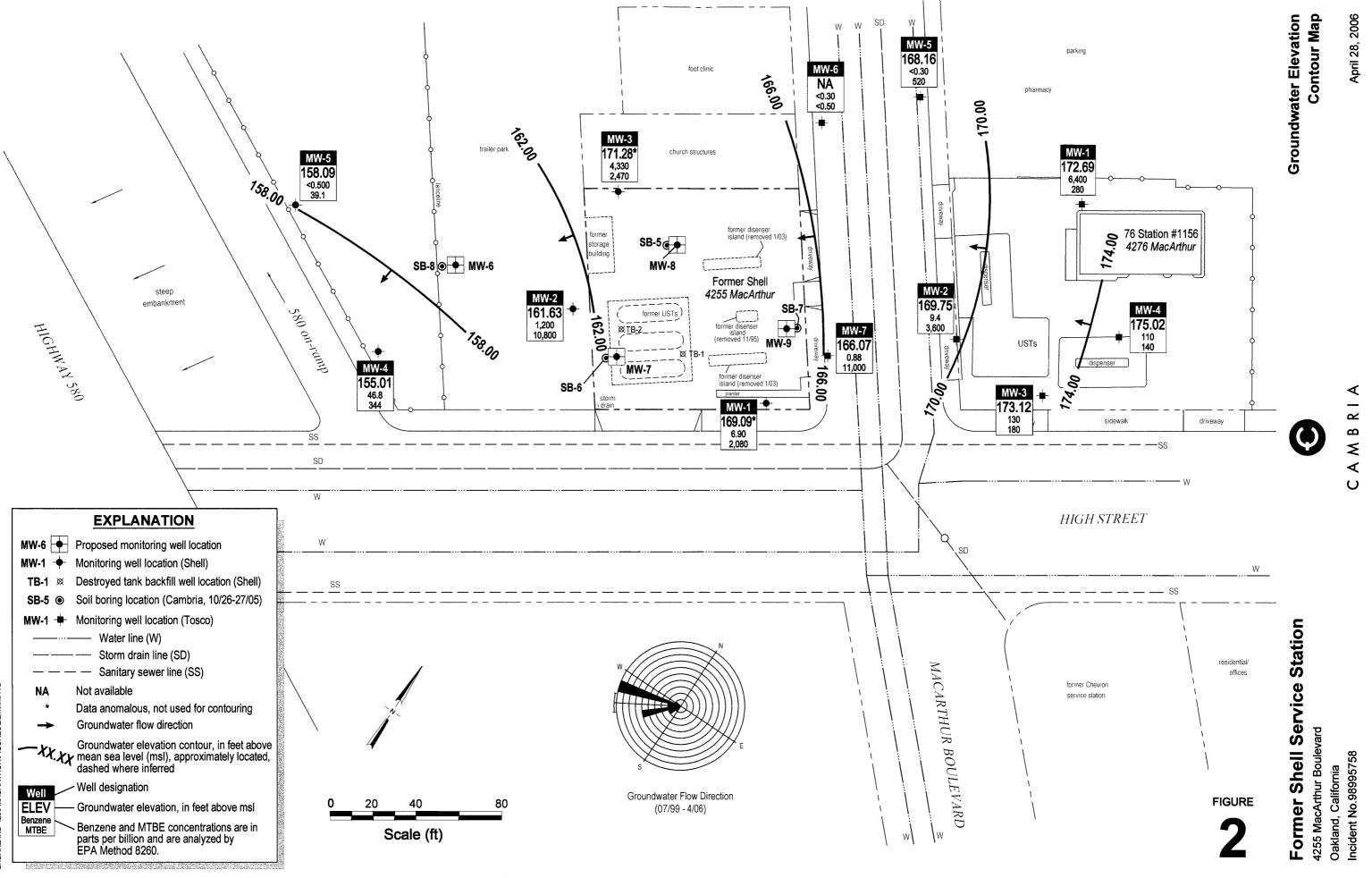
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Incident No.98995758

CAMBRIA

(1/2 Mile Radius)



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### ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes BLAINE

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 4255 MacArthur Boulevard Oakland, CA

Monitoring performed on March 16 and April 28, 2006

Groundwater Monitoring Report 060428-PC-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.

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/ks

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

	Data		B	т	E	v	MTBE	MTBE	DIDE	стре	таме	тра	Ethonol	TOC	Depth to	Depth	GW	SPH	DO	ORP
Well ID	Date		B (ug/L)	l (ug/L)	E (ug/L)	<b>X</b> (ug/L)	8020	8260		ETBE		TBA (ug/L)	Ethanol	(MSL)	Water (ft.)	to SPH	Elevation (MSL)	Thickness (ft.)		
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)		(11.)	(ft.)		(11.)	(ppm)	(mV)
						1											r		1	
MW-1	11/17/1993	410	21	11	7.9	47	NA	NA	NA	NA	NA	NA	NA	175.79	8.59	NA	167.20	NA	NA	NA
MW-1	01/20/1994	1,200	180	19	48	47	NA	NA	NA	NA	NA	NA	NA	175.79	8.22	NA	167.57	NA	NA	NA
MW-1	04/25/1994	3,100	610	<10	130	27	NA	NA	NA	NA	NA	NA	NA	175.79	7.63	NA	168.16	NA	NA	NA
MW-1	07/07/1994	2,400	1,000	10	250	20	NA	NA	NA	NA	NA	NA	NA	175.79	8.31	NA	167.48	NA	NA	NA
MW-1	10/27/1994	2,200	500	3.1	72	1.8	NA	NA	NA	NA	NA	NA	NA	175.79	8.84	NA	166.95	NA	NA	NA
MW-1	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175.79	7.60	NA	168.19	NA	NA	NA
MW-1	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175.79	7.56	NA	168.23	NA	NA	NA
MW-1	01/13/1995	570	75	2.5	6.7	11	NA	NA	NA	NA	NA	NA	NA	175.79	7.11	NA	168.68	NA	NA	NA
MW-1	04/12/1995	1,800	480	<5.0	79	<5.0	NA	NA	NA	NA	NA	NA	NA	175.79	7.08	NA	168.71	NA	NA	NA
MW-1	07/25/1995	120	15	1.1	2.1	2.9	NA	NA	NA	NA	NA	NA	NA	175.79	7.73	NA	168.06	NA	NA	NA
MW-1 (D)	07/25/1995	300	88	2.4	11	6.5	NA	NA	NA	NA	NA	NA	NA	175.79	7.73	NA	168.06	NA	NA	NA
MW-1	10/18/1995	130	9.5	0.8	1.3	1.7	NA	NA	NA	NA	NA	NA	NA	175.79	8.42	NA	167.37	NA	NA	NA
MW-1 (D)	10/18/1995	120	11	0.8	1.4	1.8	NA	NA	NA	NA	NA	NA	NA	175.79	8.42	NA	167.37	NA	NA	NA
MW-1	01/17/1996	250	22	0.9	1.6	2.3	NA	NA	NA	NA	NA	NA	NA	175.79	7.83	NA	167.96	NA	NA	NA
MW-1	04/25/1996	<50	4.6	<0.5	<0.5	0.6	500b	NA	NA	NA	NA	NA	NA	175.79	7.35	NA	168.44	NA	NA	NA
MW-1	07/17/1996	<250	15	<2.5	<2.5	<2.5	540	NA	NA	NA	NA	NA	NA	175.79	7.70	NA	168.09	NA	NA	NA
MW-1	10/01/1996	1,200	500	12	57	82	1,900	NA	NA	NA	NA	NA	NA	175.79	8.07	NA	167.72	NA	NA	NA
MW-1	01/22/1997	640	170	4.3	33	33	1,200	NA	NA	NA	NA	NA	NA	175.79	7.21	NA	168.58	NA	NA	NA
MW-1	04/08/1997	<200	34	<2.0	3.3	4.3	950	NA	NA	NA	NA	NA	NA	175.79	7.75	NA	168.04	NA	NA	NA
MW-1 (D)	04/08/1997	<200	66	<2.0	6.4	8	740	NA	NA	NA	NA	NA	NA	175.79	7.75	NA	168.04	NA	NA	NA
MW-1	07/08/1997	190	49	1.2	5.8	8.6	560	NA	NA	NA	NA	NA	NA	175.79	8.01	NA	167.78	NA	NA	NA
MW-1	10/08/1997	<100	7	<1.0	<1.0	<1.0	620	NA	NA	NA	NA	NA	NA	175.79	8.10	NA	167.69	NA	NA	NA
MW-1	01/09/1998	970	390	12	48	71	1,200	NA	NA	NA	NA	NA	NA	175.79	7.14	NA	168.65	NA	NA	NA
MW-1	04/13/1998	<50	136	<0.50	1.5	1.8	170	NA	NA	NA	NA	NA	NA	175.79	6.78	NA	169.01	NA	NA	NA
MW-1	07/17/1998	2,500	750	11	88	67	150	NA	NA	NA	NA	NA	NA	175.79	7.28	NA	168.51	NA	NA	NA
MW-1	10/02/1998	8,000	970	36	270	440	35	NA	NA	NA	NA	NA	NA	175.79	7.77	NA	168.02	NA	NA	NA
MW-1	02/03/1999	210	56	0.82	<0.50	3.2	220	NA	NA	NA	NA	NA	NA	175.79	7.45	NA	168.34	NA	1.4	NA
MW-1	04/29/1999	<50	4.5	<0.50	0.56	<0.50	140	196	NA	NA	NA	NA	NA	175.79	7.58	NA	168.21	NA	1.2	140
MW-1	07/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	120	111*	NA	NA	NA	NA	NA	175.79	8.51	NA	167.28	NA	1.0	NA
MW-1	11/01/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2.90	NA	NA	NA	NA-	NA	NA	175.79	8.30	NA	167.49	NA	1.4	-71
MW-1	01/17/2000	<50	<0.50	<0.50	<0.50	<0.50	3.30	NA	NA	NA	NA	NA	NA	175.79	8.04	NA	167.75	NA	16.9	64
MW-1	04/17/2000	<50.0	1.08	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	175.79	8.00	NA	167.79	NA	1.8	112

							MTBE	MTBE							Depth to	Depth	GW	SPH	DO	ORP
Well ID	Date	TPPH	В	Т	E	х	8020	8260	DIPE	ETBE	TAME	тва	Ethanol	тос	Water	to SPH	Elevation	Thickness	Reading	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)	(MSL)	(ft.)	(ft.)	(MSL)	(ft.)	(ppm)	(mV)
MW-1	07/26/2000	125	54.3	2.16	5.45	9.86	33.1	NA	NA	NA	NA	NA	NA	175.79	7.52	NA	168.27	NA	13.2	-140
MW-1	10/12/2000	101	40.7	2.68	3.00	5.18	25.0	NA	NA	NA	NA	NA	NA	175.79	7.71	NA	168.08	NA	>20	534
MW-1	01/15/2001	<50.0	0.633	<0.500	0.505	1.74	<2.50	NA	NA	NA	NA	NA	NA	175.79	7.33	NA	168.46	NA	16.9	-127
MW-1	04/09/2001	<50.0	<0.500	<0.500	<0.500	0.927	<2.50	NA	NA	NA	NA	NA	NA	175.79	7.68	NA	168.11	NA	12.8	-117
MW-1	07/24/2001	<50	4.0	0.65	0.53	1.3	NA	<5.0	NA	NA	NA	NA	NA	175.79	8.00	NA	167.79	NA	>20	43
MW-1	10/31/2001	<50	4.4	<0.50	<0.50	0.98	NA	<5.0	NA	NA	NA	NA	NA	175.79	7.94	NA	167.85	NA	13.6	123
MW-1	01/10/2002	<50	2.2	<0.50	<0.50	1.2	NA	6.1	NA	NA	NA	NA	NA	175.79	7.63	NA	168.16	NA	0.1	63
MW-1	04/25/2002	<50	2.0	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	175.79	7.76	NA	168.03	NA	0.3	54
MW-1	07/18/2002	<50	6.1	<0.50	<0.50	0.98	NA	<5.0	NA	NA	NA	NA	NA	175.79	8.29	NA	167.50	NA	1.1	32
MW-1	10/07/2002	500	17	14	11	60	NA	9.0	NA	NA	NA	NA	NA	175.76	8.34	NA	167.42	NA	2.8	-26
MW-1	01/06/2003	<50	12	<0.50	0.73	0.58	NA	14	NA	NA	NA	NA	NA	175.76	7.18	NA	168.58	NA	0.5	-22
MW-1	04/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	175.76	7.75	NA	168.01	NA	0.7	-24
MW-1	07/07/2003	<50	6.6	<0.50	<0.50	<1.0	NA	8.1	NA	NA	NA	<5.0	NA	175.76	7.75	NA	168.01	NA	0.5	16
MW-1	10/09/2003	<50	1.9	<0.50	<0.50	<1.0	NA	22	NA	NA	NA	<5.0	NA	175.76	8.45	NA	167.31	NA	0.7	80
MW-1	01/14/2004	<100	19	<1.0	<1.0	<2.0	NA	180	NA	NA	NA	63	NA	175.76	7.45	NA	168.31	NA	0.8	242
MW-1	04/28/2004	<50	2.1	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	33	NA	175.76	8.25	NA	167.51	NA	0.5	64
MW-1	07/12/2004	<50	2.5	<0.50	<0.50	<1.0	NA	120	<2.0	<2.0	<2.0	26	<50	175.76	6.20	NA	169.56	NA	0.5	72
MW-1	10/25/2004	<500	<5.0	<5.0	<5.0	<10	NA	550	NA	NA	NA	240	NA	175.76	7.98	NA	167.78	NA	3.15	-72
MW-1	01/17/2005	<250	8.0	<2.5	<2.5	<5.0	NA	500	NA	NA	NA	310	NA	175.76	7.42	NA	168.34	NA	0.2	9
MW-1	04/06/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	230	NA	NA	NA	330*	NA	175.76	8.15	NA	167.61	NA	2.49	143
MW-1	07/08/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	380	<0.50	<0.50	<0.50	510	<5.0	175.76	7.45	NA	168.31	NA	1.1	12
MW-1	10/07/2005	<500 c	<5.0	<5.0	<5.0	<10	NA	1,600	NA	NA	NA	1,600	NA	175.76	7.72	NA	168.04	NA	NA	NA
MW-1	01/27/2006	1,720	6.92	<0.500	<0.500	<0.500	NA	1,270	NA	NA	NA	1,380	NA	175.76	6.68	NA	169.08	NA	NA	NA
MW-1	04/28/2006	2,420	6.90	1.19	<0.500	0.980	NA	2,080	NA	NA	NA	1,870	NA	175.76	6.67	NA	169.09	NA	NA	NA
MW-2	11/17/1993	31,000	9,400	4,600	1,000	3,900	NA	170.91	12.31	NA	158.60	NA	NA	NA						
MW-2	01/20/1994	40,000	6,900	5,600	780	4,100	NA	170.91	11.48	NA	159.43	NA	NA	NA						
MW-2 (D)	01/20/1994	41,000	7,200	6,200	900	4,800	NA	170.91	11.48	NA	159.43	NA	NA	NA						
MW-2	04/25/1994	60,000	9,300	6,100	1,400	6,200	NA	170.91	10.84	NA	160.07	NA	NA	NA						
MW-2	07/07/1994	280,000a	40,000	26,000	8,100	32,000	NA	170.91	11.89	NA	159.02	NA	NA	NA						
MW-2 (D)	07/07/1994	53,000	13,000	6,600	2,000	8,400	NA	170.91	11.89	NA	159.02	NA	NA	NA						
MW-2	10/27/1994	130,000	14,000	12,000	2,400	13,000	NA	170.91	12.89	NA	158.02	NA	NA	NA						

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
		(49/12)	(49,2)	(49/2)	(ug/L)	(49,2)	(49,2)	(49/2)	(49,2)	(49/2/	(49,27)	(49,2)	(49,2)	(			(	(,	(PP)	
MW-2 (D)	10/27/1994	390,000	8,800	7,000	1,700	11,000	NA	NA	NA	NA	NA	NA	NA	170.91	12.89	NA	158.02	NA	NA	NA
MW-2	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.11	NA	161.80	NA	NA	NA
MW-2	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.22	NA	161.69	NA	NA	NA
MW-2	01/13/1995	75,000	5,900	12,000	3,100	17,000	NA	NA	NA	NA	NA	NA	NA	170.91	8.10	NA	162.81	NA	NA	NA
MW-2	04/12/1995	100,000	8,500	11,000	2,400	12,000	NA	NA	NA	NA	NA	NA	NA	170.91	10.12	NA	160.79	NA	NA	NA
MW-2 (D)	04/12/1995	80,000	4,200	9,300	2,500	12,000	NA	NA	NA	NA	NA	NA	NA	170.91	10.12	NA	160.79	NA	NA	NA
MW-2	07/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.53	NA	159.80	0.52	NA	NA
MW-2	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.02	NA	156.99	0.13	NA	NA
MW-2	01/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	10.27	NA	160.78	0.17	NA	NA
MW-2	04/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.68	NA	159.25	0.03	NA	NA
MW-2	07/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.78	NA	158.81	0.48	NA	NA
MW-2	10/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.21	NA	156.70	0.28	NA	NA
MW-2	01/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	10.92	NA	160.08	0.11	NA	NA
MW-2	04/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.12	NA	156.95	0.20	NA	NA
MW-2	07/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.98	NA	156.08	0.19	NA	NA
MW-2	10/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.97	NA	157.98	0.05	NA	NA
MW-2	01/08/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.54	NA	158.43	0.08	NA	NA
MW-2	04/13/1998	180,000	2,800	5,200	2,400	13,000	71,000	NA	NA	NA	NA	NA	NA	170.91	10.05	NA	160.86	NA	NA	NA
MW-2	07/17/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.75	NA	159.24	0.10	NA	NA
MW-2	10/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	16.78	NA	154.22	0.11	NA	NA
MW-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.90	9.82	161.07	0.08	NA	NA
MW-2	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.86	9.81	161.09	0.05	NA	NA
MW-2	07/23/1999	65,800	6,500	4,480	1,960	8,960	46,600	58,500*	NA	NA	NA	NA	NA	170.91	14.45	NA	156.46	NA	1.4	NA
MW-2	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.84	11.81	159.09	0.03	NA	NA
MW-2	01/17/2000	46,000	6,000	2,400	1,500	5,500	50,000	31,000	NA	NA	NA	NA	NA	170.91	11.00	NA	159.91	NA	1.3	-54
MW-2	04/17/2000	96,300	8,150	10,200	2,820	14,900	112,000	108,000	NA	NA	NA	NA	NA	170.91	11.06	NA	159.85	NA	2.6	125
MW-2	07/26/2000	72,400	8,680	5,620	2,810	13,400	66,200	46,300	NA	NA	NA	NA	NA	170.91	12.82	NA	158.09	NA	2.2	113
MW-2	10/12/2000	63,200	5,840	4,180	2,310	11,100	61,200	66,600	NA	NA	NA	NA	NA	170.91	11.32	NA	159.59	NA	0.4	55
MW-2	01/15/2001	59,700	2,630	4,800	2,050	11,500	44,400	5,080	NA	NA	NA	NA	NA	170.91	10.19	NA	160.72	NA	1.1	-22
MW-2	04/09/2001	56,900	1,860	2,550	1,810	9,720	40,000	46,600	NA	NA	NA	NA	NA	170.91	11.15	NA	159.76	NA	1.0	-55
MW-2	07/24/2001	84,000	3,000	4,600	2,500	13,000	NA	41,000	NA	NA	NA	NA	NA	170.91	11.67	NA	159.24	NA	0.2	53
MW-2	10/31/2001	45,000	2,200	3,000	1,500	7,700	NA	29,000	<50	<50	<50	51,000	<500	170.91	11.04	NA	159.87	NA	1.2	-17

							MTBE	MTBE							Depth to	Depth	GW	SPH	DO	ORP
Well ID	Date	TPPH	в	Т	Е	X	8020	8260	DIPE	ETBE	TAME	TBA	Ethanol	тос	Water	to SPH	Elevation	Thickness	Reading	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)	(MSL)	(ft.)	(ft.)	(MSL)	(ft.)	(ppm)	(mV)
MW-2	01/10/2002	28,000	840	740	760	3,300	NA	32,000	NA	NA	NA	NA	NA	170.91	9.58	NA	161.33	NA	2.1	-76
MW-2	04/25/2002	41,000	1,900	2,000	1,200	6,900	NA	17,000	NA	NA	NA	NA	NA	170.91	11.40	NA	159.51	NA	0.8	-95
MW-2	07/18/2002	87,000	2,000	2,200	1,400	10,000	NA	19,000	NA	NA	NA	NA	NA	170.91	12.68	NA	158.23	NA	0.7	-34
MW-2	10/07/2002	110,000	3,900	6,700	2,700	15,000	NA	20,000	NA	NA	NA	NA	NA	170.88	11.58	NA	159.30	NA	1.4	-52
MW-2	01/06/2003	65,000	2,400	3,500	1,400	8,600	NA	26,000	NA	NA	NA	NA	NA	170.88	9.09	NA	161.79	NA	0.4	40
MW-2	04/07/2003	57,000	1,900	2,500	1,700	8,600	NA	37,000	NA	NA	NA	34,000	NA	170.88	11.08	NA	159.80	NA	1.0	60
MW-2	07/07/2003	34,000	4,000	4,200	1,600	8,500	NA	51,000	NA	NA	NA	44,000	NA	170.88	11.27	NA	159.61	NA	1.3	-17
MW-2	10/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.64	11.61	159.26	0.03	NA	NA
MW-2	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.88	11.84	159.03	0.04	NA	NA
MW-2	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	10.96	10.95	159.93	0.01	NA	NA
MW-2	04/28/2004	35,000	2,200	2,200	2,300	8,200	NA	26,000	NA	NA	NA	28,000	NA	170.88	11.05	NA	159.83	NA	0.1	-96
MW-2	07/12/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	12.12	12.09	158.78	0.03	NA	NA
MW-2	10/25/2004	60,000	2,900	2,300	2,300	7,600	NA	27,000	NA	NA	NA	26,000	NA	170.88	11.23	NA	159.65	NA	1.62	-69
MW-2	01/17/2005	62,000	1,900	1,800	1,800	5,700	NA	22,000	NA	NA	NA	21,000	NA	170.88	8.78	NA	162.10	NA	0.8	-102
MW-2	04/06/2005	40,000	1,500	940	1,600	2,900	NA	23,000	NA	NA	NA	23,000	NA	170.88	9.23	NA	161.65	NA	0.60	-104
MW-2	07/08/2005	50,000	2,300	1,500	1,700	6,600	NA	24,000	<150	<150	<150	25,000	<1,500	170.88	10.99	10.97	159.91	0.02	0.01	-41
MW-2	10/07/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	12.15	12.13	158.75	0.02	NA	NA
MW-2	01/27/2006	56,800	1,270	1,280	1,520	5,370	NA	8,210	NA	NA	NA	10,600	NA	170.88	9.55	NA	161.33	NA	NA	NA
MW-2	03/16/2006	82,100	1,230	1,310	1,350	4,630	NA	9,020	NA	NA	NA	9,690	NA	170.88	8.10	NA	162.78	NA	NA	NA
MW-2	04/28/2006	81,400	1,200	1,610	1,660	5,580	NA	10,800	NA	NA	NA	11,100	NA	170.88	9.25	NA	161.63	NA	NA	NA
MW-3	11/17/1993	18,000	5,400	660	720	2,200	NA	174.61	15.40	NA	159.21	NA	NA	NA						
MW-3	01/20/1994	55,000	13,000	2,600	2,200	6,500	NA	174.61	14.61	NA	160.00	NA	NA	NA						
MW-3	04/25/1994	96,000	11,000	1,600	3,100	9,900	NA	174.61	13.12	NA	161.49	NA	NA	NA						
MW-3 (D)	04/25/1994	78,000	12,000	1,900	2,600	7,300	NA	174.61	13.12	NA	161.49	NA	NA	NA						
MW-3	07/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.54	NA	160.07	0.02	NA	NA
MW-3	10/27/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	15.62	NA	159.03	0.05	NA	NA
MW-3	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.83	NA	160.78	NA	NA	NA
MW-3	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.02	NA	160.59	NA	NA	NA
MW-3	01/13/1995	180,000	3,200	2,700	1,700	5,200	NA	174.61	12.13	NA	162.48	NA	NA	NA						
MW-3 (D)	01/13/1995	23,000	4,000	690	960	3,000	NA	174.61	12.13	NA	162.48	NA	NA	NA						
MW-3	04/12/1995	56,000	8,700	1,500	2,100	6,300	NA	174.61	12.96	NA	161.65	NA	NA	NA						

							МТВЕ	МТВЕ							Depth to	Depth	GW	SPH	DO	ORP
Well ID	Date	TPPH	B	T	E	X	8020	8260	DIPE	ETBE	TAME	TBA	Ethanol	TOC	Water	to SPH	Elevation	Thickness	Reading	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)	(MSL)	(ft.)	(ft.)	(MSL)	(ft.)	(ppm)	(mV)
									· · · · · ·											
MW-3	07/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.28	NA	160.38	0.06	NA	NA
MW-3	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	15.88	NA	158.77	0.05	NA	NA
MW-3	01/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.86	NA	160.94	0.24	NA	NA
MW-3	04/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.82	NA	160.81	0.02	NA	NA
MW-3	07/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	16.11	NA	158.52	0.03	NA	NA
MW-3	10/01/1996	46,000	7,300	530	1,700	3,900	3,200	NA	NA	NA	NA	NA	NA	174.61	16.56	NA	158.05	NA	NA	NA
MW-3 (D)	10/01/1996	47,000	7,100	530	1,700	4,000	2,900	NA	NA	NA	NA	NA	NA	174.61	16.56	NA	158.05	NA	NA	NA
MW-3	01/22/1997	82,000	5,200	1,300	2,800	8,900	1,100	NA	NA	NA	NA	NA	NA	174.61	13.07	NA	161.54	NA	NA	NA
MW-3 (D)	01/22/1997	61,000	8,400	1,100	2,300	7,000	2,700	NA	NA	NA	NA	NA	NA	174.61	13.07	NA	161.54	NA	NA	NA
MW-3	04/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	17.09	NA	157.54	0.03	NA	NA
MW-3	07/08/1997	56,000	8,800	580	2,000	4,900	2,800	NA	NA	NA	NA	NA	NA	174.61	15.85	NA	158.76	NA	NA	NA
MW-3	10/08/1997	48,000	8,000	590	1,700	3,400	5,100	NA	NA	NA	NA	NA	NA	174.61	16.22	NA	158.39	NA	NA	NA
MW-3	01/08/1998	47,000	9,400	810	2,300	4,700	6,300	NA	NA	NA	NA	NA	NA	174.61	13.80	NA	160.81	NA	NA	NA
MW-3 (D)	01/08/1998	48,000	8,100	750	2,000	4,100	5,800	NA	NA	NA	NA	NA	NA	174.61	13.80	NA	160.81	NA	NA	NA
MW-3	04/13/1998	32,000	6,800	540	1,400	3,400	4,000	NA	NA	NA	NA	NA	NA	174.61	12.97	NA	161.64	NA	NA	NA
MW-3 (D)	04/13/1998	36,000	7,300	660	1,600	3,700	4,000	NA	NA	NA	NA	NA	NA	174.61	12.97	NA	161.64	NA	NA	NA
MW-3	07/17/1998	71,000	11,000	590	2,200	6,900	3,900	NA	NA	NA	NA	NA	NA	174.61	11.51	NA	163.10	NA	NA	NA
MW-3 (D)	07/17/1998	76,000	12,000	700	2,600	8,000	3,000	NA	NA	NA	NA	NA	NA	174.61	11.51	NA	163.10	NA	NA	NA
MW-3	10/02/1998	66,000	8,900	510	2,000	4,900	4,600	NA	NA	NA	NA	NA	NA	174.61	16.50	NA	158.11	NA	NA	NA
MW-3 (D)	10/02/1998	59,000	9,400	460	2,000	4,900	4,700	NA	NA	NA	NA	NA	NA	174.61	16.50	NA	158.11	NA	NA	NA
MW-3	02/03/1999	36,000	6,800	300	1,600	2,900	18,000	NA	NA	NA	NA	NA	NA	174.61	15.21	NA	159.40	NA	1.3	NA
MW-3	04/29/1999	45,000	8,100	580	2,200	5,800	4,700	5,150	NA	NA	NA	NA	NA	174.61	15.43	NA	159.18	NA	1.5	-68
MW-3	07/23/1999	29,400	3,540	215	810	3,800	4,720	6,950*	NA	NA	NA	NA	NA	174.61	14.95	NA	159.66	NA	1.3	NA
MW-3	11/01/1999	20,000	4,190	294	1,060	1,740	5,540	8,590	NA	NA	NA	NA	NA	174.61	14.66	NA	159.95	NA	0.6	-110
MW-3	01/17/2000	17,000	3,900	89	1,100	1,200	7,900	NA	NA	NA	NA	NA	NA	174.61	13.94	NA	160.67	NA	1.3	-40
MW-3	04/17/2000	28,100	5,240	247	1,540	2,750	16,600	NA	NA	NA	NA	NA	NA	174.61	14.00	NA	160.61	NA	1.1	-86
MW-3	07/26/2000	24,300	6,680	159	1,610	1,640	17,100	NA	NA	NA	NA	NA	NA	174.61	13.72	NA	160.89	NA	0.9	-70
MW-3	10/12/2000	14,300	2,630	86.7	241	1,360	16,300	NA	NA	NA	NA	NA	NA	174.61	14.15	NA	160.46	NA	0.9	50
MW-3	01/15/2001	22,100	4,400	266	977	2,990	13,200	NA	NA	NA	NA	NA	NA	174.61	13.05	NA	161.56	NA	1.3	-40
MW-3	04/09/2001	33,800	7,100	147	1,700	2,660	13,000	NA	NA	NA	NA	NA	NA	174.61	13.59	NA	161.02	NA	0.6	-56
MW-3	07/24/2001	220,000	5,600	1,900	4,400	19,000	NA	12,000	NA	NA	NA	NA	NA	174.61	14.43	NA	160.18	NA	0.4	29
MW-3	10/31/2001	65,000	2,700	510	1,800	7,200	NA	9,800	<20	<20	<20	5,200	<500	174.61	14.59	NA	160.02	NA	0.9	-27

							MTBE	MTBE							Depth to	Depth	GW	SPH	DO	ORP
Well ID	Date	TPPH	B	Т	E	X	8020	8260	DIPE	ETBE	TAME	TBA	Ethanol	тос	Water	to SPH	Elevation	Thickness	Reading	Reading
		(ug/L)	(MSL)	(ft.)	(ft.)	(MSL)	(ft.)	(ppm)	(mV)											
MW-3	01/10/2002	66,000	2,400	490	1,700	6,600	NA	5,500	NA	NA	NA	NA	NA	174.61	12.65	NA	161.96	NA	1.7	-76
MW-3	04/25/2002	55,000	4,600	460	2,400	6,900	NA	8,100	NA	NA	NA	NA	NA	174.61	14.13	NA	160.48	NA	1.2	-96
MW-3	07/18/2002	56,000	3,300	270	1,700	5,000	NA	8,400	NA	NA	NA	NA	NA	174.61	15.48	15.45	159.15	0.03	0.8	-41
MW-3	10/07/2002	NA	174.59	14.60	14.40	160.15	0.20	NA	NA											
MW-3	01/06/2003	57,000	3,200	330	1,800	5,400	NA	5,100	NA	NA	NA	NA	NA	174.59	11.62	11.60	162.99	0.02	0.4	33
MW-3	04/07/2003	57,000	6,200	500	2,400	6,700	NA	8,200	NA	NA	NA	3,900	NA	174.59	13.80	NA	160.79	NA	0.5	61
MW-3	07/07/2003	28,000	4,900	300	1,500	4,100	NA	7,900	NA	NA	NA	4,700	NA	174.59	14.00	NA	160.59	NA	1.0	-11
MW-3	10/09/2003	NA	174.59	14.44	14.36	160.21	0.08	NA	NA											
MW-3	10/20/2003	NA	174.59	14.68	14.61	159.97	0.07	NA	NA											
MW-3	01/14/2004	NA	174.59	12.47	12.45	162.14	0.02	NA	NA											
MW-3	04/28/2004	32,000	7,300	190	2,100	4,300	NA	3,700	NA	NA	NA	2,500	NA	174.59	13.66	NA	160.93	NA	0.1	-16
MW-3	07/12/2004	NA	174.59	14.87	14.83	159.75	0.04	NA	NA											
MW-3	10/25/2004	49,000	5,100	61	1,800	3,600	NA	5,400	NA	NA	NA	2,700	NA	174.59	14.12	NA	160.47	NA	2.70	-59
MW-3	01/17/2005	57,000	8,000	190	2,000	4,000	NA	4,600	NA	NA	NA	3,300	NA	174.59	10.59	NA	164.00	NA	0.2	-18
MW-3	04/06/2005	57,000	7,300	180	2,200	3,300	NA	4,100	NA	NA	NA	2,700	NA	174.59	10.58	NA	164.01	NA	0.95	-77
MW-3	07/08/2005	28,000	2,900	47	1,100	2,000	NA	2,800	<20	<20	<20	1,900	<200	174.59	13.46	NA	161.13	NA	0.1	-51
MW-3	10/07/2005	23,000	3,200	39	960	1,300	NA	2,600	NA	NA	NA	1,900	NA	174.59	14.76	NA	159.83	NA	NA	NA
MW-3	01/27/2006	38,500	6,520	139	1,350	2,160	NA	1,940	NA	NA	NA	1,490	NA	174.59	11.69	NA	162.90	NA	NA	NA
MW-3	03/16/2006	65,100	5,280	181	1,580	2,520	NA	2,410	NA	NA	NA	12,300	NA	174.59	10.08	NA	164.51	NA	NA	NA
MW-3	04/28/2006	<1000	4,330	157	1,480	2,690	NA	2,470	NA	NA	NA	1,520	NA	174.59	3.31	NA	171.28	NA	NA	NA
MW-4	11/17/1994	NA	164.06	6.62	NA	157.44	NA	NA	NA											
MW-4	11/28/1994	2,900	200	17	76	260	NA	164.06	6.11	NA	157.95	NA	NA	NA						
MW-4	01/13/1995	1,900	130	5.6	13	40	NA	164.06	6.05	NA	158.01	NA	NA	NA						
MW-4	04/12/1995	680	150	<2.0	10	13	NA	164.06	6.31	NA	157.75	NA	NA	NA						
MW-4	07/25/1995	340	100	0.8	8.8	3	NA	164.06	7.36	NA	156.70	NA	NA	NA						
MW-4	10/18/1995	150	31	<0.5	3.5	0.8	NA	164.06	8.54	NA	155.52	NA	NA	NA						
MW-4	01/17/1996	290	14	<0.5	1.8	0.8	NA	164.06	8.48	NA	155.58	NA	NA	NA						
MW-4	04/25/1996	<500	65	<5	<5	<5	1,700	NA	NA	NA	NA	NA	NA	164.06	7.40	NA	156.66	NA	NA	NA
MW-4 (D)	04/25/1996	<500	66	<5	8.7	<5	1,500	NA	NA	NA	NA	NA	NA	164.06	7.40	NA	156.66	NA	NA	NA
MW-4	07/17/1996	<500	84	<5.0	6.5	<5.0	1,500	NA	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	NA	NA
MW-4 (D)	07/17/1996	<500	54	<5.0	<5.0	<5.0	1,700	2,100	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	NA	NA

Well ID	Date	тррн	в	т	E	x	MTBE 8020	MTBE 8260	DIPE	ETBE	ТАМЕ	тва	Ethanol	тос	Depth to Water	Depth to SPH	GW Elevation	SPH Thickness	DO Reading	ORP 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)	(MSL)	(ft.)	(ft.)	(MSL)	(ft.)	(ppm)	(mV)
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MW-4	10/01/1996	<500	1.9	<5.0	<5.0	<5.0	3,000	NA	NA	NA	NA	NA	NA	164.06	8.82	NA	155.24	NA	NA	NA
MW-4	01/22/1997	580	130	<2.5	18	5.2	1,200	NA	NA	NA	NA	NA	NA	164.06	7.51	NA	156.55	NA	NA	NA
MW-4	04/08/1997	770	200	7	26	55	1,500	8	NA	NA	NA	NA	NA	164.06	7.18	NA	156.88	NA	NA	NA
MW-4	07/08/1997	570	78	<5.0	14	11	1,200	NA	NA	NA	NA	NA	NA	164.06	9.00	NA	155.06	NA	NA	NA
MW-4 (D)	07/08/1997	640	81	<5.0	16	19	1,600	NA	NA	NA	NA	NA	NA	164.06	9.00	NA	155.06	NA	NA	NA
MW-4	10/08/1997	<500	40	<5.0	7.4	5.4	1,400	NA	NA	NA	NA	NA	NA	164.06	8.97	NA	155.09	NA	NA	NA
MW-4 (D)	10/08/1997	<500	36	<5.0	5.9	<5.0	1,400	NA	NA	NA	NA	NA	NA	164.06	8.97	NA	155.09	NA	NA	NA
MW-4	01/08/1998	<1,000	55	<10	13	<10	2,000	NA	NA	NA	NA	NA	NA	164.06	7.90	NA	156.16	NA	NA	NA
MW-4	04/13/1998	350	110	2.4	20	26	<2.5	NA	NA	NA	NA	NA	NA	164.06	7.35	NA	156.71	NA	NA	NA
MW-4	07/17/1998	210	66	0.78	5.4	9.8	1,700	NA	NA	NA	NA	NA	NA	164.06	6.95	NA	157.11	NA	NA	NA
MW-4	10/02/1998	<50	0.69	<0.50	<0.50	_<0.50	2,900	NA	NA	NA	NA	NA	NA	164.06	7.35	NA	156.71	NA	NA	NA
MW-4	02/03/1999	560	120	2.5	29	34	6,800	NA	NA	NA	NA	NA	NA	164.06	7.71	NA	156.35	NA	0.9	NA
MW-4	04/29/1999	390	80	1.9	13	19	7,000	8,360	NA	NA	NA	NA	NA	164.06	7.83	NA	156.23	NA	1.1	-125
MW-4	07/23/1999	460	93.6	8.40	25.2	28.8	3,760	6,000*	NA	NA	NA	NA	NA	164.06	11.33	NA	152.73	NA	0.9	NA
MW-4	11/01/1999	77.3	0.520	<0.500	<0.500	<0.500	539	NA	NA	NA	NA	NA	NA	164.06	10.66	NA	153.40	NA	2.8	3
MW-4	01/17/2000	160	27	<0.50	12	6.3	12,000	NA	NA	NA	NA	NA	NA	164.06	10.15	NA	153.91	NA	3.9	-17
MW-4	04/17/2000	<500	26	6.38	9.35	10.4	9,070	NA	NA	NA	NA	NA	NA	164.06	10.10	NA	153.96	NA	1.7	-129
MW-4	07/26/2000	<500	22.7	<5.00	7.59	6.96	7,660	NA	NA	NA	NA	NA	NA	164.06	10.09	NA	153.97	NA	1.4	-137
MW-4	10/12/2000	172	19.8	<0.500	7.47	4.50	8,290	NA	NA	NA	NA	NA	NA	164.06	9.35	NA	154.71	NA	3.5	529
MW-4	01/15/2001	53.6	1.50	<0.500	2.45	1.80	9,260	NA	NA	NA	NA	NA	NA	164.06	8.77	NA	155.29	NA	2.3	53
MW-4	04/09/2001	<500	<5.00	<5.00	<5.00	5.52	10,300	NA	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	1.0	-133
MW-4	07/24/2001	58	3.8	<0.50	3.2	2.9	NA	1,700	NA	NA	NA	NA	NA	164.06	10.07	NA	153.99	NA	0.5	106
MW-4	10/31/2001	<1,000	<10	<10	<10	<10	NA	7,400	NA	NA	NA	NA	NA	164.06	9.97	NA	154.09	NA	0.8	22
MW-4	01/10/2002	<2,000	<20	<20	<20	<20	NA	12,000	NA	NA	NA	NA	NA	164.06	8.53	NA	155.53	NA	8.9	224
MW-4	04/25/2002	<2,000	<20	<20	<20	<20	NA	7,900	NA	NA	NA	NA	NA	164.06	7.33	NA	156.73	NA	3.6	-84
MW-4	07/18/2002	<2,000	<20	<20	<20	<20	NA	7,200	NA	NA	NA	NA	NA	164.06	9.05	NA	155.01	NA	1.7	120
MW-4	10/07/2002	<1,000	<10	<10	<10	<10	NA	3,300	NA	NA	NA	NA	NA	164.03	9.06	NA	154.97	NA	2.5	33
MW-4	01/06/2003	<500	21	<5.0	<5.0	<5.0	NA	2,500	NA	NA	NA	NA	NA	164.03	7.09	NA	156.94	NA	0.5	55
MW-4	04/07/2003	<2,500	<25	<25	<25	<50	NA	1,700	NA	NA	NA	5,900	NA	164.03	8.26	NA	155.77	NA	1.2	69
MW-4	07/07/2003	<2,500	<25	<25	<25	<50	NA	860	NA	NA	NA	6,900	NA	164.03	8.92	NA	155.11	NA	0.5	-3
MW-4	10/09/2003	<500	<5.0	<5.0	<5.0	<10	NA	420	NA	NA	NA	6,700	NA	164.03	8.91	NA	155.12	NA	0.7	171
MW-4	01/14/2004	<1,000	24	<10	<10	<20	NA	500	NA	NA	NA	7,200	NA	164.03	8.34	NA	155.69	NA	1.2	140

							МТВЕ	MTBE							Depth to	Depth	GW	SPH	DO	ORP
Well ID	Date	TPPH	В	T	E	X	8020	8260	DIPE	ETBE	TAME	ТВА	Ethanol	тос	Water	to SPH	Elevation		Reading	Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(ft.)	(MSL)	(ft.)	(ppm)	(mV)								
MW-4	04/28/2004	<500	6.0	<5.0	<5.0	<10	NA	310	NA	NA	NA	5,200	NA	164.03	7.55	NA	156.48	NA	0.4	69
MW-4	07/12/2004	<500	11	<5.0	7.8	<10	NA	370	<20	<20	<20	5,900	<500	164.03	8.12	NA	155.91	NA	0.5	142
MW-4	10/25/2004	<500	<5.0	<5.0	5.6	<10	NA	280	NA	NA	NA	4,300	NA	164.03	7.85	NA	156.18	NA	1.90	-70
MW-4	01/17/2005	<1,000	56	<10	10	<20	NA	380	NA	NA	NA	8,400	NA	164.03	6.08	NA	157.95	NA	0.4	6
MW-4	04/06/2005	<1,000	52	<10	11	<20	NA	450	NA	NA	NA	12,000	NA	164.03	8.10	NA	155.93	NA	0.49	11
MW-4	07/08/2005	<400	30	<4.0	6.0	<4.0	NA	250	<4.0	<4.0	<4.0	9,600	<40	164.03	7.50	NA	156.53	NA	0.6	71
MW-4	07/08/2005	<400	30	<4.0	6.0	<4.0	NA	250	<4.0	<4.0	<4.0	9,600	<40	164.03	7.50	NA	156.53	NA	0.6	71
MW-4	10/07/2005	<1,000	<10	<10	<10	<20	NA	200	NA	NA	NA	8,900	NA	164.03	8.30	NA	155.73	NA	NA	NA
MW-4	01/27/2006	1,140	34.3	2.37	8.69	12.0	NA	198	NA	NA	NA	32,100	NA	164.03	8.55	NA	155.48	NA	NA	NA
MW-4	04/28/2006	1,490	46.8	2.80	21.2	24.8	NA	344	NA	NA	NA	14,800	NA	164.03	9.02	NA	155.01	NA	NA	NA
MW-5	01/04/2002	NA	NA	NA	NA	NA	5.62	NA	NA	NA	NA	NA								
MW-5	01/10/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	NA	164.06	5.88	NA	158.18	NA	3.3	172
MW-5	04/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	73	NA	NA	NA	NA	NA	164.06	6.81	NA	157.25	NA	0.3	-44
MW-5	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	75	NA	NA	NA	NA	NA	164.06	7.38	NA	156.68	NA	0.4	170
MW-5	10/07/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	41	NA	NA	NA	NA	NA	164.14	6.75	NA	157.39	NA	1.5	16
MW-5	01/06/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	81	NA	NA	NA	NA	NA	164.14	5.96	NA	158.18	NA	0.6	166
MW-5	04/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	77	NA	NA	NA	28	NA	164.14	6.51	NA	157.63	NA	0.8	174
MW-5	07/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	32	NA	NA	NA	23	NA	164.14	6.44	NA	157.70	NA	0.3	-17
MW-5	10/09/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	59	NA	NA	NA	40	NA	164.14	7.05	NA	157.09	NA	0.9	17
MW-5	01/14/2004	<50	<0.50	0.76	<0.50	<1.0	NA	47	NA	NA	NA	17	NA	164.14	6.29	NA	157.85	NA	1.6	209
MW-5	04/28/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	31	NA	NA	NA	11	NA	164.14	6.84	NA	157.30	NA	0.4	136
MW-5	07/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	47	<2.0	<2.0	<2.0	12	<50	164.14	7.57	NA	156.57	NA	0.4	90
MW-5	10/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	13	NA	164.14	6.50	NA	157.64	NA	1.74	-21
MW-5	01/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	12	NA	164.14	5.83	NA	158.31	NA	0.1	-7
MW-5	04/06/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	164.14	5.91	NA	158.23	NA	1.05	-62
MW-5	07/08/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	26	<0.50	<0.50	<0.50	18	<5.0	164.14	6.78	NA	157.36	NA	1.2	81
MW-5	10/07/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	28	NA	NA	NA	24	NA	164.14	7.64	NA	156.50	NA	NA	NA
MW-5	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	26.7	NA	NA	NA	46.3	NA	164.14	6.21	NA	157.93	NA	NA	NA
MW-5	04/28/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	39.1	NA	NA	NA	15.0	NA	164.14	6.05	NA	158.09	NA	NA	NA
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TB-1	04/29/1999	NA	NA	NA	NA	NA	6.00	NA	NA	NA	3.8	-132								

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
TB-1	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.65	NA	NA	NA	0.2	-165
TB-1	01/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.72	NA	NA	NA	0.8	-178
TB-1	04/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.65	NA	NA	NA	0.5	-152
TB-1	07/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.13	NA	NA	NA	1.0	-124
TB-1	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.20	NA	NA	NA	0.7	-73
TB-1	01/15/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.09	NA	NA	NA	1.2	-118
ТВ-1	04/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.96	NA	NA	NA	1.0	-72
TB-1	07/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.03	NA	NA	NA	1.4	31
TB-1	10/31/2001	1,000	85	<10	<10	42	NA	4,100	NA	NA	NA	NA	NA	NA	5.89	NA	NA	NA	1.8	88
TB-1	01/10/2002	5,000	410	390	65	620	NA	9,000	NA	NA	NA	NA	NA	NA	7.47	NA	NA	NA	2.0	95
TB-1	04/25/2002	5,000	780	60	49	91	NA	6,000	NA	NA	NA	NA	NA	NA	11.71	NA	NA	NA	1.7	-136
TB-1	07/18/2002	Insufficient	water	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.50	NA	NA	NA	NA	NA
TB-1	10/07/2002	4,600	480	36	98	200	NA	4,000	NA	NA	NA	NA	NA	NA	12.95	NA	NA	NA	1.6	-48
TB-1	01/06/2003	130	30	<0.50	<0.50	0.78	NA	330	NA	NA	NA	NA	NA	NA	5.56	NA	NA	NA	0.4	-20
																				T
TB-2	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.76	NA	NA	NA	4.2	-108
TB-2	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.33	NA	NA	NA	0.5	-148
TB-2	01/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.79	NA	NA	NA	0.7	-162
TB-2	04/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.75	NA	NA	NA	0.9	-121
TB-2	07/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.73	NA	NA	NA	0.9	-85
TB-2	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.05	NA	NA	NA	0.6	-47
TB-2	01/15/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.87	NA	NA	NA	0.7	-91
TB-2	04/09/2001	46,600	1,240	1,310	1,110	12,100	31,300	NA	NA	NA	NA	NA	NA	NA	3.76	NA	NA	NA	0.8	-24
TB-2	07/24/2001	11,000	630	<25	310	200	NA	11,000	NA	NA	NA	NA	NA	NA	4.75	NA	NA	NA	0.4	-51
TB-2	10/31/2001	7,500	530	1,500	100	500	NA	2,500	NA	NA	NA	NA	NA	NA	4.24	NA	NA	NA	0.6	-7
TB-2	01/10/2002	<5,000	480	47	34	110	NA	12,000	NA	NA	NA	NA	NA	NA	6.26	NA	NA	NA	1.3	-81
TB-2	04/25/2002	4,700	470	140	<20	80	NA	7,400	NA	NA	NA	NA	NA	NA	11.78	NA	NA	NA	0.9	-107
TB-2	07/18/2002	7,500	630	650	<25	390	NA	44,000	NA	NA	NA	NA	NA	NA	12.34	NA	NA	NA	0.9	-67
TB-2	10/07/2002	<10,000	580	<100	<100	180	NA	30,000	NA	NA	NA	NA	NA	NA	11.62	NA	NA	NA	1.0	-41
TB-2	01/06/2003	120	4.8	<0.50	<0.50	2.0	NA	220	NA	NA	NA	NA	NA	NA	4.35	NA	NA	NA	0.5	-515

							MTBE	MTBE							Depth to	Depth	GW	SPH	DO	ORP
Well ID	Date	TPPH	В	Т	E	Х	8020	8260	DIPE	ETBE	TAME	TBA	Ethanol	TOC	Water	to SPH	Elevation	Thickness	Reading	Reading
		(ug/L)	(MSL)	(ft.)	(ft.)	(MSL)	(ft.)	(ppm)	(mV)											

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 24, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 24, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

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

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

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

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260

TOC = Top of Casing Elevation

- SPH = Separate-Phase Hydrocarbons
- GW = Groundwater
- ug/L = Parts per billion
- MSL = Mean sea level
- ft. = Feet
- <n = Below detection limit
- (D) = Duplicate sample
- NA = Not applicable
- DO = Dissolved Oxygens
- ppm = Parts per million
- ORP = Oxidation Reduction Potential
- mV = Millivolts

#### Notes:

a = Ground water surface had a sheen when sampled.

b = MTBE value is estimated by Sequoia Analytical of Redwood City, CA.

c = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

\* = Sample analyzed outside the EPA recommended holding time.

Ethanol analyzed by EPA Method 8260B.

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

When separate-phase hydrocarbons are present, ground water elevation is adjusted using the relation: Corrected ground water elevation = Top-of-Casing Elevation - Depth to Water + (0.8 x Hydrocarbon Thickness).



May 19, 2006

Client: Attn:	Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Anni Kreml	Work Order: Project Name: Project Nbr: P/O Nbr: Date Received:	NPE0322 4255 MacArthur Blvd., Oakland, CA SAP 135701 98995758 05/03/06
	SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW	/-1	NPE0322-01	04/28/06 12:30
MW	<i>I</i> -2	NPE0322-02	04/28/06 12:48
MW	7-3	NPE0322-03	04/28/06 12:38
MW	/-4	NPE0322-04	04/28/06 09:25
MW	7-5	NPE0322-05	04/28/06 09:15

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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Additional Laboratory Comments: Revised Report 05-19-06jh The 20x dilution value for Toluene in sample NPE0322 -3 was removed. Toluene was originally reported from both the 20x and the 1x dilutions. 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:

fun

Jim Hatfield Project Management

ANALYTICAL TESTING CORPORATION

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:	NPE0322
Project Name:	4255 MacArthur Blvd., Oakland, CA
Project Number:	SAP 135701
Received:	05/03/06 07:45

	ANALYTICAL REPORT								
Analyte	Result	Flag Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch		
Sample ID: NPE0322-01 (MW-1 - V	Vater) Sample	ed: 04/28/06 12:30							
Volatile Organic Compounds by EPA M									
Benzene	6.90	ug/L	0.500	1	05/09/06 07:20	SW846 8260B	6051883		
Methyl tert-Butyl Ether	2080	ug/L	10.0	20	05/10/06 18:03	SW846 8260B	6052332		
Ethylbenzene	ND	ug/L	0.500	1	05/09/06 07:20	SW846 8260B	6051883		
•	1.19	ug/L	0.500	1	05/09/06 07:20	SW846 8260B	6051883		
Toluene	0.980	ug/L ug/L	0.500	1	05/09/06 07:20	SW846 8260B	6051883		
Xylenes, total	1870	ug/L ug/L	10.0	1	05/09/06 07:20	SW846 8260B	6051883		
Tertiary Butyl Alcohol		ug/L	10.0	1	05/09/06 07:20	SW846 8260B SW846 8260B	605188.		
Surr: 1,2-Dichloroethane-d4 (70-130%) Surr: 1,2-Dichloroethane-d4 (70-130%)	105 % 106 %				05/10/06 18:03	SW846 8260B	605233.		
Surr: 1,2-Dichioroeinane-u4 (70-130%) Surr: Dibromofluoromethane (79-122%)	100 %				05/09/06 07:20	SW846 8260B	605188.		
Surr: Dibromofluoromethane (79-122%)	106 %				05/10/06 18:03	SW846 8260B	605233.		
Surr: Toluene-d8 (78-121%)	106 %				05/09/06 07:20	SW846 8260B	605188.		
Surr: Toluene-d8 (78-121%)	106 %				05/10/06 18:03	SW846 8260B	605233.		
Surr: 4-Bromofluorobenzene (78-126%)	109 %				05/09/06 07:20	SW846 8260B	605188.		
Surr: 4-Bromofluorobenzene (78-126%)	111 %				05/10/06 18:03	SW846 8260B	6052332		
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	2420	ug/L	50.0	1	05/09/06 07:20	CA LUFT GC/MS	6051883		
Methyl tert-Butyl Ether Ethylbenzene Toluene Xylenes, total Tertiary Butyl Alcohol Surr: 1,2-Dichloroethane-d4 (70-130%) Surr: Dibromofluoromethane (79-122%) Surr: Toluene-d8 (78-121%) Surr: 4-Bromofluorobenzene (78-126%) Purgeable Petroleum Hydrocarbons	10800 1660 1610 5580 11100 110 % 106 % 106 % 112 %	ug/L ug/L ug/L ug/L ug/L	50.0 5.00 5.00 5.00 100	100 10 10 10	05/10/06 10:44 05/10/06 10:22 05/10/06 10:22 05/10/06 10:22 05/10/06 10:22 05/10/06 10:22 05/10/06 10:22 05/10/06 10:22	SW846 8260B SW846 8260B SW846 8260B SW846 8260B SW846 8260B SW846 8260B SW846 8260B SW846 8260B SW846 8260B	6052091 6052091 6052091 6052091 6052091 605209 605209 605209 605209		
Gasoline Range Organics	81400	ug/L	500	10	05/10/06 10:22	CA LUFT GC/MS	6052091		
Sample ID: NPE0322-03RE1 (MW Volatile Organic Compounds by EPA N	fethod 8260B	ampled: 04/28/06 12:38		20		SW046 0060D	(05222)		
Benzene	4330	ug/L	10.0	20	05/10/06 18:25	SW846 8260B	6052332		
Methyl tert-Butyl Ether	2470	ug/L	10.0	20	05/10/06 18:25	SW846 8260B	6052332		
Ethylbenzene	1480	ug/L	10.0	20	05/10/06 18:25	SW846 8260B	6052332		
Toluene	157	ug/L	0.500	1	05/09/06 08:05	SW846 8260B	6051883		
Xylenes, total	2690	ug/L	10.0	20	05/10/06 18:25	SW846 8260B	6052332		
Tertiary Butyl Alcohol	1520	ug/L	200	20	05/10/06 18:25	SW846 8260B	6052332		
Surr: 1,2-Dichloroethane-d4 (70-130%)	106 %				05/09/06 08:05	SW846 8260B	605188		
Surr: 1,2-Dichloroethane-d4 (70-130%)	111 %				05/10/06 18:25	SW846 8260B	605233.		
Surr: Dibromofluoromethane (79-122%)	103 %				05/09/06 08:05	SW846 8260B	605188.		
Surr: Dibromofluoromethane (79-122%)	108 %				05/10/06 18:25	SW846 8260B	605233.		

ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml Work Order:NPE0322Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:05/03/06 07:45

#### ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0322-03 (MW-3 -			04/28/06 12:38					
Volatile Organic Compounds by EPA M	Method 8260B -	cont.						
Surr: Toluene-d8 (78-121%)	103 %					05/09/06 08:05	SW846 8260B	6051883
Surr: Toluene-d8 (78-121%)	103 %					05/10/06 18:25	SW846 8260B	6052332
Surr: 4-Bromofluorobenzene (78-126%)	110 %					05/09/06 08:05	SW846 8260B	6051883
Surr: 4-Bromofluorobenzene (78-126%)	109 %					05/10/06 18:25	SW846 8260B	6052332
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	1000	20	05/10/06 18:25	CA LUFT GC/MS	6052332
Sample ID: NPE0322-04 (MW-4 - )	Water) Sampl	ed: 04/28	/06 09:25					
Volatile Organic Compounds by EPA M	Method 8260B							
Benzene	46.8		ug/L	0.500	1	05/10/06 06:39	SW846 8260B	6052091
Methyl tert-Butyl Ether	344		ug/L	5.00	10	05/10/06 07:02	SW846 8260B	6052091
Ethylbenzene	21.2		ug/L	0.500	1	05/10/06 06:39	SW846 8260B	6052091
Toluene	2.80		ug/L	0.500	1	05/10/06 06:39	SW846 8260B	6052091
Xylenes, total	24.8		ug/L	0.500	1	05/10/06 06:39	SW846 8260B	6052091
Tertiary Butyl Alcohol	14800		ug/L	100	10	05/10/06 07:02	SW846 8260B	6052091
Surr: 1,2-Dichloroethane-d4 (70-130%)	109 %					05/10/06 06:39	SW846 8260B	6052091
Surr: Dibromofluoromethane (79-122%)	107 %					05/10/06 06:39	SW846 8260B	6052091
Surr: Toluene-d8 (78-121%)	103 %					05/10/06 06:39	SW846 8260B	6052091
Surr: 4-Bromofluorobenzene (78-126%)	114 %					05/10/06 06:39	SW846 8260B	6052091
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	1490		ug/L	50.0	1	05/10/06 06:39	CA LUFT GC/MS	6052091
Sample ID: NPE0322-05 (MW-5 -	Water) Samp	led: 04/28	/06 09:15					
Volatile Organic Compounds by EPA	Method 8260B							
Benzene	ND		ug/L	0.500	1	05/09/06 21:46	SW846 8260B	6051962
Methyl tert-Butyl Ether	39.1		ug/L	0.500	1	05/09/06 21:46	SW846 8260B	6051962
Ethylbenzene	ND		ug/L	0.500	1	05/09/06 21:46	SW846 8260B	6051962
Toluene	ND		ug/L	0.500	1	05/09/06 21:46	SW846 8260B	6051962
Xylenes, total	ND		ug/L	0.500	1	05/09/06 21:46	SW846 8260B	6051962
Tertiary Butyl Alcohol	15.0		ug/L	10.0	1	05/09/06 21:46	SW846 8260B	6051962
Surr: 1,2-Dichloroethane-d4 (70-130%)	107 %					05/09/06 21:46	SW846 8260B	6051962
Surr: Dibromofluoromethane (79-122%)	106 %					05/09/06 21:46		6051962
Surr: Toluene-d8 (78-121%)	105 %					05/09/06 21:46	SW846 8260B	6051962
Surr: 4-Bromofluorobenzene (78-126%)	111 %					05/09/06 21:46	SW846 8260B	6051962
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	05/09/06 21:46	CA LUFT GC/M	6051962

ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml Work Order:NPEProject Name:4255Project Number:SAPReceived:05/0

NPE0322 4255 MacArthur Blvd., Oakland, CA SAP 135701 05/03/06 07:45

#### PROJECT QUALITY CONTROL DATA Blank

Valatile Organic Compounds by EPA Method 82605           Barane         40.200         upL         6051883
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ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml Work Order:NPE0322Project Name:4255 Mac/Project Number:SAP 13570Received:05/03/06 0

NPE0322 4255 MacArthur Blvd., Oakland, CA SAP 135701 05/03/06 07:45

#### PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time	
Volatile Organic Compounds by l	EPA Method 8260B						
6052091-BLK1							
Surrogate: Toluene-d8	105%			6052091	6052091-BLK1	05/10/06 03:42	
Surrogate: Toluene-d8	105%			6052091	6052091-BLK1	05/10/06 03:42	
Surrogate: 4-Bromofluorobenzene	110%			6052091	6052091-BLK1	05/10/06 03:42	
Surrogate: 4-Bromofluorobenzene	110%			6052091	6052091-BLK1	05/10/06 03:42	
6052332-BLK1							
Benzene	<0.200		ug/L	6052332	6052332-BLK1	05/10/06 16:10	
Methyl tert-Butyl Ether	<0.200		ug/L	6052332	6052332-BLK1	05/10/06 16:10	
Ethylbenzene	<0.200		ug/L	6052332	6052332-BLK1	05/10/06 16:10	
Toluene	<0.200		ug/L	6052332	6052332-BLK1	05/10/06 16:10	
Xylenes, total	< 0.350		ug/L	6052332	6052332-BLK1	05/10/06 16:10	
Tertiary Butyl Alcohol	<5.06		ug/L	6052332	6052332-BLK1	05/10/06 16:10	
Surrogate: 1,2-Dichloroethane-d4	108%			6052332	6052332-BLK1	05/10/06 16:10	
Surrogate: 1,2-Dichloroethane-d4	108%			6052332	6052332-BLK1	05/10/06 16:10	
Surrogate: Dibromofluoromethane	108%			6052332	6052332-BLK1	05/10/06 16:10	
Surrogate: Dibromofluoromethane	108%			6052332	6052332-BLK1	05/10/06 16:10	
Surrogate: Toluene-d8	104%			6052332	6052332-BLK1	05/10/06 16:10	
Surrogate: Toluene-d8	104%			6052332	6052332-BLK1	05/10/06 16:10	
Surrogate: 4-Bromofluorobenzene	111%			6052332	6052332-BLK1	05/10/06 16:10	
Surrogate: 4-Bromofluorobenzene	111%			6052332	6052332-BLK1	05/10/06 16:10	
Purgeable Petroleum Hydrocarbo	ons						
6051883-BLK1							
Gasoline Range Organics	<50.0		ug/L	6051883	6051883-BLK1	05/09/06 01:47	
Surrogate: 1,2-Dichloroethane-d4	101%			6051883	6051883-BLK1	05/09/06 01:47	
Surrogate: Dibromofluoromethane	106%			6051883	6051883-BLK1	05/09/06 01:47	
Surrogate: Toluene-d8	104%			6051883	6051883-BLK1	05/09/06 01:47	
Surrogate: 4-Bromofluorobenzene	104%			6051883	6051883-BLK1	05/09/06 01:47	
6051962-BLK1							
Gasoline Range Organics	<50.0		ug/L	6051962	6051962-BLK1	05/09/06 14:28	
Surrogate: 1,2-Dichloroethane-d4	103%			6051962	6051962-BLK1	05/09/06 14:28	
Surrogate: Dibromofluoromethane	104%			6051962	6051962-BLK1	05/09/06 14:28	
Surrogate: Toluene-d8	105%			6051962	6051962-BLK1	05/09/06 14:28	
Surrogate: 4-Bromofluorobenzene	108%			6051962	6051962-BLK1	05/09/06 14:28	
6052091-BLK1			-	<i></i>	(0.000 DT	05/10/05 02 42	
Gasoline Range Organics	<50.0		ug/L	6052091	6052091-BLK1	05/10/06 03:42	
Surrogate: 1,2-Dichloroethane-d4	112%			6052091	6052091-BLK1	05/10/06 03:42	
Surrogate: Dibromofluoromethane	109%			6052091	6052091-BLK1	05/10/06 03:42	
Surrogate: Toluene-d8	105%			6052091	6052091-BLK1	05/10/06 03:42	
Surrogate: 4-Bromofluorobenzene	110%			6052091	6052091-BLK1	05/10/06 03:42	

ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml Work Order:NPE0322Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:05/03/06 07:45

### PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbo	ons					
6052332-BLK1						
Gasoline Range Organics	<50.0		ug/L	6052332	6052332-BLK1	05/10/06 16:10
Surrogate: 1,2-Dichloroethane-d4	108%			6052332	6052332-BLK1	05/10/06 16:10
Surrogate: Dibromofluoromethane	108%			6052332	6052332-BLK1	05/10/06 16:10
Surrogate: Toluene-d8	104%			6052332	6052332-BLK1	05/10/06 16:10
Surrogate: 4-Bromofluorobenzene	111%			6052332	6052332-BLK1	05/10/06 16:10

ANALYTICAL TESTING CORPORATION

Cambria Env. Tech. (Emeryville) / SHELL (13675) Client 5900 Hollis Street, Suite A Emeryville, CA 94608 Anni Kreml Attn

NPE0322 Work Order: Project Name: SAP 135701 Project Number: Received:

4255 MacArthur Blvd., Oakland, CA 05/03/06 07:45

#### PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Vai	Q Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA	Method 8260B						
6051883-BS1							
Benzene	25.0	27.8	ug/L	111%	79 - 123	6051883	05/09/06 00:40
Methyl tert-Butyl Ether	25.0	27.2	ug/L	109%	66 - 142	6051883	05/09/06 00:40
Ethylbenzene	25.0	28.1	ug/L	112%	79 - 125	6051883	05/09/06 00:40
Toluene	25.0	27.7	ug/L	111%	78 - 122	6051883	05/09/06 00:40
Xylenes, total	75.0	87.0	ug/L	116%	79 - 130	6051883	05/09/06 00:40
Tertiary Butyl Alcohol	250	248	ug/L	99%	42 - 154	6051883	05/09/06 00:40
Surrogate: 1,2-Dichloroethane-d4	50.0	53.6		107%	70 - 130	6051883	05/09/06 00:40
Surrogate: 1,2-Dichloroethane-d4	50.0	53.6		107%	70 - 130	6051883	05/09/06 00:40
Surrogate: Dibromofluoromethane	50.0	52.5		105%	79 - 122	6051883	05/09/06 00:40
Surrogate: Dibromofluoromethane	50.0	52.5		105%	79 - 122	6051883	05/09/06 00:40
Surrogate: Toluene-d8	50.0	52.9		106%	78 - 121	6051883	05/09/06 00:40
Surrogate: Toluene-d8	50.0	52.9		106%	78 - 121	6051883	05/09/06 00:40
Surrogate: 4-Bromofluorobenzene	50.0	53.3		107%	78 - 126	6051883	05/09/06 00:40
Surrogate: 4-Bromofluorobenzene	50.0	53.3		107%	78 - 126	6051883	05/09/06 00:40
6051962-BS1							
Benzene	50.0	56.0	ug/L	112%	79 - 123	6051962	05/09/06 13:21
Methyl tert-Butyl Ether	50.0	55.0	ug/L	110%	66 - 142	6051962	05/09/06 13:21
Ethylbenzene	50.0	57.6	ug/L	115%	79 - 125	6051962	05/09/06 13:21
Toluene	50.0	58.0	ug/L	116%	78 - 122	6051962	05/09/06 13:21
Xylenes, total	150	180	ug/L	120%	79 - 130	6051962	05/09/06 13:21
Tertiary Butyl Alcohol	500	485	ug/L	97%	42 - 154	6051962	05/09/06 13:21
Surrogate: 1,2-Dichloroethane-d4	50.0	52.5		105%	70 - 130	6051962	05/09/06 13:21
Surrogate: 1,2-Dichloroethane-d4	50.0	52.5		105%	70 - 130	6051962	05/09/06 13:21
Surrogate: Dibromofluoromethane	50.0	52.3		105%	79 - 122	6051962	05/09/06 13:21
Surrogate: Dibromofluoromethane	50.0	52.3		105%	79 - 122	6051962	05/09/06 13:21
Surrogate: Toluene-d8	50.0	51.4		103%	78 - 121	6051962	05/09/06 13:21
Surrogate: Toluene-d8	50.0	51.4		103%	78 - 121	6051962	05/09/06 13:21
Surrogate: 4-Bromofluorobenzene	50.0	54.7		109%	78 - 126	6051962	05/09/06 13:21
Surrogate: 4-Bromofluorobenzene	50.0	54.7		109%	78 - 126	6051962	05/09/06 13:21
6052091-BS1							
Benzene	50.0	52.9	ug/L	106%	79 - 123	6052091	05/10/06 02:35
Methyl tert-Butyl Ether	50.0	49.4	ug/L	99%	66 - 142	6052091	05/10/06 02:35
Ethylbenzene	50.0	52.5	ug/L	105%	79 - 125	6052091	05/10/06 02:35
Toluene	50.0	52.3	ug/L	105%	78 - 122	6052091	05/10/06 02:35
Xylenes, total	150	164	ug/L	109%	79 - 130	6052091	05/10/06 02:35
Tertiary Butyl Alcohol	500	535	ug/L	107%	42 - 154	6052091	05/10/06 02:35
Surrogate: 1,2-Dichloroethane-d4	50.0	53.2		106%	70 - 130	6052091	05/10/06 02:35
Surrogate: 1,2-Dichloroethane-d4	50.0	53.2		106%	70 - 130	6052091	05/10/06 02:35
Surrogate: Dibromofluoromethane	50.0	52.8		106%	79 - 122	6052091	05/10/06 02:35
Surrogate: Dibromofluoromethane	50.0	52.8		106%	79 - 122	6052091	05/10/06 02:35

ANALYTICAL TESTING CORPORATION

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:NPE0322Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:05/03/06 07:45

### PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EP	A Method 8260B							
6052091-BS1								
Surrogate: Toluene-d8	50.0	52.8			106%	78 - 121	6052091	05/10/06 02:35
Surrogate: Toluene-d8	50.0	52.8			106%	78 - 121	6052091	05/10/06 02:35
Surrogate: 4-Bromofluorobenzene	50.0	54.0			108%	78 - 126	6052091	05/10/06 02:35
Surrogate: 4-Bromofluorobenzene	50.0	54.0			108%	78 - 126	6052091	05/10/06 02:35
6052332-BS1								
Benzene	50.0	57.4		ug/L	115%	79 - 123	6052332	05/10/06 15:03
Methyl tert-Butyl Ether	50.0	52.7		ug/L	105%	66 - 142	6052332	05/10/06 15:03
Ethylbenzene	50.0	56.6		ug/L	113%	79 - 125	6052332	05/10/06 15:03
Toluene	50.0	58.0		ug/L	116%	78 - 122	6052332	05/10/06 15:03
Xylenes, total	150	172		ug/L	115%	79 - 130	6052332	05/10/06 15:03
Tertiary Butyl Alcohol	500	589		ug/L	118%	42 - 154	6052332	05/10/06 15:03
Surrogate: 1,2-Dichloroethane-d4	50.0	57.4			115%	70 - 130	6052332	05/10/06 15:03
Surrogate: 1,2-Dichloroethane-d4	50.0	57.4			115%	70 - 130	6052332	05/10/06 15:03
Surrogate: Dibromofluoromethane	50.0	52.4			105%	79 - 122	6052332	05/10/06 15:03
Surrogate: Dibromofluoromethane	50.0	52.4			105%	79 - 122	6052332	05/10/06 15:03
Surrogate: Toluene-d8	50.0	51.1			102%	78 - 121	6052332	05/10/06 15:03
Surrogate: Toluene-d8	50.0	51.1			102%	78 - 121	6052332	05/10/06 15:03
Surrogate: 4-Bromofluorobenzene	50.0	53.0			106%	78 - 126	6052332	05/10/06 15:03
Surrogate: 4-Bromofluorobenzene	50.0	53.0			106%	78 - 126	6052332	05/10/06 15:03
Purgeable Petroleum Hydrocarbon	s							
6051883-BS1								
Gasoline Range Organics	1520	1460		ug/L	96%	67 - 130	6051883	05/09/06 00:40
Surrogate: 1,2-Dichloroethane-d4	50.0	53.6			107%	70 - 130	6051883	05/09/06 00:40
Surrogate: Dibromofluoromethane	50.0	52.5			105%	70 - 130	6051883	05/09/06 00:40
Surrogate: Toluene-d8	50.0	52.9			106%	70 - 130	6051883	05/09/06 00:40
Surrogate: 4-Bromofluorobenzene	50.0	53.3			107%	70 - 130	6051883	05/09/06 00:40
6051962-BS1								
Gasoline Range Organics	3050	3300		ug/L	108%	67 - 130	6051962	05/09/06 13:21
Surrogate: 1,2-Dichloroethane-d4	50.0	52.5			105%	70 - 130	6051962	05/09/06 13:21
Surrogate: Dibromofluoromethane	50.0	52.3			105%	70 - 130	6051962	05/09/06 13:21
Surrogate: Toluene-d8	50.0	51.4			103%	70 - 130	6051962	05/09/06 13:21
Surrogate: 4-Bromofluorobenzene	50.0	54.7			109%	70 - 130	6051962	05/09/06 13:21
6052091-BS1								
Gasoline Range Organics	3050	2940		ug/L	96%	67 - 130	6052091	05/10/06 02:35
Surrogate: 1,2-Dichloroethane-d4	50.0	53.2			106%	70 - 130	6052091	05/10/06 02:35
Surrogate: Dibromofluoromethane	50.0	52.8			106%	70 - 130	6052091	05/10/06 02:35
Surrogate: Toluene-d8	50.0	52.8			106%	<b>`</b> 70 - 130	6052091	05/10/06 02:35
Surrogate: 4-Bromofluorobenzene	50.0	54.0			108%	70 - 130	6052091	05/10/06 02:35

ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml

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

Work Order:NPE0322Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:05/03/06 07:45

### PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
<b>6052332-BS1</b> Gasoline Range Organics	3050	3080		ug/L	101%	67 - 130	6052332	05/10/06 15:03
Surrogate: 1,2-Dichloroethane-d4	50.0	57.4			115%	70 - 130	6052332	05/10/06 15:03
Surrogate: Dibromofluoromethane	50.0	52.4			105%	70 - 130	6052332	05/10/06 15:03
Surrogate: Toluene-d8	50.0	51.1			102%	70 - 130	6052332	05/10/06 15:03
Surrogate: 4-Bromofluorobenzene	50.0	53.0			106%	70 - 130	6052332	05/10/06 15:03

ANALYTICAL TESTING CORPORATION

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

Oakland, CA

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml

Work Order:	NPE0322
Project Name:	4255 MacArthur Blvd.,
Project Number:	SAP 135701
Received:	05/03/06 07:45

#### PROJECT QUALITY CONTROL DATA **Matrix Spike** Sample Analyzed Target Date/Time Range Batch Spiked MS Val Q Units Spike Conc % Rec. Analyte Orig. Val. Volatile Organic Compounds by EPA Method 8260B 6051883-MS1 6051883 NPE0129-01 05/09/06 10:18 0.550 50.3 ug/L 50.0 100% 71 - 137 Benzene 05/09/06 10:18 50.0 100% 55 - 152 6051883 NPE0129-01 19.6 69.5 ug/L Methyl tert-Butyl Ether 50.0 99% 72 - 139 6051883 NPE0129-01 05/09/06 10:18 Ethylbenzene 0.750 50.2 ug/L 05/09/06 10:18 NPE0129-01 Toluene 3.25 52.4 ug/L 50.0 98% 73 - 133 6051883 05/09/06 10:18 70 - 143 6051883 NPE0129-01 3.90 160 ug/L 150 104% Xylenes, total 500 105% 19 - 183 6051883 NPE0129-01 05/09/06 10:18 Tertiary Butyl Alcohol 896 1420 ug/L 05/09/06 10:18 50.0 103% 70 - 130 6051883 NPE0129-01 Surrogate: 1,2-Dichloroethane-d4 51.7 ug/L 103% 70 - 130 6051883 NPE0129-01 05/09/06 10:18 51.7 50.0 Surrogate: 1,2-Dichloroethane-d4 ug/kg 79 - 122 NPE0129-01 05/09/06 10:18 50.0 105% 6051883 Surrogate: Dibromofluoromethane 52.6 ug/L 05/09/06 10:18 50.0 105% 79 - 122 6051883 NPE0129-01 ug/kg Surrogate: Dibromofluoromethane 52.6 103% 78 - 121 6051883 NPE0129-01 05/09/06 10:18 51.5 50.0 Surrogate: Toluene-d8 ug/kg 05/09/06 10:18 103% 78 - 121 NPE0129-01 50.0 6051883 Surrogate: Toluene-d8 51.5 ug/L 106% 78 - 126 6051883 NPE0129-01 05/09/06 10:18 53.2 ug/L 50.0 Surrogate: 4-Bromofluorobenzene Surrogate: 4-Bromofluorobenzene 53.2 ug/kg 50.0 106% 78 - 126 6051883 NPE0129-01 05/09/06 10:18 6051962-MS1 50.0 128% 71 - 137 6051962 NPE0031-01 05/10/06 01:06 ND 64.2 ug/L Benzene NPE0031-01 05/10/06 01:06 ND 61.6 ug/L 50.0 123% 55 - 152 6051962 Methyl tert-Butyl Ether 6051962 NPE0031-01 05/10/06 01:06 50.0 132% 72 - 139 Ethylbenzene ND 65.9 ug/L 129% 6051962 NPE0031-01 05/10/06 01:06 Toluene ND 64.6 ug/L 50.0 73 - 133 ND 201 ug/L 150 134% 70 - 143 6051962 NPE0031-01 05/10/06 01:06 Xylenes, total 500 167% 19 - 183 6051962 NPE0031-01 05/10/06 01:06 ND 837 ug/L Tertiary Butyl Alcohol Surrogate: 1,2-Dichloroethane-d4 53.9 ug/kg 50.0 108% 70 - 130 6051962 NPE0031-01 05/10/06 01:06 NPE0031-01 05/10/06 01:06 50.0 108% 70 - 130 6051962 Surrogate: 1,2-Dichloroethane-d4 53.9 ug/L 50.0 108% 79 - 122 6051962 NPE0031-01 05/10/06 01:06 ug/kg Surrogate: Dibromofluoromethane 54.0 108% 79 - 122 NPE0031-01 05/10/06 01:06 50.0 6051962 Surrogate: Dibromofluoromethane 54.0 ug/L NPE0031-01 05/10/06 01:06 51.0 ug/L 50.0 102% 78 - 121 6051962 Surrogate: Toluene-d8 05/10/06 01:06 51.0 ug/kg 50.0 102% 78 - 121 6051962 NPE0031-01 Surrogate: Toluene-d8 NPE0031-01 05/10/06 01:06 Surrogate: 4-Bromofluorobenzene 55.9 ug/L 50.0 112% 78 - 126 6051962 50.0 112% 78 - 126 6051962 NPE0031-01 05/10/06 01:06 Surrogate: 4-Bromofluorobenzene 55.9 ug/kg 6052332-MS1

Benzene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	71 - 137	6052332	NPE0387-02	05/10/06 23:59
Methyl tert-Butyl Ether	8.26	55.6		ug/L	50.0	95%	55 - 152	6052332	NPE0387-02	05/10/06 23:59
Ethylbenzene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	72 - 139	6052332	NPE0387-02	05/10/06 23:59
Toluene	52.3	102		ug/L	50.0	99%	73 - 133	6052332	NPE0387-02	05/10/06 23:59
Xylenes, total	1.00E9	1.00E9	MHA	ug/L	150	0%	70 - 143	6052332	NPE0387-02	05/10/06 23:59
Tertiary Butyl Alcohol	ND	611		ug/L	500	122%	19 - 183	6052332	NPE0387-02	05/10/06 23:59

ANALYTICAL TESTING CORPORATION

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:	NPE0322
Project Name:	4255 MacArthur Blvd., Oakland, CA
Project Number:	SAP 135701
Received:	05/03/06 07:45

PROJECT QUALITY CONTROL DATA Matrix Spike - Cont.										
Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compou	nds by EPA Met	hod 8260B								
6052332-MS1										
Surrogate: 1,2-Dichloroethane-d4		55.0		ug/kg	50.0	110%	70 - 130	6052332	NPE0387-02	05/10/06 23:59
Surrogate: 1,2-Dichloroethane-d4		55.0		ug/L	50.0	110%	70 - 130	6052332	NPE0387-02	05/10/06 23:59
Surrogate: Dibromofluoromethane		54.7		ug/kg	50.0	109%	79 - 122	6052332	NPE0387-02	05/10/06 23:59
Surrogate: Dibromofluoromethane		54.7		ug/L	50.0	109%	79 - 122	6052332	NPE0387-02	05/10/06 23:59
Surrogate: Toluene-d8		53.1		ug/L	50.0	106%	78 - 121	6052332	NPE0387-02	05/10/06 23:59
Surrogate: Toluene-d8		53.1		ug/kg	50.0	106%	78 - 121	6052332	NPE0387-02	05/10/06 23:59
Surrogate: 4-Bromofluorobenzene		57.3		ug/kg	50.0	115%	78 - 126	6052332	NPE0387-02	05/10/06 23:59
Surrogate: 4-Bromofluorobenzene		57.3		ug/L	50.0	115%	78 - 126	6052332	NPE0387-02	05/10/06 23:59
Purgeable Petroleum Hydrocarbo	ns									
6051883-MS1										
Gasoline Range Organics	ND	2760		ug/L	3050	90%	60 - 140	6051883	NPE0129-01	05/09/06 10:18
Surrogate: 1,2-Dichloroethane-d4		51.7		ug/L	50.0	103%	0 - 200	6051883	NPE0129-01	05/09/06 10:18
Surrogate: Dibromofluoromethane		52.6		ug/L	50.0	105%	0 - 200	6051883	NPE0129-01	05/09/06 10:18
Surrogate: Toluene-d8		51.5		ug/L	50.0	103%	0 - 200	6051883	NPE0129-01	05/09/06 10:18
Surrogate: 4-Bromofluorobenzene		53.2		ug/L	50.0	106%	0 - 200	6051883	NPE0129-01	05/09/06 10:18
6051962-MS1										
Gasoline Range Organics	ND	3080		ug/L	3050	101%	60 - 140	6051962	NPE0031-01	05/10/06 01:06
Surrogate: 1,2-Dichloroethane-d4		53.9		ug/L	50.0	108%	0 - 200	6051962	NPE0031-01	05/10/06 01:06
Surrogate: Dibromofluoromethane		54.0		ug/L	50.0	108%	0 - 200	6051962	NPE0031-01	05/10/06 01:06
Surrogate: Toluene-d8		51.0		ug/L	50.0	102%	0 - 200	6051962	NPE0031-01	05/10/06 01:06
Surrogate: 4-Bromofluorobenzene		55.9		ug/L	50.0	112%	0 - 200	6051962	NPE0031-01	05/10/06 01:06
6052332-MS1										
Gasoline Range Organics	100000000	1.00E9	MHA	ug/L	3050	0%	60 - 140	6052332	NPE0387-02	05/10/06 23:59
Surrogate: 1,2-Dichloroethane-d4		55.0		ug/L	50.0	110%	0 - 200	6052332	NPE0387-02	05/10/06 23:59
Surrogate: Dibromofluoromethane		54.7		ug/L	50.0	109%	0 - 200	6052332	NPE0387-02	05/10/06 23:59
Surrogate: Toluene-d8		53.1		ug/L	50.0	106%	0 - 200	6052332	NPE0387-02	05/10/06 23:59
Surrogate: 4-Bromofluorobenzene		57.3		ug/L	50.0	115%	0 - 200	6052332	NPE0387-02	05/10/06 23:59

ANALYTICAL TESTING CORPORATION

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 Emeryville, CA 94608 Anni Kreml Attn

#### NPE0322 Work Order: 4255 MacArthur Blvd., Oakland, CA Project Name: SAP 135701 Project Number:

05/03/06 07:45 Received:

#### 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
Analyte	Ong. val.	·····						• • • • • •				
Volatile Organic Compounds by	EPA Method 8	260B										
6051883-MSD1		(2.0			50.0	1020/	<b>a</b> 1 12 <b>a</b>	21	22	(051992	NIDE0120.01	05/09/06 10:40
Benzene	0.550	62.0		ug/L	50.0	123%	71 - 137	21	23	6051883	NPE0129-01	05/09/06 10:40
Methyl tert-Butyl Ether	19.6	74.0		ug/L	50.0	109%	55 - 152	6	27	6051883	NPE0129-01	05/09/06 10:40
Ethylbenzene	0.750	61.8		ug/L	50.0	122%	72 - 139	21	23	6051883	NPE0129-01	05/09/06 10:40
Toluene	3.25	61.7		ug/L	50.0	117%	73 - 133	16	25	6051883	NPE0129-01	
Xylenes, total	3.90	189		ug/L	150	123%	70 - 143	17	27	6051883	NPE0129-01	05/09/06 10:40
Tertiary Butyl Alcohol	896	1660		ug/L	500	153%	19 - 183	16	39	6051883	NPE0129-01	05/09/06 10:40
Surrogate: 1,2-Dichloroethane-d4		56.6		ug/L	50.0	113%	70 - 130			6051883	NPE0129-01	05/09/06 10:40
Surrogate: 1,2-Dichloroethane-d4		56.6		ug/kg	50.0	113%	70 - 130			6051883	NPE0129-01	05/09/06 10:40
Surrogate: Dibromofluoromethane		54.2		ug/L	50.0	108%	79 - 122			6051883	NPE0129-01	05/09/06 10:40
Surrogate: Dibromofluoromethane		54.2		ug/kg	50.0	108%	79 - 122			6051883	NPE0129-01	05/09/06 10:40
Surrogate: Toluene-d8		52.1		ug/L	50.0	104%	78 - 121			6051883	NPE0129-01	05/09/06 10:40
Surrogate: Toluene-d8		52.1		ug/kg	50.0	104%	78 - 121			6051883	NPE0129-01	05/09/06 10:40
Surrogate: 4-Bromofluorobenzene		52.0		ug/kg	50.0	104%	78 - 126			6051883	NPE0129-01	05/09/06 10:40
Surrogate: 4-Bromofluorobenzene		52.0		ug/L	50.0	104%	78 - 126			6051883	NPE0129-01	05/09/06 10:40
6051962-MSD1												
Benzene	ND	63.5		ug/L	50.0	127%	71 - 137	1	23	6051962	NPE0031-01	05/10/06 01:28
Methyl tert-Butyl Ether	ND	61.4		ug/L	50.0	123%	55 - 152	0.3	27	6051962	NPE0031-01	05/10/06 01:28
Ethylbenzene	ND	62.4		ug/L	50.0	125%	72 - 139	5	23	6051962	NPE0031-01	05/10/06 01:28
Toluene	ND	62.7		ug/L	50.0	125%	73 - 133	3	25	6051962	NPE0031-01	05/10/06 01:28
Xylenes, total	ND	197		ug/L	150	131%	70 - 143	2	27	6051962	NPE0031-01	05/10/06 01:28
Tertiary Butyl Alcohol	ND	823		ug/L	500	165%	19 - 183	2	39	6051962	NPE0031-01	05/10/06 01:28
Surrogate: 1,2-Dichloroethane-d4		54.5		ug/L	50.0	109%	70 - 130			6051962	NPE0031-01	05/10/06 01:28
Surrogate: 1,2-Dichloroethane-d4		54.5		ug/kg	50.0	109%	70 - 130			6051962	NPE0031-01	05/10/06 01:28
Surrogate: Dibromofluoromethane		53.6		ug/kg	50.0	107%	79 - 122			6051962	NPE0031-01	05/10/06 01:28
Surrogate: Dibromofluoromethane		53.6		ug/L	50.0	107%	79 - 122			6051962	NPE0031-01	05/10/06 01:28
Surrogate: Toluene-d8		53.0		ug/L	50.0	106%	78 - 121			6051962	NPE0031-01	05/10/06 01:28
Surrogate: Toluene-d8		53.0		ug/kg	50.0	106%	78 - 121			6051962	NPE0031-01	05/10/06 01:28
Surrogate: 4-Bromofluorobenzene		56.9		ug/kg	50.0	114%	78 - 126			6051962	NPE0031-01	05/10/06 01:28
Surrogate: 4-Bromofluorobenzene		56.9		ug/L	50.0	114%	78 - 126			6051962	NPE0031-01	05/10/06 01:28
6052332-MSD1												
Benzene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	71 - 137	0	23	6052332	NPE0387-02	05/11/06 00:21
Methyl tert-Butyl Ether	8.26	68.0		ug/L	50.0	119%	55 - 152	20	27	6052332	NPE0387-02	05/11/06 00:21
Ethylbenzene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	72 - 139	0	23	6052332	NPE0387-02	05/11/06 00:21
Toluene	52.3	121	MHA	ug/L	50.0	137%	73 - 133	17	25	6052332	NPE0387-02	05/11/06 00:21
Xylenes, total	1.00E9	1.00E9	MHA	ug/L	150	0%	70 - 143	0	27	6052332	NPE0387-02	05/11/06 00:21
Tertiary Butyl Alcohol	ND	867		ug/L	500	173%	19 - 183	35	39	6052332	NPE0387-02	05/11/06 00:21
Surrogate: 1,2-Dichloroethane-d4		54.0		ug/kg	50.0	108%	70 - 130			6052332	NPE0387-02	05/11/06 00:21
Surrogate: 1,2-Dichloroethane-d4		54.0		ug/L	50.0	108%	70 - 130			6052332	NPE0387-02	05/11/06 00:21
Surrogate: Dibromofluoromethane		52.8		ug/L	50.0	106%	79 - 122			6052332	NPE0387-02	05/11/06 00:21
Surrogate: Dibromofluoromethane		52.8		ug/kg	50.0	106%	79 - 122			6052332	NPE0387-02	05/11/06 00:21

ANALYTICAL TESTING CORPORATION

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:NPE0322Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:05/03/06 07:45

### PROJECT QUALITY CONTROL DATA

#### Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD J	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Comp	ounds by EPA N	1ethod 82	60B									
6052332-MSD1												
Surrogate: Toluene-d8		52.9		ug/kg	50.0	106%	78 - 121			6052332	NPE0387-02	05/11/06 00:21
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	78 - 121			6052332	NPE0387-02	05/11/06 00:21
Surrogate: 4-Bromofluorobenzene		59.0		ug/L	50.0	118%	78 - 126			6052332	NPE0387-02	05/11/06 00:21
Surrogate: 4-Bromofluorobenzene		59.0		ug/kg	50.0	118%	78 - 126			6052332	NPE0387-02	05/11/06 00:21
Purgeable Petroleum Hydrocarl	bons											
6051883-MSD1												
Gasoline Range Organics	ND	2790		ug/L	3050	91%	60 - 140	1	40	6051883	NPE0129-01	05/09/06 10:40
Surrogate: 1,2-Dichloroethane-d4		56.6		ug/L	50.0	113%	0 - 200			6051883	NPE0129-01	05/09/06 10:40
Surrogate: Dibromofluoromethane		54.2		ug/L	50.0	108%	0 - 200			6051883	NPE0129-01	05/09/06 10:40
Surrogate: Toluene-d8		52.1		ug/L	50.0	104%	0 - 200			6051883	NPE0129-01	05/09/06 10:40
Surrogate: 4-Bromofluorobenzene		52.0		ug/L	50.0	104%	0 - 200			6051883	NPE0129-01	05/09/06 10:40
6051962-MSD1												
Gasoline Range Organics	ND	2970		ug/L	3050	97%	60 - 140	4	40	6051962	NPE0031-01	05/10/06 01:28
Surrogate: 1,2-Dichloroethane-d4		54.5		ug/L	50.0	109%	0 - 200			6051962	NPE0031-01	05/10/06 01:28
Surrogate: Dibromofluoromethane		53.6		ug/L	50.0	107%	0 - 200			6051962	NPE0031-01	05/10/06 01:28
Surrogate: Toluene-d8		53.0		ug/L	50.0	106%	0 - 200			6051962	NPE0031-01	05/10/06 01:28
Surrogate: 4-Bromofluorobenzene		56.9		ug/L	50.0	114%	0 - 200			6051962	NPE0031-01	05/10/06 01:28
6052332-MSD1												
Gasoline Range Organics	100000000	1.00E9	MHA	ug/L	3050	0%	60 - 140	0	40	6052332	NPE0387-02	05/11/06 00:21
Surrogate: 1,2-Dichloroethane-d4		54.0		ug/L	50.0	108%	0 - 200			6052332	NPE0387-02	05/11/06 00:21
Surrogate: Dibromofluoromethane		52.8		ug/L	50.0	106%	0 - 200			6052332	NPE0387-02	05/11/06 00:21
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	0 - 200			6052332	NPE0387-02	05/11/06 00:21
Surrogate: 4-Bromofluorobenzene		59.0		ug/L	50.0	118%	0 - 200			6052332	NPE0387-02	05/11/06 00:21

### Test AMALYTICAL TESTING CORPORATION

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
Emeryville, CA 94608
Anni Kreml

Work Order:NPE0322Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:05/03/06 07:45

#### **CERTIFICATION SUMMARY**

#### TestAmerica Analytical - Nashville

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



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:NPE0322Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:05/03/06 07:45

#### NELAC CERTIFICATION SUMMARY

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

Method CA LUFT GC/MS <u>Matrix</u> Water Analyte Gasoline Range Organics



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:NPE0322Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:05/03/06 07:45

#### DATA QUALIFIERS AND DEFINITIONS

MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

#### METHOD MODIFICATION NOTES

TestAmerica ANALYTICAL TESTING CORPORATION Nashville Division COOLER RECEIPT FORM	BC#			NPE0322
Cooler Received/Opened On: May 3, 200 1. Indicate the Airbill Tracking Number (last 4 dig		and Name of Cou	rier below:_/C	CØ
Fed-Ex UPS Velocity	DHL	Route	Off-street	/ Misc.
2. Temperature of representative sample or tempe (indicate IR Gun ID#)	erature blank when	opened: 3 .	9 Degi	rees Celsius
NA A00466 A00750	A01124	100190	101282	Raynger ST
3. Were custody seals on outside of cooler?		•••••••••••••••		VESNONA
a. If yes, how many and where:	1-FROI	UT		
4. Were the seals intact, signed, and dated correct				TESNONA
5. Were custody papers inside cooler?				TESNON NA
I certify that I opened the cooler and answered qu				RO)
6. Were custody seals on containers:	YES NO	an	d Intact	YES NO NA-
were these signed, and dated correctly?		••••••	•••••	YESNO
7. What kind of packing material used? 🦯	Bubblewrap	Peanuts	Vermiculite	Foam Insert
Plastic bag Paper	Other		No	пе
2		rect contact)	Dry ice	Other None
9. Did all containers arrive in good condition ( un			-	YESNONA
<ol> <li>Did an container s arrive in good condition ( un</li> <li>Were all container labels complete (#, date, signal for the second second</li></ol>			L L	GESNONA
11. Did all container labels and tags agree with cu				YESNONA
11. Did an container labers and tags agree with container labers agree with container labers and tags agree with container labers and tagree with container labers and tags agree with container labers ag				YESNONA
b. Was there any observable head space pres				YES. OP. NA
I certify that I unloaded the cooler and answered c				A T
13. a. On preserved bottles did the pH test strips	•			12 VES NO ENA
b. Did the bottle labels indicate that the corre				ESNONA
If preservation in-house was needed, rea	•			LEDINOIA
14. Was residual chlorine present?				YESNQ
I certify that I checked for chlorine and pH as per				272
				YES. NONA
				TES NO NA
				YESNONA
				YES. NQNA
18. Was sufficient amount of sample sent in each				W.
I certify that I entered this project into LIMS and				
I certify that I attached a label with the unique LI				
19. Were there Non-Conformance issues at login	YES NU WAS A	PIPE generated	YES	NO #

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	•							ЭП		-L '	СN	ali	n C	Jt (	JUS	sto	dv	Re	<b>CC</b>	ord							• • •
Identification (if necessary): TA - Irvine, California	Shel	Projec	t Mana	ger to l	oe in	voic															SONL	Ŋ					
A - Morgan Hill, California	U E	NIRONMEN	ITAL SERVI	CES	De	nie	Br	own	1							9	<u> </u>	Г		1000000		1000000	_				
A - Nashville, Te'		CHINICAL'S		]			5.	J <b>V</b> V I I								SEP BERG		Sector 10	9	100.0	7 5		DATE	<u> </u>	28	OC	
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D Rogers Avenue, San Jose, CA 95112 UECT CONTACT (Hardcopy or PDF Report to):					Anr	ni Kre	mi (	Camh	ria F	mor	wille	Offic	0	(510)	420-1	2225			- II		<u> </u>				666	<sup>11</sup> Z€.PC	١
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Field Sample Identification	SAM DATE	PLING TIME	MATRIX	NO. OF CONT.	TPH-	-H-L	BTEX (8260B)	5 Oxygenates (8 (MTBE, TBA, DIPE	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Eartone Iron	Nitrate as Nitrate	Sulfate		MTBE (8260B)		TEM	PERAT	FURE ON	RECEIPT	C°
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#### March 28, 2006

Client: Attn:	Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Anni Kreml	Work Order: Project Name: Project Nbr: P/O Nbr: Date Received:	NPC2459 4255 MacArthur Blvd., Oakland, CA SAP 135701 98995758 03/18/06
	SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-	2	NPC2459-01	03/16/06 14:58
MW-	3	NPC2459-02	03/16/06 15:20

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum 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 accredidation.

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California Certification Number: 01168CA

The Chain(s) of Custody, 3 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:

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Jim Hatfield Project Management

# Test America

ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml Work Order:NPC2459Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:03/18/06 08:00

#### ANALYTICAL REPORT

				MDI	Dilution	Analysis		D. 4.1
Analyte	Result	Flag	Units	MRL	Factor	Date/Time	Method	Batch
Sample ID: NPC2459-01 (MW-2 - V	Water) Sampled	d: 03/16/	06 14:58					
Volatile Organic Compounds by EPA M	Aethod 8260B							
Benzene	1230		ug/L	10.0	20	03/25/06 18:07	SW846 8260B	6035160
Methyl tert-Butyl Ether	9020		ug/L	100	200	03/25/06 18:29	SW846 8260B	6035160
Ethylbenzene	1350		ug/L	10.0	20	03/25/06 18:07	SW846 8260B	6035160
Toluene	1310		ug/L	10.0	20	03/25/06 18:07	SW846 8260B	6035160
Xylenes, total	4630		ug/L	10.0	20	03/25/06 18:07	SW846 8260B	6035160
Tertiary Butyl Alcohol	9690		ug/L	200	20	03/25/06 18:07	SW846 8260B	6035160
Surr: 1,2-Dichloroethane-d4 (70-130%)	118 %					03/25/06 18:07	SW846 8260B	6035160
Surr: 1,2-Dichloroethane-d4 (70-130%)	118 %					03/25/06 18:07	SW846 8260B	6035160
Surr: Dibromofluoromethane (79-122%)	114 %					03/25/06 18:07	SW846 8260B	6035160
Surr: Dibromofluoromethane (79-122%)	114 %					03/25/06 18:07	SW846 8260B	6035160
Surr: Toluene-d8 (78-121%)	111 %					03/25/06 18:07	SW846 8260B	6035160
Surr: Toluene-d8 (78-121%)	111 %					03/25/06 18:07	SW846 8260B	6035160
Surr: 4-Bromofluorobenzene (78-126%)	114 %					03/25/06 18:07	SW846 8260B	6035160
Surr: 4-Bromofluorobenzene (78-126%)	114 %					03/25/06 18:07	SW846 8260B	6035160
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	82100		ug/L	1000	20	03/25/06 18:07	SW846 8260B	6035160
Sample ID: NPC2459-02RE1 (MW	/-3 - Water) San	npled: 03	3/16/06 15:20					
Volatile Organic Compounds by EPA N		•						
Benzene	5280		ug/L	25.0	50	03/25/06 16:38	SW846 8260B	6035160
Methyl tert-Butyl Ether	2410		ug/L	25.0	50	03/25/06 16:38	SW846 8260B	6035160
Ethylbenzene	1580		ug/L	25.0	50	03/25/06 16:38	SW846 8260B	6035160
Toluene	181		ug/L	0.500	1	03/23/06 23:04	SW846 8260B	6034684
Xylenes, total	2520		ug/L	25.0	50	03/25/06 16:38	SW846 8260B	6035160
Tertiary Butyl Alcohol	12300		ug/L	500	50	03/25/06 16:38	SW846 8260B	6035160
Surr: 1,2-Dichloroethane-d4 (70-130%)	12300		ug/L	500	50	03/23/06 23:04	SW846 8260B	6034684
Surr: 1,2-Dichloroethane-d4 (70-130%) Surr: 1,2-Dichloroethane-d4 (70-130%)	114 %					03/25/06 16:38	SW846 8260B	6035160
Surr: 1,2-Dichloroethane-d4 (70-130%)	114 %					03/25/06 16:38	SW846 8260B	6035160
Surr: Dibromofluoromethane (79-122%)	87 %					03/23/06 23:04	SW846 8260B	6034684
Surr: Dibromofluoromethane (79-122%)	107 %					03/25/06 16:38	SW846 8260B	6035160
Surr: Dibromofluoromethane (79-122%)	107 %					03/25/06 16:38	SW846 8260B	6035160
Surr: Toluene-d8 (78-121%)	102 %					03/23/06 23:04	SW846 8260B	6034684
Surr: Toluene-d8 (78-121%)	113 %					03/25/06 16:38	SW846 8260B	6035160
Surr: Toluene-d8 (78-121%)	113 %					03/25/06 16:38	SW846 8260B	6035160
Surr: 4-Bromofluorobenzene (78-126%)	104 %					03/23/06 23:04	SW846 8260B	6034684
Surr: 4-Bromofluorobenzene (78-126%)	114 %					03/25/06 16:38	SW846 8260B	6035160
Surr: 4-Bromofluorobenzene (78-126%)	114 %					03/25/06 16:38	SW846 8260B	6035160
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	65100		ug/L	2500	50	03/25/06 16:38	SW846 8260B	6035160
			-					

# **Test**America

ANALYTICAL TESTING CORPORATION

Cambria Env. Tech. (Emeryville) / SHELL (13675) Client 5900 Hollis Street, Suite A Emeryville, CA 94608 Anni Kreml Attn

NPC2459 Work Order: 4255 MacArthur Blvd., Oakland, CA Project Name: SAP 135701 Project Number: 03/18/06 08:00 Received:

#### PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by I	EPA Method 8260B					
6034684-BLK1						
Benzene	<0.200		ug/L	6034684	6034684-BLK1	03/23/06 19:57
Methyl tert-Butyl Ether	<0.200		ug/L	6034684	6034684-BLK1	03/23/06 19:57
Ethylbenzene	<0.200		ug/L	6034684	6034684-BLK1	03/23/06 19:57
Toluene	<0.200		ug/L	6034684	6034684-BLK1	03/23/06 19:57
Xylenes, total	< 0.350		ug/L	6034684	6034684-BLK1	03/23/06 19:57
Tertiary Butyl Alcohol	<5.06		ug/L	6034684	6034684-BLK1	03/23/06 19:57
Surrogate: 1,2-Dichloroethane-d4	109%			6034684	6034684-BLK1	03/23/06 19:57
Surrogate: 1,2-Dichloroethane-d4	109%			6034684	6034684-BLK1	03/23/06 19:57
Surrogate: Dibromofluoromethane	76%	Z10		6034684	6034684-BLK1	03/23/06 19:57
Surrogate: Dibromofluoromethane	76%	Z10		6034684	6034684-BLK1	03/23/06 19:57
Surrogate: Toluene-d8	101%			6034684	6034684-BLK1	03/23/06 19:57
Surrogate: Toluene-d8	101%			6034684	6034684-BLK1	03/23/06 19:57
Surrogate: 4-Bromofluorobenzene	114%			6034684	6034684-BLK1	03/23/06 19:57
Surrogate: 4-Bromofluorobenzene	114%			6034684	6034684-BLK1	03/23/06 19:57
6035160-BLK1						
Benzene	<0.200		ug/L	6035160	6035160-BLK1	03/25/06 13:40
Methyl tert-Butyl Ether	<0.200		ug/L	6035160	6035160-BLK1	03/25/06 13:40
Ethylbenzene	<0.200		ug/L	6035160	6035160-BLK1	03/25/06 13:40
Toluene	<0.200		ug/L	6035160	6035160-BLK1	03/25/06 13:40
Xylenes, total	<0.350		ug/L	6035160	6035160-BLK1	03/25/06 13:40
Tertiary Butyl Alcohol	<5.06		ug/L	6035160	6035160-BLK1	03/25/06 13:40
Surrogate: 1,2-Dichloroethane-d4	119%			6035160	6035160-BLK1	03/25/06 13:40
Surrogate: 1,2-Dichloroethane-d4	119%			6035160	6035160-BLK1	03/25/06 13:40
Surrogate: Dibromofluoromethane	113%			6035160	6035160-BLK1	03/25/06 13:40
Surrogate: Dibromofluoromethane	113%			6035160	6035160-BLK1	03/25/06 13:40
urrogate: Toluene-d8	108%			6035160	6035160-BLK1	03/25/06 13:40
Surrogate: Toluene-d8	108%			6035160	6035160-BLK1	03/25/06 13:40
Surrogate: 4-Bromofluorobenzene	116%			6035160	6035160-BLK1	03/25/06 13:40
Surrogate: 4-Bromofluorobenzene	116%			6035160	6035160-BLK1	03/25/06 13:40
Purgeable Petroleum Hydrocarbo	ons					
034684-BLK1						
Gasoline Range Organics	<50.0		ug/L	6034684	6034684-BLK1	03/23/06 19:57
Surrogate: 1,2-Dichloroethane-d4	109%			6034684	6034684-BLK1	03/23/06 19:57
Surrogate: Dibromofluoromethane	76%	Z10		6034684	6034684-BLK1	03/23/06 19:57
Surrogate: Toluene-d8	101%			6034684	6034684-BLK1	03/23/06 19:57
Surrogate: 4-Bromofluorobenzene	114%			6034684	6034684-BLK1	03/23/06 19:57
6035160-BLK1						
Gasoline Range Organics	<50.0		ug/L	6035160	6035160-BLK1	03/25/06 13:40
Surrogate: 1,2-Dichloroethane-d4	119%			6035160	6035160-BLK1	03/25/06 13:40

# Test/America

ANALYTICAL TESTING CORPORATION

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:NPC2459Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:03/18/06 08:00

#### PROJECT QUALITY CONTROL DATA Blank - Cont. Analyzed Date/Time Analyte Blank Value Q Units Q.C. Batch Lab Number **Purgeable Petroleum Hydrocarbons** 6035160-BLK1 6035160 6035160-BLK1 03/25/06 13:40 Surrogate: Dibromofluoromethane 113% 6035160 Surrogate: Toluene-d8 108% 6035160-BLK1 03/25/06 13:40 Surrogate: 4-Bromofluorobenzene 116% 6035160 6035160-BLK1 03/25/06 13:40

## Test America

ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Anni Kreml Attn

#### Work Order: NPC2459 Project Name: SAP 135701 Project Number: Received:

4255 MacArthur Blvd., Oakland, CA 03/18/06 08:00

#### PROJECT QUALITY CONTROL DATA

#### LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EF	PA Method 8260B					· · · · · · · · · · · · · · ·		
6034684-BS1								
Benzene	50.0	48.5		ug/L	97%	79 - 123	6034684	03/23/06 17:16
Methyl tert-Butyl Ether	50.0	50.6		ug/L	101%	66 - 142	6034684	03/23/06 17:16
Ethylbenzene	50.0	46.3		ug/L	93%	79 - 125	6034684	03/23/06 17:16
Toluene	50.0	47.0		ug/L	94%	78 - 122	6034684	03/23/06 17:16
Xylenes, total	150	146		ug/L	97%	79 - 130	6034684	03/23/06 17:16
Tertiary Butyl Alcohol	500	456		ug/L	91%	42 - 154	6034684	03/23/06 17:16
Surrogate: 1,2-Dichloroethane-d4	25.0	25.3		_	101%	70 - 130	6034684	03/23/06 17:16
Surrogate: 1,2-Dichloroethane-d4	25.0	25.3			101%	70 - 130	6034684	03/23/06 17:16
Surrogate: Dibromofluoromethane	25.0	22.7			91%	79 - 122	6034684	03/23/06 17:16
Surrogate: Dibromofluoromethane	25.0	22.7			91%	79 - 122	6034684	03/23/06 17:16
Surrogate: Toluene-d8	25.0	25.9			104%	78 - 121	6034684	03/23/06 17:16
Surrogate: Toluene-d8	25.0	25.9			104%	78 - 121	6034684	03/23/06 17:16
Surrogate: 4-Bromofluorobenzene	25.0	25.0			100%	78 - 126	6034684	03/23/06 17:16
Surrogate: 4-Bromofluorobenzene	25.0	25.0			100%	78 - 126	6034684	03/23/06 17:16
0005400 004								
6035160-BS1 Benzene	50.0	56.6		ug/L	113%	79 - 123	6035160	03/25/06 12:34
Methyl tert-Butyl Ether	50.0	54.8		ug/L	110%	66 - 142	6035160	03/25/06 12:34
Ethylbenzene	50.0	54.9		ug/L	110%	79 - 125	6035160	03/25/06 12:34
5	50.0	52.7		ug/L ug/L	105%	79 - 123 78 - 122	6035160	03/25/06 12:34
Toluene		169		ug/L ug/L	113%	70 - 122 79 - 130	6035160	03/25/06 12:34
Xylenes, total	150	567		-	113%	42 - 154	6035160	03/25/06 12:34
Tertiary Butyl Alcohol	500			ug/L	115%	42 - 134 70 - 130	6035160	03/25/06 12:34
Surrogate: 1,2-Dichloroethane-d4	50.0	57.8			116%	70 - 130 70 - 130	6035160	03/25/06 12:34
Surrogate: 1,2-Dichloroethane-d4	50.0	57.8						
Surrogate: Dibromofluoromethane	50.0	53.0			106%	79 - 122	6035160	03/25/06 12:34
Surrogate: Dibromofluoromethane	50.0	53.0			106%	79 - 122	6035160	03/25/06 12:34
Surrogate: Toluene-d8	50.0	56.9			114%	78 - 121	6035160	03/25/06 12:34
Surrogate: Toluene-d8	50.0	56.9			114%	78 - 121	6035160	03/25/06 12:34
Surrogate: 4-Bromofluorobenzene	50.0	55.0			110%	78 - 126	6035160	03/25/06 12:34
Surrogate: 4-Bromofluorobenzene	50.0	55.0			110%	78 - 126	6035160	03/25/06 12:34
Purgeable Petroleum Hydrocarbon	IS							
6034684-BS1								
Gasoline Range Organics	3050	2300		ug/L	75%	67 - 130	6034684	03/23/06 17:16
Surrogate: 1,2-Dichloroethane-d4	25.0	25.3			101%	70 - 130	6034684	03/23/06 17:16
Surrogate: Dibromofluoromethane	25.0	22.7			91%	70 - 130	6034684	03/23/06 17:16
Surrogate: Toluene-d8	25.0	25.9			104%	70 - 130	6034684	03/23/06 17:16
Surrogate: 4-Bromofluorobenzene	25.0	25.0			100%	70 - 130	6034684	03/23/06 17:16
6035160-BS1								
Gasoline Range Organics	3050	3410		ug/L	112%	67 - 130	6035160	03/25/06 12:34
Surrogate: 1,2-Dichloroethane-d4	50.0	57.8			116%	70 - 130	6035160	03/25/06 12:34



ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml Work Order:NPC2459Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:03/18/06 08:00

#### PROJECT QUALITY CONTROL DATA LCS - Cont. Target Analyzed Range Date/Time Analyte Known Val. Analyzed Val Q Units % Rec. Batch **Purgeable Petroleum Hydrocarbons** 6035160-BS1 50.0 53.0 106% 70 - 130 6035160 03/25/06 12:34 Surrogate: Dibromofluoromethane Surrogate: Toluene-d8 50.0 56.9 114% 70 - 130 6035160 03/25/06 12:34 Surrogate: 4-Bromofluorobenzene 50.0 55.0 110% 70 - 130 6035160 03/25/06 12:34

# Test America

ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml Work Order:NPC2459Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:03/18/06 08:00

		PROJE		ALITY CO Matrix Spi	ONTROL DA ke	АТА				
Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by I	EPA Method 826	)B								
6034684-MS1										
Benzene	ND	58.6		ug/L	50.0	117%	71 - 137	6034684	NPC2450-11	03/24/06 00:51
Methyl tert-Butyl Ether	0.870	62.1		ug/L	50.0	122%	55 - 152	6034684	NPC2450-11	03/24/06 00:51
Ethylbenzene	ND	55.1		ug/L	50.0	110%	72 - 139	6034684	NPC2450-11	03/24/06 00:51
Toluene	ND	55.5		ug/L	50.0	111%	73 - 133	6034684	NPC2450-11	03/24/06 00:51
Xylenes, total	ND	171		ug/L	150	114%	70 - 143	6034684	NPC2450-11	03/24/06 00:51
Tertiary Butyl Alcohol	ND	647		ug/L	500	129%	19 - 183	6034684	NPC2450-11	03/24/06 00:51
Surrogate: 1,2-Dichloroethane-d4		25.1		ug/L	25.0	100%	70 - 130	6034684	NPC2450-11	03/24/06 00:51
Surrogate: 1,2-Dichloroethane-d4		25.1		ug/L	25.0	100%	70 - 130	6034684	NPC2450-11	03/24/06 00:51
Surrogate: Dibromofluoromethane		22.4		ug/L	25.0	90%	79 - 122	6034684	NPC2450-11	03/24/06 00:51
Surrogate: Dibromofluoromethane		22.4		ug/L	25.0	90%	79 - 122	6034684	NPC2450-11	03/24/06 00:51
Surrogate: Toluene-d8		25.9		ug/L	25.0	104%	78 - 121	6034684	NPC2450-11	03/24/06 00:51
Surrogate: Toluene-d8		25.9		ug/L	25.0	104%	78 - 121	6034684	NPC2450-11	03/24/06 00:51
Surrogate: 4-Bromofluorobenzene		25.1		ug/L	25.0	100%	78 - 126	6034684	NPC2450-11	03/24/06 00:51
Surrogate: 4-Bromofluorobenzene		25.1		ug/L	25.0	100%	78 - 126	6034684	NPC2450-11	03/24/06 00:51
Purgeable Petroleum Hydrocarbo	ons									
6034684-MS1										
Gasoline Range Organics	ND	3280		ug/L	3050	108%	60 - 140	6034684	NPC2450-11	03/24/06 00:51
Surrogate: 1,2-Dichloroethane-d4		25.1		ug/L	25.0	100%	0 - 200	6034684	NPC2450-11	03/24/06 00:51
Surrogate: Dibromofluoromethane		22.4		ug/L	25.0	90%	0 - 200	6034684	NPC2450-11	03/24/06 00:51
Surrogate: Toluene-d8		25.9		ug/L	25.0	104%	0 - 200	6034684	NPC2450-11	03/24/06 00:51
Surrogate: 4-Bromofluorobenzene		25.1		ug/L	25.0	100%	0 - 200	6034684	NPC2450-11	03/24/06 00:51

# TestAmerica

ANALYTICAL TESTING CORPORATION

Client Cambria Env. Tech. (Emeryville) / SHELL (13675) 5900 Hollis Street, Suite A Emeryville, CA 94608 Attn Anni Kreml Work Order:NPC2459Project Name:4255 MacArthur Blvd., Oakland, CAProject Number:SAP 135701Received:03/18/06 08:00

PROJECT QUALITY CONTROL DATA **Matrix Spike Dup** Spike Target Sample Analyzed Duplicated Date/Time Conc % Rec. Range **RPD** Limit Units Batch Orig. Val. Duplicate Q Analyte Volatile Organic Compounds by EPA Method 8260B 6034684-MSD1 23 6034684 NPC2450-11 03/24/06 01:19 50.0 112% 71 - 137 5 ND 55.8 ug/L Benzene 50.0 121% 55 - 152 27 6034684 NPC2450-11 03/24/06 01:19 0.870 61.5 ug/L 1 Methyl tert-Butyl Ether 50.0 106% 4 23 6034684 NPC2450-11 03/24/06 01:19 Ethylbenzene ND 53.0 ug/L 72 - 139 NPC2450-11 03/24/06 01:19 ND 54.1 ug/L 50.0 108% 73 - 133 3 25 6034684 Toluene 27 Xylenes, total ND 166 ug/L 150 111% 70 - 143 3 6034684 NPC2450-11 03/24/06 01:19 ND 605 ug/L 500 121% 19 - 183 7 39 6034684 NPC2450-11 03/24/06 01:19 Tertiary Butyl Alcohol NPC2450-11 03/24/06 01:19 Surrogate: 1,2-Dichloroethane-d4 26.2 ug/L 25.0 105% 70 - 130 6034684 03/24/06 01:19 ug/L 25.0 105% 70 - 130 6034684 NPC2450-11 Surrogate: 1,2-Dichloroethane-d4 26.2 03/24/06 01:19 22.2 ug/L 25.0 89% 79 - 122 6034684 NPC2450-11 Surrogate: Dibromofluoromethane 6034684 NPC2450-11 03/24/06 01:19 22.2 ug/L 25.0 89% 79 - 122 Surrogate: Dibromofluoromethane 25.8 ug/L 25.0 103% 78 - 121 6034684 NPC2450-11 03/24/06 01:19 Surrogate: Toluene-d8 103% 6034684 NPC2450-11 03/24/06 01:19 25.0 25.8 ug/L 78 - 121 Surrogate: Toluene-d8 25.0 100% 6034684 NPC2450-11 03/24/06 01:19 Surrogate: 4-Bromofluorobenzene 24.9 ug/L 78 - 126 6034684 NPC2450-11 03/24/06 01:19 25.0 100% 78 - 126 Surrogate: 4-Bromofluorobenzene 24.9 ug/L **Purgeable Petroleum Hydrocarbons** 6034684-MSD1 Gasoline Range Organics ND 3120 ug/L 3050 102% 60 - 140 5 40 6034684 NPC2450-11 03/24/06 01:19 25.0 105% NPC2450-11 03/24/06 01:19 0 - 2006034684 Surrogate: 1,2-Dichloroethane-d4 26.2 ug/L Surrogate: Dibromofluoromethane 22.2 ug/L 25.0 89% 0 - 200 6034684 NPC2450-11 03/24/06 01:19 25.0 103% 0 - 2006034684 NPC2450-11 03/24/06 01:19 ug/L Surrogate: Toluene-d8 25.8 25.0 100% 6034684 NPC2450-11 03/24/06 01:19 24.9 ug/L 0 - 200 Surrogate: 4-Bromofluorobenzene

# **Test**America

ANALYTICAL TESTING CORPORATION

Cambria Env. Tech. (Emeryville) / SHELL (13675) Client 5900 Hollis Street, Suite A Emeryville, CA 94608 Anni Kreml Attn

TestAmerica Analytical - Nashville

NPC2459 Work Order: 4255 MacArthur Blvd., Oakland, CA Project Name: SAP 135701 Project Number: 03/18/06 08:00 Received:

#### **CERTIFICATION SUMMARY**

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8260B	Water	N/A	х	Х

# Test/America

ANALYTICAL TESTING CORPORATION

Cambria Env. Tech. (Emeryville) / SHELL (13675) Client 5900 Hollis Street, Suite A Emeryville, CA 94608 Anni Kreml Attn

NPC2459 Work Order: 4255 MacArthur Blvd., Oakland, CA Project Name: SAP 135701 Project Number: 03/18/06 08:00 Received:

#### NELAC CERTIFICATION SUMMARY

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

<u>Method</u> SW846 8260B <u>Matrix</u> Water

<u>Analyte</u> Gasoline Range Organics



ANALYTICAL TESTING CORPORATION

Cambria Env. Tech. (Emeryville) / SHELL (13675) Client 5900 Hollis Street, Suite A Emeryville, CA 94608 Anni Kreml Attn

NPC2459 Work Order: 4255 MacArthur Blvd., Oakland, CA Project Name: SAP 135701 Project Number: 03/18/06 08:00 Received:

#### DATA QUALIFIERS AND DEFINITIONS

Surrogate outside laboratory historical limits but within method guidelines. No effect on data. **Z10** 

#### METHOD MODIFICATION NOTES

Test America ANALYTICAL TESTING CORPORATION
Nashville Division
<b>COOLER RECEIPT FORM</b>



NPC2459

Coc 1. In	ler Received. dicate the Airbi	<b>Opened</b> Il Tracking	On3/18/0 Number (last 4 di	)68:00 gits for Fedex only	) and Name of Co	ourier below:	307
	Fed-Ex	UPS	Velocity	DHL	Route	Off-street	Misc.
	emperature of r licate IR Gur		ve sample or temp	erature blank wh	en opened:	-   Degi	rees Celsius
NA	A00466		A00750	A01124	100190	101282	Raynger ST
3. 1	Were custody sea	als on outsid	de of cooler? y and where:		Front		¥ÊŞNONA
4. 1	Were the seals in	itact, signed	, and dated correc	tly?		,	SNONA
5. 1	Were custody pa	pers inside	cooler?			•••••	NTSNONA
			r and answered qı	•			
6. 1	Were custody sea			<u> </u>		and Intact	YES NO DA
	were thes	e signed, ar	id dated correctly:				YESNO
7.	What kind of p	packing m	aterial used?	Bubblewrap	Peanuts	Vermiculite	Foam Insert
		Plastic b	ag Paper	Other		No	one
8.	Cooling proce	255:	Ice-	pack Ice (	direct contact)	Dry ice	Other None
9.	Did all containe	rs arrive in	good condition ( u	nbroken)?			JESNONA
			complete (#, date, s				EsNONA
11.			d tags agree with				ESNONA
12.			/ed?				<b>FESNONA</b>
	b. Was there	any observa	ible head space pr	esent in any VOA	vial?		YESNONA
<u>l ce</u>			oler and answered				32
13.	a. On preserve	ed bottles d	id the pH test strip	s suggest that pre	servation reached	the correct pH leve	el? YESNO
			dicate that the cor				ESNONA
	If preser	vation in-h	ouse was needed, r	ecord standard II	) of preservative u	sed here	
14.	Was residual o	hlorine pre:	sent?				YESNO.
I co	ertify that 1 chec	ked for chl	orine and pH as pe	er SOP and answe	red questions 13-1	<u>4 (intial)</u>	JR
15.	Were custody	papers pro	perly filled out (in	k, signed, etc)?			ESNONA
16.		-	papers in the app				ESNONA
17.	• •		ised for the analys				DesNONA
							YESNONA
			pject into LIMS an				<u> </u>
_			l with the unique l				SP-
			ance issues at login	•	as a PIPE generat		NO #

BC#

#### ANALYTICAL TESTING CORPORATION Nashville Division COOLER RECEIPT FORM

BC#

Cooler Received/Opene 1. Indicate the Airbill Tracki	d On03/18/200 ng Number (last 4 digi	06 @ 8:00 its for Fedex only) s	and Name of Cou	urier below: <u> </u>	018
Fed-Ex UPS	Velocity	DHL	Route	Off-street	Misc.
2. Temperature of represent (indicate IR Gun ID#)	ative sample or tempe	rature blank when	opened: <u>}-</u>	D Deg	rees Celsius
NA A00466	A00750	A01124	100190	101282	Raynger ST
3. Were custody seals on out	tside of cooler?			••••••••••• <u>•</u> ••••••	YES NO NA
a. If yes, how m	any and where:		tront	<u> </u>	
4. Were the seals intact, sign	ed, and dated correct	ly?		(	YESNONA
5. Were custody papers insid	de cooler?		••••••	••••••	YES
I certify that I opened the coc	oler and answered que	stions 1-5 (intial)		<u></u>	PRO
6. Were custody seals on cor	ntainers:	YES TO	81	nd Intact	YES NO NA
were these signed,	and dated correctly?	······		****	YESNO
7. What kind of packing	material used?	Bubblawtap	Peanuts	Vermiculite	Foam Insert
Plastic	bag Paper	Other		No	ne
8. Cooling process:	Ice Ice-pa	ack Ice (dir	ect contact)	Dry ice	Other None
9. Did all containers arrive i	in good condition ( unl	broken)?			YBSNONA
10. Were all container label	s complete (#, date, sig	ned, pres., etc)?	•••••		ABSNONA
11. Did all container labels a	and tags agree with cu	stody papers?	••••••	•••••	ZESNONA
12. a. Were VOA vials rece	eived?	•	••••••	•••••	ESNONA
b. Was there any obser	vable head space pres	ent in any VOA via			YESNONA
I certify that I unloaded the c	cooler and answered q	uestions 6-12 (intial	)	• • • • • • • • • • • • • • • • • • • •	JK
13. a. On preserved bottles	did the pH test strips	suggest that preserv	vation reached th	he correct pH leve	1? YESNO., NA
b. Did the bottle labels i	ndicate that the corre	ct preservatives we	re used		YES.).NONA
If preservation in-	house was needed, rec	ord standard ID of	preservative use	d here	<u> </u>
14. Was residual chlorine p	resent?	•••••••			YESNO. NA
I certify that I checked for ch	lorine and pH as per s	SOP and answered	questions 13-14	<u>(intial)</u>	R
15. Were custody papers pr	operly filled out (ink,	signed, etc)?	······································		TESNONA
16. Did you sign the custod	y papers in the approp	oriate place?	• • • • • • • • • • • • • • • • • • • •		MESNONA
17. Were correct containers	used for the analysis i	requested?	•••••••••••••••••••••••••••••••••••••••	····	ESNONA
18. Was sufficient amount o	f sample sent in each o	container?		•••••••	TESNONA
I certify that I entered this p	roject into LIMS and a	answered questions	15-18 (intial)	*****	<u>Sp</u>
<u>I certify that I attached a lab</u>	el with the unique LIN	AS number to each	container (intial	)	70
19. Were there Non-Conform	nance issues at login	YES NO Was a	PIPE generated	YES	NO #

BIS = Broken in shipment Cooler Receipt Form

Revised 3/9/06

LAB: Test America STL Other	, en	·	-210 .org		•			SĤ	iF		Ch	iai	n í	)f (	r	ct	ody	D	200	rð	r 🙃	1941a.sz -	e statu i statu
Lab Identification (if necessary):	Shall	Dusta	4.84			······										10000000							
TA - Morgan Hill, California	1		ct Mana		be in	voic	ed;										INCID	NT N	UMB	R (ES	S ONL	.n	
TA - Nashville, Tennesee	1 E	WIRONME	NTAL SERVI	CES	De	enis	Br	owr	1							9	8	9	9	5	7 5	8	DATE: 3/16/06
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SAMPLING COMPANY:	LOG CODE				_						1 • SEN	U PAP			_								
Blaine Tech Services	BTSS	-						Street a		-	I	0-1-				State			SLOBAL				
ADDRESS:	10100				EDF C	DELIVER	ABLE T	O (Resp	nur	Blv Party or D	Q., U		lan	CI IPHON	ENO.:	CA	<u> </u>		UGU	010	1261	 	CONSULTANT PROJECT NO .:
1680 Rogers Avenue, San Jose, CA 95112 PROJECT CONTACT (Hardcopy or PDF Report to):																							060316-DAZ
Michael Ninokata					Ann	ni Kre	AME(S)	Camb (Print):	oria,	Emer	yville	o Offi	Ce	(510	)420-	-3335	i	s	nell.e	m.edf	@can	100000000000	env.com BTS #
TELEPHONE: FAX:	E-MAL:				-		•			•												LAB	USE ONLY
408-573-0555 408-573-7771	mninok		inetech.c	-	1	Pa	vv	A	116.	nt													
TURNAROUND TIME (STANDARD IS 10 CALENDAR DAY	S):		RESULTS N												PI	500	ERTE					0.0101010000	
			ON WEEKE	ND		· · · · · ·				_	•		<u>.</u>				ESTE		ALT:	010			
GC/MS MTBE CONFIRMATION: HIGHEST HIG	HEST per	BORING	AL	L		15m															lote		FIELD NOTES:
SPECIAL INSTRUCTIONS OR NOTES: CHEC	CK BOX IF	EDD IS NO	T NEEDED		(8260B)	) B			3											ł	See Note		
					82	bie			1														Container/Preservative or PID Readings
					Purgeable	acta		(SOB)													mati		or Laboratory Notes
NPC2459					- B	Т. Т.		B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						â		6	6M)		a l		lino		
03/28/06 17:00					, P.	sel,	60B)	ates	60B	<b>a</b>	8	60B)	(B)	3260	8	:260	(801	5			D) Cl		
REC			REQUEST	ED 🖸	Gas,	ē	(82	gen (	8	826(	(828	(82	(82	Ř	826(	ol (8	lor	5   j			8260		
USE Field Sample Identification	SAMI DATE	PLING TIME	MATRIX	NO. OF CONT,	ΗdΤ	TPH - Diesel, Extractable (8016m)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE TBA DIPE TAM	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Ferrous Iron	annua as muau Suifste		MTBE (8260B) Confirmation,		TEMPERATURE ON RECEIPT C <sup>®</sup>
Mw-2 3	6/20_	1458	Ņ	3	*		×		×	×		M	Ĺ	249	9								
MW-3	<b>V</b>	1520	$\checkmark$	L	×		¥		×	×											1-		
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Reting shed by: (Signature)			Received by:	(Signature)	T	6		20		<del> </del>			<b>—</b>					ate:		~			Time:
al mont frank					X	2	1			/ 				<b></b>		_		$S_{i}$	2.	700	6		1345
STRIPUTION: White with shall report. Green to File, Yellow and Pink to	Client.		11		/a	7	C	-	2	18-	AC	5 - 1 <b>1</b> 4	CON A	then sold	ана на							19. <b>1</b> 8.1	set. 10/16/00 Revision

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### WELL GAUGING DATA

Project # <u>060428.PC</u> Date 4/2eloc Client <u>Shell</u>

## Site 4255 MacArthur Bludy Cakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MWI	4				667	23.27	TOC	
mw-z	4	sider NO	spH det	ected	 9.25	19.74		Jsph
MU3	4	No	SPH det SPH de	exted	3.31	21.97		VSPH
MW4	s				9.02	30.70		
MWS	2				9.02 6.05	19.90		

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

2

BTS #: 060	0428-PC			Site: 9899 5758					
Sampler: PC	•			Date: 4/28/06					
Well I.D.: #	4~1			Well Diameter: 2 3 4 6 8					
Total Well I	Depth (TD	): F	3.27	Depth t	o Water	·(DTW): 6	67		
Depth to Fre	ee Product	: ~		Thickn	ess of F	ree Product (fee	et):		
Referenced	to:	(PVC)	Grade	D.O. M	leter (if	req'd):	YSI HACH		
DTW with 8	80% Recha	arge [(H	eight of Water	Colum	ı x 0.20)	) + DTW]: 6	1,99		
105	Bailer Disposable Ba Positive Air E Electric Subm	Displaceme	nt Extrac Other = 32.4		Well Diamete 1" 2"	Sampling Method: Other: <u>r Multiplier Well</u> 0.04 4" 0.16 6"	Disposable Bailer Extraction Port Dedicated Tubing		
1 Case Volume	Gals.) X Speci	/ fied Volum		Gals.	3"	0.37 Othe			
Time	Temp (°F)	pН	Cond. (mS or سع)		oidity CUs)	Gals. Removed	Observations		
0938	63.4	71	1112	9		10.8	clear		
	well	devat	evel	DR					
				DTW: 12 95 @ 1050					
1238	67.0	7.1	1094	6					
			·						
Did well de	water? (	Yes	No	Gallon	s actuall	y evacuated:	13.0		
Sampling D	ate: 4/28	low	Sampling Tim	e: 23	5	Depth to Wate	r: 10.60		
Sample I.D.	.: mw-l			Labora	tory:	STL Other	[A]		
Analyzed for	or: rph-G	BTEX	MTBE) TPH-D	Other: <	rbA	<u> </u>			
EB I.D. (if	applicable)	):	@ Time	Duplic	ate I.D.	(if applicable):			
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Other:					
D.O. (if req	'd): P1	re-purge:		<sup>mg</sup> / <sub>L</sub> Post-purge:			<sup>mg</sup> /L		
O.R.P. (if re	eq'd): Pr	re-purge:		mV Post-purge: m					

BTS #: 060425 PC1	Site: 98995756				
Sampler: Pc	Date: 4 28 26				
Well I.D.: ۲۰۰۲	Well Diameter: 2 3 4 6 8				
Total Well Depth (TD): 19.74	Depth to Water (DTW): 9.25				
Depth to Free Product:	Thickness of Free Product (feet):				
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH				
DTW with 80% Recharge [(Height of W	Vater Column x 0.20) + DTW]: 11.35				
	Well Diameter         Multiplier         Well Diameter         Multiplier           1"         0.04         4"         0.65				
$\frac{6-8}{1 \text{ Case Volume}} (\text{Gals.}) \times \frac{3}{\text{Specified Volumes}} = \frac{20}{\text{Calculation}}$	Gals.         2"         0.16         6"         1.47           ated Volume         3"         0.37         Other         radius <sup>2</sup> * 0.163				
TimeTemp (°F)pHCond $102\%$ $64.4$ $7.4$ $884$	uS) (NTUs) Gals. Removed Observations				
1038 64.4 7.4 889	ja 0.0 cloudy				
1248 68.1 6.9 940	23 - olar				
Did well dewater? Yes No	Gallons actually evacuated: 7.0				
Sampling Date: 4/26/06 Sampling	Time: 12 11 Depth to Water: 9.59				
Sample I.D.: MJ-2	Laboratory: STL Other TA				
Analyzed for: TPH-G BTEX MTBD TH	PH-D Other: TBA				
EB I.D. (if applicable): @	Duplicate I.D. (if applicable):				
Analyzed for: TPH-G BTEX MTBE TH	PH-D Other:				
D.O. (if req'd): Pre-purge:	<sup>mg</sup> / <sub>L</sub> Post-purge: <sup>mg</sup> / <sub>L</sub>				
O.R.P. (if req'd): Pre-purge:	mV Post-purge: mV				

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Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558

•1

BTS #: 8000	9478-84			Site: 9599 3758					
Sampler: Po				Date: 1	1/20/00	<u>،                                     </u>			
Well I.D.:	MU.3			Well Diameter: 2 3 4 6 8					
Total Well I		): 3	2197	Depth t	o Water	r (DTW): 3.	31		
Depth to Fre	ee Product	:		Thickn	ess of Fi	ree Product (fee	xt):		
Referenced	to:	PVC	Grade	D.O. M	leter (if	req'd):	YSI HACH		
DTW with 8	30% Recha	arge [(H	leight of Water	Column	1 x 0.20)	) + DTW]: 7.6	ч		
¥	Bailer Disposable Ba Positive Air D Electric Subm	Displacemen nersible	ent Extrac Other		Well Diamete I" 2"	0.04 4"	Disposable Bailer Extraction Port Dedicated Tubing		
1 Case Volume	Gals.) X Specif	フ fied Volum		Gals.	2" 3"	0.16 6" 0.37 Other			
Time	Temp (°F)	pН	Cond. (mS or as)	•	oidity [Us)	Gals. Removed	Observations		
955	64.6	6.7	1244	32		12	odor		
	LA.	deva	tored@12.1						
				DTL	1: 12.9	201050			
1238	675	10.7	1282	15			orlar		
Did well de	water?	(Pe)	No	Gallon	s actuall	y evacuated:	Z.[		
Sampling D	ate: 4/28	1.26	Sampling Time	e: (Z3	б	Depth to Wate	r: 9.59		
Sample I.D.	•			Labora	tory:	STL Other 1	A		
Analyzed for	or TPH-G	BTEX	MTBE TPH-D	Other: 7	tRA				
EB I.D. (if a	applicable)	):	@ Time			(if applicable):			
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Other:					
D.O. (if req	'd): P1	re-purge:		<sup>mg</sup> / <sub>L</sub> Post-purge:			<sup>ing</sup> /L		
O.R.P. (if re	eq'd): Pr	re-purge:		mV Post-purge:					

4

BTS #: 060425.901	Site: 989957	Site: 98995758					
Sampler: RC	Date: 4/28/06						
Well I.D.: wor	Well Diameter	Well Diameter: (2) 3 4 6 8					
Total Well Depth (TD): 30.70	Depth to Wate	Depth to Water (DTW): 9,02					
Depth to Free Product:	Thickness of F	Thickness of Free Product (feet):					
Referenced to: Grade	D.O. Meter (if		YSI HACH				
DTW with 80% Recharge [(Height of Wate	er Column x 0.20	) + DTW]: 13;	56				
Electric Submersible Other	Waterra Peristaltic raction Pump	0.04 4"	Diameter Multiplier 0.65				
$\frac{3.7}{1 \text{ Case Volume}} (\text{Gals.}) \times \frac{3}{\text{Specified Volumes}} = \frac{(\vartheta)^2}{\text{Calculated}}$	D Gals. 2" Volume 3"	0.16 6* 0.37 Other	1.47 radius <sup>2</sup> * 0.163				
Time         Temp (°F)         pH         Cond. (mS or pS)           0859         63.0         6.7         1155	Turbidity (NTUs) 448	Gals. Removed	Observations Cloudy				
0901 64.1 6.7 1137	208	7.0	<u>ار ا</u>				
0903 64.2 6.8 1118	588	10,5	· · · · · · · · · · · · · · · · · · ·				
Did well dewater? Yes No	Gallons actual	ly evacuated:	10.5				
Sampling Date: 04/38/06 Sampling Ti	me: 0925	Depth to Wate	r: 9,70				
Sample I.D.: MU-4	Laboratory:	STL Other	A				
Analyzed for: TH-G BTEX MTBB TPH-D	Other: TBA-						
EB I.D. (if applicable):		(if applicable):					
Analyzed for: TPH-G BTEX MTBE TPH-D							
D.O. (if req'd): Pre-purge:	<sup>mg</sup> /L Post-purge:						
O.R.P. (if req'd): Pre-purge:	mV						

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BTS #: <b>(</b>	60428	-PC		Site: 98995758						
Sampler:	PC			Date:	Ylzel					
Well I.D.: M	12.5			Well Diameter: 2 3 4 6 8						
Total Well I	Depth (TD	): 19.90	>	Depth 1	Depth to Water (DTW): 6.05					
Depth to Fre		•		Thickn	Thickness of Free Product (feet):					
Referenced	to:	PVD	Grade	D.O. M	leter (if	req'd):		YSI HACH		
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.82										
Purge Method:	Bailer Disposable Ba Positive Air D Electric Subm	Displaceme		Waterra Peristaltic tion Pump	Well Diamete	Sampling	Other:	Bailer Disposable Bailer Extraction Port Dedicated Tubing		
2.2 (0 1 Case Volume	Gals.) X Speci	S fied Volun	= <b>G</b> -G nes Calculated Vo	Gals. Jume	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)	pH	Cond. (mS or pS)		oidity TUs)	Gals. Re		Observations		
0842	60,9	6.3	+1+	41	<u>7</u>	7.	<u>д</u>	cloudy		
0844	60.8	6.4	614	× ×	>+	4.4	1	<u>\</u>		
0846	61.7	6.6	695	39	4	6.6	2	11		
		·······								
Did well de	water?	Yes	No	Gallon	s actuall	y evacua	ted:	6.6		
Sampling D	ate: 04/2	28/05	Sampling Tim	e: 09	5	Depth to	Water	7.50		
Sample I.D.	: MW.5	-		Labora	tory:	STL C	ther T	<u>4</u>		
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Other:	BH-					
EB I.D. (if a	applicable)	):	@ Time	Duplic	ate I.D.	(if applic	able):		_	
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Other:						
D.O. (if req	'd): P1	e-purge:		<sup>mg</sup> / <sub>L</sub> Post-purge:			<sup>ng</sup> /L			
O.R.P. (if re	eq'd): Pi	e-purge:		mV	Р	ost-purge:		n	ıV	

### WELL GAUGING DATA

Project # 060316-043 Date 3116/06 Client Shell

## Site 4255 MacArthur Blud, Oakland, CA

	Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
¥	Mw-z	4	0/5	No S7	t detect	1	8.10	19.74	Τος	
¥	MW-Z MW-3	4	0 5	Nosp	it detect	ed	10.08	21.97	Ţ	
	* Ba	nged	wsti	iger in	weil					
		J		5						
						-	S: .			
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								j		
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							}			

BTS #: 060	316-DA	3	· · · · ·	Site: 42	-55	Mac Arthur	Blud. Oakland,	CĄ	
Sampler:	DA			Date:		5/16/06			
Well I.D.:	Mu -2	<u></u>		Well Diameter: 2 3 (4) 6 8					
Total Well I	Depth (TD	): [9	.74	Depth to Water (DTW): 810					
Depth to Fre	ee Product	:		Thickness of Free Product (feet):					
Referenced	to:	Ave	Grade	D.O. Me	ter (if i	req'd):	YSI HACH		
DTW with 8	30% Recha	arge [(H	leight of Water	Column 7	<u>( 0.20)</u>	+DTW]: /	0.43		
, 		Displaceme	nt Extrac Other	_Gals.	11 Diameter 1" 2" 3"	Sampling Method Othe 0.04 4" 0.16 6" 0.37 Oth	✓ Disposable Bailer Extraction Port Dedicated Tubing r: <u>Diameter</u> <u>Multiplier</u> 0.65 1.47		
<i></i>	т ( <sup>0</sup> т.)	**	Cond.	Turbic	-				
Time 1438	Temp (°F). 63,1	pH	(mS or (15) 999	(NTU)		Gals. Removed	Observations clear, o dor		
1439	635	<u>6.9</u> 7.0	956	350		7.75	11		
1439				59.		1213			
1456	63.3	7.0	972	17	6		odor, sheen		
Did well de	water?	Xes ·	Ø	Gallons a	actually	y evacuated:	15.5		
Sampling D			Sampling Time	e: 149	- A	Depth to Wat	er: 10.43		
Sample I.D.	: MN-	2	·	Laborato	ry:	STL Other	74		
Analyzed for	r: TP <u>H-G</u>	BTEX	MTBE TPH-D	Other:	TB	A			
EB I.D. (if a	pplicable)	:	@ Time	Duplicate		(if applicable)			
Analyzed for	r: TPH-G	BTEX	MTBE TPH-D	Other:					
D.O. (if req	d): Pr	e-purge:		<sup>mg</sup> / <sub>L</sub> Post-purge:				<sup>mg</sup> /L	
O.R.P. (if re	q'd): Pr	e-purge:		mV	P	ost-purge:		mV	

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	IIIOKIIIO DA								
BTS #: 060316- DA 3	Site: 4255	MacArthur	Blud. Oakland						
Sampler: DA	Date: 3/16/16								
Well I.D.: Mw 3	Well Diameter: 2 3 4 6 8								
Total Well Depth (TD): 21.97	Depth to Water	(DTW): 10.0	8						
Depth to Free Product:	Thickness of Fr	ee Product (fee	et):						
Referenced to: TO Grade	D.O. Meter (if	req'd):	YSI HACH						
DTW with 80% Recharge [(Height of Water	Column x 0.20)	+ DTW]: /	2.46						
Purge Method: Bailer Disposable Bailer Positive Air Displacement Extrac Electric Submersible Other	Waterra Peristaltic ction Pump	Sampling Method: Other:	<ul> <li>Disposable Bailer</li> <li>Extraction Port</li> <li>Dedicated Tubing</li> </ul>						
$\frac{7.7(Gals.) \times \frac{3}{Specified Volumes}}{\frac{3}{Calculated Volumes}} = \frac{23.1}{Calculated Volumes}$	Gals. 1"	<u>Multiplier Well I</u> 0.04 4" 0.16 6" 0.37 Other	0.65 1.47						
TimeTemp (°F)pHCond.TimeTemp (°F)pH(mS or pS)	Turbidity (NTUs)	Gals. Removed	Observations						
1429 63.8 6.9 1260	87	7.75	75 clear, odor						
1430 64.6 6.9 1271	75	15.5							
1430 weis denotered @ 15	59.		•						
1517 62.1 6.9 1238	34	-	odor; shien						
•									
Did well dewater? Yes No	Gallons actuall	y evacuated:	15,5						
Sampling Date: 3/16/00 Sampling Tim	e: 1520	Depth to Wate	r: 1201						
Sample I.D.: Mw-3	Laboratory:	STL Other							
Analyzed for: TPH-G BTEX_MTBE_ TPH-D Other: TBA									
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:	<sup>mg</sup> / <sub>L</sub> Post-purge:								
O.R.P. (if req'd): Pre-purge:	mV Post-purge: mV								

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### ATTACHMENT B

76 Service Station #1156 Groundwater Monitoring Data and Analytical Results

# Table 1 CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS April 28, 2006 76 Station 1156

Date TOC Depth to LPH Ground- Change in TPH-G TPH-G Benzene Toluene Ethyl-Total MTBE MTBE Comments Sampled Elevation Water Thickness water Elevation (8015M) (GC/MS) benzene Xylenes (8021B) (8260B) <sup>+</sup> Elevation (feet) (feet) (feet) (feet) (feet) (µg/l) (µg/l)  $(\mu g/l)$ (µg/l) (µg/l) (µg/l) (µg/l) (µg/l) MW-1 (Screen Interval in feet: 5.0-25.0) 04/28/06 177.54 4.85 0.00 172.69 0.23 74000 6400 --13000 2300 10000 460 280 : MW-2 (Screen Interval in feet: 5.0-25.0) 04/28/06 173.50 3.75 0.00 169.75 0.35 3100 9.4 --3.6 0.94 3.4 3700 3600 MW-3 (Screen Interval in feet: 5.0-25.0) 04/28/06 178.13 5.01 0.00 173.12 0.23 4500 130 250 380 --670 230 180 1 MW-4 (Screen Interval in feet: 5.0-25.0) 04/28/06 178.96 3.94 0.00 175.02 -0.29 710 110 2.4 21 ---22 140 140 MW-5 (Screen Interval in feet: DNA) 04/28/06 169.18 1.02 0.00 168.16 1.01 430 ND<0.30 ND<0.30 ND<0.30 ND<0.60 ---590 520 MW-6 (Screen Interval in feet: DNA) 04/28/06 169.04 ----------ND<50 ND<0.30 ND<0.30 ND<0.30 ND<0.60 ND<1.0 ND<0.50 ---MW-7 (Screen Interval in feet: DNA) 04/28/06 171.64 5.57 0.00 166.07 0.25 6900 0.88 --1.5 0.34 1.0 9600 11000

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ADDITIONAL CURRENT ANALYTICAL RESULTS 76 Station 1156												
Date Sampled	TPH-D	ТВА	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	: .			
<u> </u>	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)				
<b>MW-1</b> 04/28/06	9200	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25				
<b>MW-2</b> 04/28/06		6700	ND<250	ND<0.50 .	1.4	ND<0.50	ND<0.50	1.6	1			
<b>MW-3</b> 04/28/06		190	ND<250	ND<0.50	0.63	ND<0.50	ND<0.50	ND<0.50	1			
<b>MW-4</b> 04/28/06		130	ND<250	ND<0.50	0.97	ND<0.50	ND<0.50	ND<0.50				
MW-5 04/28/06		130	ND<250	ND<0.50	0.95	ND<0.50	ND<0.50	ND<0.50				
<b>MW-6</b> 04/28/06		ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND≪0.50	ND<0.50				
MW-7 04/28/06		2900	ND<250	ND<0.50	3.4	ND<0.50	ND<0.50	6.3				

#### Table 1 a I ADDITIONAL CURRENT ANALYTICAL RESULTS

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# Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS July 1999 Through April 2006

#### 76 Station 1156

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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M) '	TPH-G (GC/MS)	Benzene I	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
<u> </u>	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1	(1	Screen Inte	erval in feet	t: 5.0-25.0)					<u> </u>			·		
07/20/9	9 174.86	7.50	0.00	167.36	'	120000		11000	27000	3300	18000	ND		I
09/28/9	9 174.86	8.75	0.00	166.11	-1.25	6020		1030	1040	68.5	412	321	333	٠
01/07/0	0 174.86	9.05	0.02	165.82	-0.29	72700		7410	13900	2070	9620	ND		GWE corrected
03/31/0	0 174.86	7.18	0.00	167.68	1.86	92000		10000	23000	3200	14000	ND		1
07/14/0	0 174.86	7.68	0.00	167.18	-0.50	108000		8250	18700	3750	17800	ND		I
10/03/0	0 174.86	7.99	0.00	166.87	-0.31	96000		8760	20000	3350	15600	ND		
01/03/0	1 174.86	9.18	0.00	165.68	-1.19	37000		5800	13000	1700	: 8100	2200		
04/04/0	1 174.86	8.05	0.00	166.81	1.13	86900	-	7780	18500	2470	11800	ND	481	
07/17/0	1 174.86	7.01	0.00	167.85	1.04	79000		5600	11000	2800	12000	ND	230	
10/03/0	I 177.54	7.89	0.00	169.65	1.80	99000		8200	18000	3000	16000	ND<2500		:
10/05/0	1 177.54	7.91	0.00	169.63	-0.02							_		
01/28/02	2 177.54	5.98	0.00	171.56	1.93	110000		<sup>18900</sup>	19000	2600	12000	3000	440	
04/25/02	2 177.54	6.19	0.00	171.35	-0.21	93000		8100	18000	3000	15000	810	670	1
07/18/02	2 177.54	6.99	0.00	170.55	-0.80	69000		5400	10000	2100	10000	ND<500	620	:
10/07/02	2 177.54	· 7.73	0.00	169.81	-0.74	82000		9200	20000	2600	13000	1300	760	1
01/06/03	3 177.54	5.48	0.00	172.06	2.25	82000		6500	18000	2700	11000	ND<1000	790	
04/07/03	B 177.54	· 6.30	0.00	171.24	-0.82	74000		7000	15000	2400	11000	1000	800	T
07/07/03	3 177.54	6.47	0.00	171.07	-0.17	60000		6400	11000	2600	11000	600	530	:
10/09/03	3 177.54	7.85	0.00	169.69	<sup>1</sup> 1.38	91000	81000	8100	17000	3200	14000		660	Sampled for TPH-G by
01/14/04	177.54	6.69	0.00	170.85	4.16	98000		8000	21000	2600	15000	ND-1200		8015M on 11/14/03.
04/28/04	177.54	6.43	0.00	171.11	0.26	93000	_	9000	20000	1300	10000	ND<1300 1400	ND<800 560	
07/12/04	177.54	7.44	0.00	170.10	-1.01	57000		6900	7200	1600	580	490		
10/25/04	177.54	7.54	0.00	170.00	-0.10	66000		7300	19000	2700	' 14000	490 ND<1300	440 330	

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#### Table 2

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### HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through April 2006

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#### 76 Station 1156

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(μg/l)	(µg/l)	(µg/l)	
<b>MW-1</b>	continued	1						-						
01/17/0	5 177.54	5.79	0.00	171.75	1.75	86000		8600	21000	3200	15000	ND<1300	570	
04/06/0	5 177.54	4.93	0.00	172.61	0.86	85000		8400	20000	3200	16000	ND<1300	580	
07/08/0	5 177.54	5.35	0.00	172.19	-0.42	69000		' <b>7100</b>	17000	2700	14000	ND<1300	290	
10/07/0	5 177.54	5.96	0.00	171.58	'-0.61	68000		<sup>.</sup> 5900	8300	1800	8300	330	250	ł
01/27/0	6 177.54	5.08	0.00	172.46	0.88	94000	<b>~</b> -	7400	19000	3700	14000	450	360	i
04/28/0	6 177.54	4.85	0.00	172.69	0.23	74000		6400	13000	2300	10000	460	280	I
MW-2	(5	creen Inte	erval in feet	: 5.0-25.0)	I.									
07/20/9	9 173.01	5.40		167.61		ND		ND	ND	ND	ND	4500	11000	
09/28/9	9 173.01	5.60	0.00	167.41	-0.20	1390		1 <b>24</b>	ND	62.9	43.1	5280	6150	
01/07/0	0 173.01	5.92	0.00	167.09	-0.32	1450		99	ND	23.8	16	33100		
03/31/0	0 173.01	5.23	0.00	167.78	0.69	ND		42	ND	ND	ND	17000		
07/14/0	0 173.01	5.52	0.00	167.49	-0.29	ND		44.7	ND	ND	ND	66500	-	
10/03/00	0 173.01	6.04	0.00	166.97	-0.52	ND		56.7	ND	ND	ND	57500		
01/03/0		6.42	0.00	166.59	-0.38	ND		ND	ND	ND	ND	49000		
04/04/0	1 173.01	6.14	0.00	166.87	0.28	ND		ND	ND	ND	ND	38700	37800	
07/17/0		5.30	0.00	167.71	0.84	ND		ND	ND	ND	ND	65000	56000	
10/03/0		7.38	0.00	166.12	-1.59	ND<250		2.7	ND<2.5	ND<2.5	ND<2.5	14000	18000	1
01/28/02		5.68	0.00	167.82	1.70	ND<250		2.5	4.4	2.8	7.4	11000	10000	1
04/25/02		5.82	0.00	167.68	-0.14	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	8400	8100	
07/18/02		6.90	0.00	166.60	-1.08	ND<500		ND<5.0	ND<5.0	ND<5.0	ND<5.0	4300	8800	:
10/07/02		7.54	0.00	165.96	-0.64	4300 ·		ND<10	27	21	75	7100	5900	i
01/06/03		6.79	0.00	166.71	0.75	5900		ND<5.0	ND<5.0	ND<5.0	ND<5.0	31000	35000	i
04/07/03		6.49	0.00	167.01	0.30	1500		ND<10	14	11	38	2000	1500	1
07/07/03	3 173.50	6.72	0.00	166.78	-0.23	ND<2500		ND<25	ND<25	ND<25	ND<25	5500	8300	1

# Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS July 1999 Through April 2006 76 Station 1156

Date Sampled	TOC Elevation	Depth to Water	LPH : Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
<u> </u>	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	<sup>i</sup> (μg/l)	(µg/l)	(µg/l)	
MW-2	continued											<u> </u>	(101)	
10/09/0			0.00	166.34	-0.44	3500	ND<5000	ND<50	ND<50	ND<50	<sup>:</sup> ND<100		8500	Sampled for TPH-G by 8015M on 11/14/03.
01/14/0	4 173.50	5.53	0.00	167.97	1.63	3200		ND<25	ND<25	ND<25	ND<25	2600	3200	
04/28/0		5.21	0.00	168.29	0.32	22000		'ND<3	9.2	ND<3	ND<6	35000	22000	
07/12/0		5.83	0.00	167.67	-0.62	1700		3.8	18	2.6	16	3000	3000	
10/25/0	4 173.50	6.89	0.00	166.61	<sup>t</sup> -1.06	3400		ND<25	ND<25	ND<25	ND<25	1800	1600	:
01/17/0	5 173.50	5.70	0.00	167.80	1.19	1700		ND<10	ND<10	ND<10	ND<10	1600	1500	:
04/06/0		4.50	0.00	169.00	1.20	3000		ND<20	ND<20	ND<20	! ND<20	2500	3200	
07/08/0	5 173.50	4.69	0.00	168.81	-0.19	ND<2000		ND<20	ND<20	ND<20	' ND<20	2900	3100	
10/07/0	5 173.50	4.61	0.00	168.89	0.08	7500		6.7	6.6	ND<3.0	ND<6.0	5900	5200	
01/27/0		4.10	0.00	169.40	0.51	2500		1.0	2.6	ND<0.30		2600	2800	
04/28/0	6 173.50	3.75	0.00	169.75	0.35	3100		9.4	3.6	0.94	3.4	3700	3600	
MW-3	(5	creen Inte	rval in feet	: 5.0-25.0)	:									
07/20/9		8.50		169.94		1000		76	52	79	76	330		I
09/28/9	9 178.44	8.31	0.00	170.13	0.19	1860		174	95.4	71.8	135	443	288	
01/07/00	0 178.44	8.56	0.00	169.88	-0.25	28400		2450	3090	1560	3910	1940		
03/31/00	0 178.44	8.42	0.00	170.02	0.14	26000		1300	2900	2600	3500	2800		I
07/14/00		8.61	0.00	169.83	±0.19	24500		1850	2630	2750	3900	548		
10/03/00	) 178.44	9.14	0.00	169.30	<sup>1</sup> 0.53	22000 ·		1910	2020	2400	2680	965		
01/03/01		9.06	0.00	169.38	0.08	14000		1600	1100	2300	1400	3300		
04/04/01	l 178.44	8.98	0.00	169.46	0.08	19600		1150	1470	2100	1820	1050	450	
07/17/01	178.44	7.46	0.00	170.98	1.52	26000		1500	2100	2100	3400	ND	350	:
10/03/01		9.81	0.00	168.32	-2.66	22000		830	1900	1700	3000	ND<1000		
01/28/02	2 178.13	7.39	0.00	170.74	2.42	30000		880	2600	1800	4300	3200	210	

### Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS July 1999 Through April 2006 76 Station 1156

Date Sampled	TOC Elevation	Depth to Water	LPH - Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
<u> </u>	(fcet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	∣ (µg/l)	(µg/l)	(µg/l)	
MW-3	continued	÷												
04/25/0	2 178.13	7.86	0.00	170.27	-0.47	18000		' 500	2000	1300	3800	500	260	
07/18/0		8.83	0.00	169.30	'-0.97	37000		' 1800	3800	2200	8000	ND<250	270	
10/07/0	2 178.13	9.71	0.00	168.42	'-0.88	26000		600	2000	1800	6400	ND<120	ND<200	
01/06/0		7.40	0.00	170.73	12.31	27000		800	2100	2000	6400	440	110	
04/07/0		8.17	0.00	169.96	-0.77	28000		660	2200	1900	6300	440	100	
07/07/0		8.35	0.00	169.78	-0.18	33000		1200	2500	2700	8300	280	100	
10/09/0	3 178.13	9.39	0.00	168.74	-1.04	3800	6000	120	260	390	1200		190	Sampled for TPH-G by
01/14/04	4 178.13	6.86	0.00	171 07	0.52									8015M on 11/14/03.
04/28/04			0.00	171.27	2.53	5100		120	240	310	720	190	230	
07/12/04		6.63		171.50	0.23	7300		250	440	580	1300	740	240	
		7.41	0.00	170.72	-0.78	5500		350	310	120	350	180	100	
10/25/04		8.81	0.00	169.32	-1.40	3300		96	140	270	490	94	260	I
01/17/0		6.37	0.00	171.76	2.44	3400		150	270	360	750	55	200	i
04/06/05		4.69	0.00	173.44	1.68	14000		420	1300	1000	3100	ND<250	200	:
07/08/05		5.23	0.00	172.90	-0.54	5000 ·		180	290	500	800	ND<250	150	
10/07/05	5 178.13	6.35	0.00	171.78	-1.12	6800		270	120	ND<0.30	210	260	180	:
01/27/06	5 178.13	5.24	0.00	172.89	4.11	3200		120	140	270	460	280	250	:
04/28/06	5 178.13	5.01	0.00	173.12	0.23	4500	-	130	250	380	670	230	180	
MW-4	(Se	creen Inte	rval in feet:	5.0-25.0)										
07/20/99		7.40		171.70		69		2.7	0.77	ND	7.1	100		
09/28/99	9 179.10	7.19	0.00	171.91	0.21	4050 I		1250	72	51.3	133	416	459	
01/07/00	) 179.10	8.98	0.00	170.12	-1.79	7010		2260	167	271	276	764	439	
03/31/00	) 179.10	7.26	0.00	171.84	1.72	5500		1800	230	330	400	1000		
07/14/00	) 179.10	7.67	0.00	171.43	-0.41	7940		2810	332	450	247	1530		
								-010	· 220	750	247	1330		1

# Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS July 1999 Through April 2006 76 Station 1156

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Co	omments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	<sup> </sup> (μg/l)	(µg/l)	(µg/l)		
MW-4	continued	;								· · ·				·	
10/03/0	0 179.10	8.12	0.00	170.98	-0.45	11400		+3110	437	519	816	1040			
01/03/0		9.10	0.00	170.00	-0.98	8600		2500	340	480	960	850		i	
04/04/0		1 8.63	0.00	170.47	0.47	9950		2380	126	416	725	1140	819		
07/17/0		6.49	0.00	172.61	2.14	10000		2300	110	410	800	1200	900		
10/03/0		7.01	0.00	171.95	<sup>l</sup> -0.66	7800		2100	85	380	390	580	820		
01/28/0	-	6.21	0.00	172.75	0.80	12000		2100	130	350	670	1100	500		
04/25/0			0.00	173.47	0.72	3300		1300	42	270	250	680	600		
07/18/0		8.28	0.00	170.68	-2.79	4800		1300	71	290	220	530	760		
10/07/0		<sup>°</sup> 7.49	0.00	171.47	0.79	5100		1400	110	330	380	650	540		
01/06/0		· 6.36	0.00	172.60	1.13	5600		1100	57	260	320	370	520		
04/07/0	3 178.96	6.24	0.00	172.72	0.12	5100		1100	<b>5</b> 5	190	370	550	420		
07/07/0		6.43	0.00	172.53	-0.19	3000		920	28	170	330	480	450	1	
10/09/0	3 1 <b>78.96</b>	7.97	0.00	170.99	-1.54	530	700	100	2.2	5.4	14		270		for TPH-G by on 11/14/03.
01/14/0		6.30	0.00	172.66	1.67	530		88	4.1	9.9	11	150	180	1	
04/28/0	4 178.96	5.68	0.00	173.28	0.62	1200		200	5.3	21	13	490	310	1	
07/12/0		6.48	0.00	172.48	-0.80	3600	-	1000	14	260	72	710	470	:	
10/25/04		6.85	0.00	172.11	-0.37	<b>490</b> ·		34	ND<2.5	ND<2.5	ND<2.5	200	170		
01/17/0:		4.56	0.00	174.40	2.29	620		100	2.6	15	8.0	240	200		
04/06/0		2.90	0.00	176.06	1.66	630		81	9.6	16	41	ND<25	26		
07/08/0:		3.74	0.00	175.22	-'0.84	980		170	24	44	140	ND<25	64		
10/07/0:		4.24	0.00	174.72	-0.50	<b>4900</b> ·		1100	11	110	110	370	310		
01/27/06		3.65	0.00	175.31	0.59	2800		580	20	130	230	320	240		
04/28/06	6 178.96	3.94	0.00	175.02	-0.29	710	-	110	2.4	21	22	140	140		

#### Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS July 1999 Through April 2006 76 Station 1156

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene !	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	
. <u> </u>	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	¦ (μg/l)	(µg/l)	(µg/l)	
MW-5	(5	Screen Int	erval in feel	t: DNA)	. –									
10/03/0	1 169.18	2.81	0.00	166.37		ND<50		ND<0.50	ND<0:50	ND<0.50	ND<0.50	1800	2100	1
01/28/0	2 169.18	1.88	0.00	167.30	0.93	ND<50		ND<0.50	ND<0:50	ND<0.50	ND<0.50	650	550	:
04/25/0	2 169.18	1.99	0.00	167.19	-0.11	ND<50		ND<0.50	ND<0:50	ND<0.50	ND<0.50	2200	2400	1
07/18/0	2 169.18	2.49	0.00	166.69	-0.50	ND<50		ND<0.50	ND<0:50	ND<0.50	ND<0.50	530	690	:
10/07/0	2 169.18	· 2.80	0.00	166.38	-0.31	140		ND<0.50	ND<0.50	ND<0.50	ND<0.50	300	330	:
01/06/0	3 169.18	1.86	0.00	167.32	0.94	120		ND<0.50	ND<0.50	ND<0.50	ND<0.50	410	350	
04/07/0	3 169.18	2.15	0.00	167.03	-0.29	220		0.53	ND<0.50	ND<0.50	ND<0.50	450	420	
07/07/0	3 169.18	2.26	0.00	166.92	<sup>i</sup> -0.11	120		ND<1.2	ND<1.2	ND<1.2	ND<1.2	220	200	:
10/09/0	3 169.18	2.72	0.00	166.46	<sup>i</sup> -0.46	560	210	ND<1.0	ND<1.0	ND<1.0	ND<2.0		290	Sampled for TPH-G by 8015M on 11/14/03.
01/14/0	4 169.18	2.00	0.00	167.18	0.72	560		ND<2.5	ND<2.5	ND<2.5	ND<2.5	670	760	
04/28/04	4 169.18	2.01	0.00	167.17	-0.01	760		ND<0.3	1.8	ND<0.3	ND<0.6	1200	790	
07/12/04	4 169.18	2.56	0.00	166.62	-0.55	96		1.8	3.3	0.54	3.6	2.8	ND<0.5	5 :
10/25/04	4 169.18	2.43	0.00	166.75	0.13	1100		ND<5.0	ND<5.0	ND<5.0	ND<5.0	780	1100	
01/17/0	5 169.18	1.49	0.00	167.69	0.94	720		ND<5.0	ND<5:0	ND<5.0	ND<5.0	530	550	
04/06/03	5 169.18	· 0.95	0.00	168.23	0.54	830		ND<5.0	ND<5:0	ND<5.0	ND<5.0	600	760	
07/08/0:	5 169.18	1.49	0.00	167.69	-0.54	ND<500		ND<5.0	ND<5:0	ND<5.0	ND<5.0	570	630	
10/07/05	5 169,18	1.92	0.00	167.26	-0.43	540 ·		ND<0.30	ND<0.30	ND<0.30	ND<0.60	530	490	
01/27/06	6 169.18	2.03	0.00	167.15	-0.11	<b>490</b> ·		ND<0.30	ND<0.30	ND<0.30	ND<0.60	580	610	
04/28/06	5 169.18	1.02	0.00	168.16	1.01	430		ND<0.30	ND<0.30	ND<0.30	ND<0.60	590	520	1
MW-6	(S	creen Inte	rval in feet	: DNA)	i.									
10/03/01	1 169.04	2.87	0.00	166.17	-	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	200	270	I
01/28/02	2 169.04	1.82	0.00	167.22	1.05	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5		
04/25/02	2 169.04	2.01	0.00	167.03	-0.19	ND<50	-	ND<0.50	ND<0.50	ND<0.50		ND<2.5		

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# Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS July 1999 Through April 2006 76 Station 1156

Date Sampled		Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
. <u> </u>	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
	continued													
07/18/0			0.00	166.60	-0.43	ND<50		ND<0.50	ND<0:50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
10/07/0		· 2.72	0.00	166.32	-0.28	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
01/06/0		1.90	0.00	167.14	0.82	ND<50		0.62	1.2	1.2	3.5	ND<2.0	ND<2.0	
04/07/0	3 169.04	· 2.02	0.00	167.02	-0.12	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	46	46 :	
07/07/0	3 169.04	2.21	0.00	166.83	-0.19	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
10/09/0		÷ 2.71	0.00	166.33	-0.50	ND<50	ND<50	0.95	3.0	1.4	5.5		ND<2.0	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04		2.00	0.00	167.04	0.71	ND<50		ND<0.50	0.57	ND<0.50	0.64	ND<5.0	ND<2.0	
04/28/04	4 169.04	2.18	0.00	166.86	-0.18	ND<50		0.39	0.78	ND<0.3	ND<0.6	ND<1	ND<0.5	
07/12/04	4 169.04	2.69	0.00	166.35	-0.51	ND<50		ND<0.3	ND<0:3	ND<0.3	ND<0.6	6.4	ND<0.5	
10/25/04		2.46	0.00	166.58	0.23	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.57	
01/17/0		1.54	0.00	167.50	0.92	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
04/06/05	5 169.04	1.15	0.00	167.89	0.39	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
07/08/0		1.05	0.00	167.99	0.10	ND<50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
10/07/05		1.90	0.00	167.14	-0.85	ND<50	¥~	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND⊲1.0	ND<0.50	
01/27/06		1.32	0.00	167.72	0.58	ND<50		ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND⊴1.0	ND<0.50	
04/28/06	5 169.04					ND<50		ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
MW-7														
10/03/01	l 171.64	7.62	0.00	164.02	·	10000		210	ND<50	ND<50	800	35000	40000	
01/28/02	-	7.21	0.00	164.43	0.41	ND<1000		ND<10	ND<10	ND<10	1ND<10	42000	38000 :	
04/25/02	2 171.64	· 7.25	0.00	164.39	-0.04	ND<5000		660	ND<50	ND<50	ND<50	42000	45000	
07/18/02	_	8.12	0.00	163.52	<sup>⊥</sup> 0.87	ND<5000		130	ND<50	ND<50	ND<50	51000	53000	
10/07/02		· 7.71	0.00	163.93	0.41	18000		ND<50	ND<50	ND<50	ND<50	33000	38000	
01/06/03	8 171.64	· 7.63	0.00	164.01	0.08	410 '		0.61	1.0	0.89	2.9	3900	3100	

# Table 2HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTSJuly 1999 Through April 200676 Station 1156

Date Sampled	TOC Elevation	Depth to Water	LPH . Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l) .	
<b>MW-</b> 7	continued	L .												
04/07/0	3 171.64	1 7.58	0.00	164.06	0.05	13000		ND<20	ND<20	ND<20	ND<20	32000	28000	
07/07/0	3 171.64	1 7.56	0.00	164.08	0.02	990		8.2	ND<0.50	1.2	ND<0.50	36000	45000	
10/09/0	3 171.64	¢ 7.72	<b>0.00</b>	163.92	-0.16	6800	ND<13000	ND<130	ND<130	ND<130	ND<250	-	20000	Sampled for TPH-G by 8015M on 11/14/03.
01/14/0	4 171.64	6.97	0.00	164.67	0.75	19000		ND<100	ND<100	ND<100	ND<100	20000	25000	
04/28/0	4 171.64	8.70	0.00	162.94	'-1.73	19000		·ND<3	ND<3	ND<3	ND<6	30000	21000	
07/12/0	4 171.64	9.44	0.00	162.20	<sup>i</sup> -0.74	12000		28	14	330	200	12000	11000	
10/25/0	4 171.64	7.23	0.00	164.41	2.21	28000		ND<250	ND<250	ND<250	ND<250	13000	14000	
01/17/0	5 171.64	6.30	0.00	165.34	10.93	15000		ND<100	ND<100	ND<100	'ND<100	17000	16000	
04/06/0	5 171.64	5.96	0.00	165.68	10.34	13000		ND<100	ND<100	ND<100	'ND<100	14000	17000 +	
07/08/0	5 171.64	6.45	0.00	165.19	-0.49	ND<10000		ND<100	ND<100	ND<100	'ND<100	8600	11000	
10/07/0	5 171.64	6.78	0.00	164.86	-0.33	13000		ND<3.0	ND<3.0	ND<3.0	ND<6.0	9400	9800	
01/27/0	6 171.64	5.82	0.00	165,82	0.96	8200		0.64	1.6	ND<0.30	ND<0.60	9900	7900	
04/28/0	6 171.64	5.57	0.00	166.07	0.25	6900		0.88	1.5	0.34	1.0	<b>96</b> 00	11000	

							76 Stat	tion 1156							
Date Sampled	TPH-D	TBA	Ethano (8015B				DIPE	ETBE	TAME	Acenaph- thylene	Bromo- dichloro- methane	Bromo- fo <del>rm</del>	Bromo- methane	Carbon Tertra- chloride	Chloro- benzene
	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(μg/l)	(µg/l)	(µg/l)	(μg/l)	(µg/l)	(µg/l)	(µg/l)	' (µg/l)	(µg/l)	(µg/l)
MW-1										· · · ·					
07/20/99	16000	·			-		•~								12
09/28/99	2410	ND					ND	ND	ND						
01/07/00	7870	·													
03/31/00	3600	·													
07/14/00	8580	·										_			
10/03/00	9260										_				
01/03/01	11000														
04/04/01	14000	ND		ND	ND	ND	ND '	ND	ND						
07/17/01	2200	ND		ND	ND	ND	ND	ND	ND						5.6
10/05/01	13000														
01/28/02	4400	·													
04/25/02	9000	۰ <b>ــ</b>				_									
07/18/02	9200	ND<100	·	ND<2500000	ND<10	ND<10	ND<10	ND<10	ND<10						
10/07/02	3400	ND<10000	<u> </u>	ND<50000000	ND<200	ND<200	ND<200	ND<200	ND<200						5.9
01/06/03	5100	ND<20000	'	√D<10000000C		ND<400	ND<400	ND<400	1 ND<400		_				
04/07/03	2800	ND<10000	'			ND<200	ND<200	ND<200	ND<200						
07/07/03	7000	ND<25000	ND<120000		ND<500	ND<500	ND<500	ND<500	ND<500				-		
10/09/03	4300	ND<20000	<b></b> ·	ND<100000	ND<400	ND<400	ND<400	ND<400	ND<400						ND<120
01/14/04	6200	ND<40000		ND<200000	ND<800	ND<800	ND<800	ND<800	ND<800		'				
04/28/04		800		ND<1000	ND<50	ND<50	ND<1	ND<1	ND<1						
07/12/04	270	1100		ND<20000	ND<10	ND<10	ND<20	ND<20	ND<20	ND<2	ND<10	 ND<10			
10/25/04	5100	ND<2000	<u> </u>	ND<20000		ND<200	ND<400	ND<200	ND<200				ND<20	ND<10	ND<10
01/17/05	6400	3100		ND<20000		ND<200	ND<400	ND<200	ND<200						
04/06/05	2800	1500		ND<10000		ND<100	ND<100	ND<100	ND<100		-				
07/08/05	6400	ND<1300	<b></b> '	ND<13000	ND<130	3.8	ND<130	ND<100			 ND<0.50				
10/07/05	5500	680		ND<250	ND<0.50	ND<0.50	ND<0.50	ND<150	ND<130 ND<0.50	-		ND<2.0	ND<1.0	ND<0.50	12
							0100		112-0.30		'				

Table 2 a	
ADDITIONAL HISTORIC ANALYTICAL RESULTS	
76 Station 1156	

					ADDI	FIONAL F			ICAL RES	SULTS	ł				
Date Sampled	трн-d	TBA	Ethanol (8015B)			1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph- thylene	Bromo- dichloro- methane	Bromo- form	Bromo- methane	Carbon Tertra- chloride	Chloro- benzene
	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1 c										<u> </u>					
01/27/06	9000	ND<500	1	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25						
04/28/06	9200	ND<500	'	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25						
MW-2															
09/28/99		ND					ND	ND	ND						
04/04/01		ND		ND	ND	ND	ND	ND	ND						
07/17/01	~-	ND		ND	ND	ND	ND ·	ND	ND						
07/18/02		ND<1000	'	ND<25000000	ND<100	ND<100	ND<100	ND<100	ND<100						
10/07/02		ND<20000	·	VD<10000000C	ND<400	ND<400	ND<400	ND<400	ND<400						
01/06/03	_	ND<50000		VD<25000000C		ND<1000	ND<1000	ND<1000	ND<1000						
04/07/03		ND<2000	!	ND<10000000	ND<40	ND<40	ND<40	ND<40	ND<40						
07/07/03		ND<5000	'	ND<25000000	ND<100	ND<100	ND<100	ND<100	ND<100						
10/09/03		ND<10000	'	ND<50000		ND<200	ND<200	ND<200	ND<200						
01/14/04		ND<2500		ND<13000	ND<50	ND<50	ND<50	ND<50	ND<50						
04/28/04		13000		ND<1000	ND<0.5	ND<0.5	ND<1	ND<1	11		'				
07/12/04		110		ND<4000	ND<3	ND<3	ND<5	ND<5	ND<5						
10/25/04		1100		ND<1300	ND<13	ND<13	ND<25	ND<13	ND<13						
01/17/05		1200		ND<1300	ND<13	ND<13	ND<25	ND<13	ND<13 ND<13						
04/06/05		2800		ND<2500	ND<25	ND<15 ND<25	ND<25	ND < 13	ND < 13 ND < 25		••				
07/08/05		4300		ND<2500	ND<25	ND<25	ND<25 ND<25				-				
10/07/05		8700		ND<250	ND<0.50	1.4	ND<0.50	ND<25 ND<0.50	ND<25 ND<0.50						
01/27/06		5200		ND<12000	ND<25	ND<25	ND<25								
04/28/06		6700		ND<250	ND<0.50	1,4	ND<25 ND<0.50	ND<25 ND<0.50	ND<25		'			-	
				110 -250		1,7	112 -0.50	110-0.00	1.6						
MW-3 09/28/99															
09/28/99							ND	ND	8.80		<b></b> '		-		
07/17/01		' ND		ND	ND	ND	ND	ND	ND						
07/17/01		ND		ND	ND	ND	ND	ND	ND		'				

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

							76 Stati	ion 1156							
Date Sampled	TPH-D	TBA	Ethanol (8015B)		•	1,2-DCA (EDC)	DIPE	ETBE	i TAME	Acenaph- thylene	Bromo- dichloro- methane	Bromo-	Bromo- methane	Carbon Tertra- chloride	Chloro- benzene
	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	ι (μg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-3 c	ontinued										<b></b>				
07/18/02		ND<50		ND<1200000	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0						
10/07/02		ND<10000	1	ND<50000000	ND<200	ND<200	ND<200	ND<200	' ND<200			-			
01/06/03		ND<4000		23000000	ND<80	ND<80	ND<80	ND<80	ND<80						
04/07/03		ND<4000	-	ND<20000000	ND<80	ND<80	ND<80	ND<80	ND<80						
07/07/03		ND<2000		ND<10000000	ND<40	ND<40	ND<40	ND<40	ND<40						
10/09/03		ND<1000		ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20						
01/14/04		ND<1000		ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20						
04/28/04		ND<12		ND<1000	ND<3	ND<3	ND<1	ND<1	ND<1						
07/12/04		350		ND<20000	ND<10	ND<10	ND<20	ND<20	ND<20						
10/25/04		39		ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5		-				
01/17/05		120		ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5						
04/06/05		150		ND<1000	ND<10	ND<10	ND<10	ND<10	ND<10						
07/08/05		64		ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5			-			
10/07/05	_	ND<200	<del></del> '	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10						
01/27/06		ND<10		ND<250	ND<0.50	1.5	ND<0.50	ND<0.50	ND<0.50						
04/28/06		+ 190		ND<250	ND<0.50	0.63	ND<0.50	ND<0.50	ND<0.50						
MW-4															
09/28/99		ND					ND	ND	ND						
04/04/01		ND		ND	ND	ND	ND ·	ND	ND						
07/17/01		ND ND		ND	ND	ND	ND ·	ND	ND						
07/18/02	-	ND<100	·	ND<2500000	ND<10	49	ND<10	ND<10	ND<10						
10/07/02		ND<10000	·	ND<50000000		ND<200	ND<200	ND<200	ND<10						
01/06/03	-	ND<1000	<b></b> ·	ND<5000000	ND<20	ND<20	ND<200		ND<200						
04/07/03		ND<1000		ND<5000000	ND<20	ND<20	ND<20	ND<20 ND<20	ND<20						
07/07/03		ND<1000	<b></b> .	ND<5000000	ND<20	ND<20	ND<20 ND<20	ND<20 ND<20	ND<20		_				
10/09/03		ND<200	<b></b> ·	ND<1000		ND<20 ND<4.0									
					1417-410	1417-410	ND<4.0	ND<4.0	ND<4.0						

Table 2   a	
ADDITIONAL HISTORIC ANALYTICAL RESULTS	
76 Station 1156	

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							76 Stati	on 1156							
Date Sampled	TPH-D	TBA	Ethanol (8015B)		,	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph- thylene	Bromo- dichloro- methane	Bromo- form	Bromo- methane	Carbon Tertra- chloride	Chloro- benzene
	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	i (μg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
	continued														
01/14/04		ND<200		ND<1000	ND<4.0	6.5	ND<4.0	ND<4.0	ND<4.0						
04/28/04		150		ND<1000	ND<0.5	ND<0.5	ND<1	ND<1	ND<1		-				
07/12/04		210	•	ND<4000	ND<3	14	ND<5	ND<5	ND<5						
1 <b>0/25/04</b>		38		ND<100	ND<1.0	2.0	ND<2.0	ND<1.0	ND<1.0						
01/17/05		110		ND<100	ND<1.0	3.6	ND<2.0	ND<1.0	ND<1.0						
04/06/05		ND<25		73000	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5						
07/08/05		29		ND<50	ND<0.50	1.2	ND<0.50	ND<0.50	ND<0.50						
10/07/05		210		ND<250	ND<0.50	26	ND<0.50	ND<0.50	ND<0.50	_					
01/27/06		280		ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0						
04/28/06		130		ND<250	ND<0.50	0.97	ND<0.50	ND<0.50	ND<0.50	_					
MW-5															
07/18/02		ND<20		ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0			-			
10/07/02		ND<100	<sup>.</sup>	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0						
01/06/03	ND<50	ND<100	<b></b> '	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0						ND<0.50
04/07/03		ND<500	'	ND<2500000	ND<10	ND<10	ND<10	ND<10	ND<10						
07/07/03		ND<200	<u> </u>	ND<1000000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0						
10/09/03		ND<200	<b></b> '	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0		<b>*</b> -				
01/14/04		ND<2000	<sup>`</sup>	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40						
04/28/04		ND<12		ND<1000	ND<0.5	1.8	ND<1	ND<1	ND<1						
07/12/04		ND<12	1	ND<800	ND<0.5	0.76	ND<1	ND<1	ND<1		<u> </u>				
10/25/04		ND<500	·	ND<5000	ND<50	ND<50	ND<100	ND<50	ND<50		<b></b> .				
01/17/05		. 100		ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5		·				
04/06/05		7.6	-	ND<50	ND<0.50	1.4	ND<0.50	ND<0.50	ND<0.50		<b></b> ·				
07/08/05		180		ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0		·				
10/07/05		ND<10	·	ND<250	ND<0.50	1.0	ND<0.50	ND<0.50	ND<0.50						
01/27/06		1000			ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0						
									-12 -0.0						

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

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							76 Stat	ion 1156		0210	'				
Date Sampled	TPH-D	, ,	Ethanol (8015B)	Ethanol (8260B)		1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph- thylene	Bromo- dichloro- methane	Bromo- form	Bromo- methane	Carbon Tertra- chloride	Chloro- benzene
	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	' (μg/l)	(µg/l)	(µg/l)
<b>MW-5</b> 04/28/06	<b>continued</b>	130		ND<250	ND<0.50	0.95	ND<0.50	ND<0.50	ND<0.50						
MW-6															
07/18/02	2	ND<20	-	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0						
10/07/02		ND<100	1	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0						_
01/06/03		ND<100		ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	-					
04/07/03	3	ND<100		ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	' ND<2.0						
07/07/03	3	ND<100	'	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	' ND<2.0	-					
10/09/03	}	ND<100	'	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	• ND<2.0						
01/14/04	÷	ND<100	'	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0						
04/28/04	·	ND<12		ND<1000	ND<0.5	ND<0.5	ND<1	ND<1	ND<1						
07/12/04		ND<12		ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1						
10/25/04	·	ND<5.0		ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50						
01/17/05	;	ND<5.0	i	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50						
04/06/05		ND<5.0		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50						
07/08/05	;	ND<5.0		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50						
10/07/05	i	ND<10		ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-					
01/27/06	i	ND<10		ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50						
04/28/06		ND<10		ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50						
MW-7															
07/18/02		133000	-	ND<5000000	ND<20	ND<20	ND<20	ND<20	ND<20						
10/07/02		26000	、	100000000C		ND<400	ND<400	ND<400	ND<400						
01/06/03	ND<50	ND<10000		ND<50000000		ND<200	ND<200	ND<200	ND<200						
04/07/03		ND<40000		ND<200000000		ND<800	ND<800	ND<800	ND<800						ND<50
07/07/03		27000		ND<100000000		ND<400	ND<400	ND<400	ND<400						
10/09/03		ND<25000	·		ND<500	ND<500	ND<500	ND<500	ND<500						
01/14/04		ND<40000	<b></b> ·		ND<800	ND<800	ND<800	ND<800	ND<800						
1156							Doge 4								

Table 2   a	
ADDITIONAL HISTORIC ANALYTICAL RESULTS	3
76 Station 1156	

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Date Sampled	ТРН-D	ТВА	Ethanol (8015B)	Ethanol : (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph- thylene	Bromo- dichloro- methane	Bromo- form	Bromo- methane	Carbon Tertra- chloride	Chloro- benzene
	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	ι (μg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
	continued													<u> </u>	
04/28/04		9200		ND<1000	ND<0.5	6.8	ND <i< td=""><td>ND&lt;1</td><td>12</td><td></td><td></td><td></td><td></td><td></td><td></td></i<>	ND<1	12						
07/12/04		4600		ND<8000	ND<5	5.1	ND<10	ND<10	ND<10						
10/25/04	· _	3900		ND<5000	ND<50	ND<50	ND<100	ND<50	ND<50						
01/17/05		4200		ND<5000	ND<50	ND<50	ND<100	ND<50	' ND<50	-				_ <u>_</u>	
04/06/05		4200		ND<10000	ND<0.50	6.4	ND<0.50	ND<0.50	· 9.3						
07/08/05		4300		ND<5000	ND<50	ND<50	ND<50	ND<50	ND<50						
10/07/05		1100		ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25						
01/27/06		1600		ND<25000	ND<50	ND<50	ND<50	ND<50	ND<50						
04/28/06		2900		ND<250	ND<0.50	3.4	ND<0.50	ND<0.50	6.3						

Table 2   a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

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Date Sampled	Chloro- ethane	Chloroform	Chloro- methane	Dibromo- chloro- methane	I,2- Dichloro- benzene	1,3- Dichloro- benzene	1,4- Dichloro- benzene	Dichloro- difluoro- methane	1,1-DCA	1,1-DCE	cis- 1,2- DCE	trans- 1,2- DCE	I,2- Dichloro- propane	cis-1,3- Dichloro- propene	trans-1,3- Dichloro- propene
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
<b>MW-1</b> 07/20/99					3.9				2.0		3.6		0.92		
03/31/00					6.2										
04/04/01				-	4.6					-	3.4				
07/17/01					18					-					
07/18/02	1.1		<b>⊷</b>		5.8		1.3				1.3				
07/07/03											ND<120		I		
07/12/04	ND<10	ND<10	ND<10	ND<10	ND<2	ND<2	ND<2	ND<10	ND<10	ND<10	ND<10	ND<10	: ND<10	ND<10	ND<10
07/08/05	1.0	ND<0.50	ND<1.0	ND<0.50	9.0	ND<0,50	1.2	ND<1.0	1.3	ND<0.50	3.1 '	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-5</b> 01/06/03		' _			<b>-</b> -	<u></u>					ND<0.50		·		
<b>MW-7</b> 01/06/03		·			_						ND<50		I		

# Table 2 bADDITIONAL HISTORIC ANALYTICAL RESULTS76 Station 1156

Date Sampled	Hexa- chloro- butadiene	Methylene chloride	Naph- thalene	n-Propyl- benzenel	1,1,2,2- Tetrachlorc ethane	Tetrachloro ethene (PCE)	- Trichloro- trifluoro- ethane	1,2,4- Trichloro- benzene	l,1,1- Trichloro- ethane	I,1,2- Trichloro- ethane	Trichloro- ethene (TCE)	Trichloro- fluoro- methane	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl chloride
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(μg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1 07/20/99		·	600												
09/28/99		·	534							-				-	
01/07/00			1050	371									1240	318	
03/31/00			140										2210	597	:
07/14/00			690												
10/03/00						334	·								
		·	361								-				
01/03/01		! <b></b>	400	:	-										
04/04/01		-	490						-						
07/17/01			740				·								
07/18/02		!	910	<u> </u>		ND<0.60	<u> </u>	-							
07/07/03		·	850	<b></b> 1	_	ND<120	·								
07/12/04	ND<2	ND<20	450	'	ND<10	ND<10	ND<10	ND<2	<sup>1</sup> ND<10	ND<10	ND<10	ND<10	•		 ND<10
07/08/05	ND<20	ND<5.0	250		ND<0.50	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	0.73	ND<1.0			ND<10
<b>MW-5</b> 01/06/03			ND<10	1		ND<0.50					<b>.</b>				
<b>MW-7</b> 01/06/03			ND<10		-	ND<50	•-				<u></u> ·				

### Table 2 cADDITIONAL HISTORIC ANALYTICAL RESULTS76 Station 1156

Date Sampled	Acena- phthene	Anthra- cene	Benzo[a]- anthracene	Benzo[a]- рутепе	Benzo[b]- fluor- anthene	Benzo- [g,h,I]- perylene	Benzo[k]- fluor₄ anthene	Bis(2-ethyl- hexyl) phthalate	-	Dibenzo- [a,h]- anthracene	Fluoran- thene	Fluorene	Indeno- [1,2,3-c,d] pyrene	2-Methyl- naphtha- lene	2-Methyl- phenol
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1 07/20/99		·													
09/28/99		·												240 87.4	
01/07/00		-	-											87.4 315	26.4
03/31/00								10		_				73	 31
07/14/00														300	
10/03/00								51.6						98.1	
01/03/01		·												180	
04/04/01								55						78	
07/17/01		·						400						290	 47
07/18/02		I						120						420	13
07/07/03								70						420 260	ND<5.0
07/12/04	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<5	ND<2	ND<3	ND<2	ND<2	 ND<2		
MW-5											110 -2	ND ~2	ND~Z		
01/06/03		·		-	-	-	<b></b> ·	ND<5.0						ND<5.0	ND<5.0
MW-7															
01/06/03							·	ND<5.0			<b></b> ·			ND<5.0	ND<5.0

## Table 2 d ADDITIONAL HISTORIC ANALYTICAL RESULTS 76 Station 1156

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#### Table 2 e ADDITIONAL HISTORIC ANALYTICAL RESULTS 76 Station 1156

Date Sampled	4-Methyl- phenol	Phen- anthrene	Pyrene
	(µg/l)	(µg/l)	(µg/l)
MW-1			
07/20/99	27	·	
09/28/99	35.6	·	
03/31/00	18	·	
10/03/00	28.9		
07/17/01			
07/18/02			
07/07/03			
07/12/04		ND<2	ND<2
MW-5			
01/06/03	ND<5.0		
MW-7 01/06/03	ND<5.0	:	
01100/05	112 50.0		

	FILE CHEC	<u>CKLIST</u> 53 5/9
Job number(s) _060428 - PC1		Log in ~ 5/2
Input Invoice	51105	FD Scanned/Emailed
Site Address		
<u> </u>		F.D. Filed
NEW SURVEY / TOC INFO:		<u></u>
Update TOC info for	Quarter report	Survey info provided by
TOC change due to Maintenance		DATE
LAB INFO:		NO LAB REQUIRED
Lab report filed	# of Labs Z	Partial in All in
Lab corrections required		Lab corrections received
COVER LETTER CHANGES	:	
Update Consultant info / Change Co	ontact to:	
Change Engineer to:	<u></u>	
REPORT INFO:		NO REPORT REQUIRED
Report / Update table	Us	e revised table from consultant
Review		Report Notes:
Corrections needed	Ind	whe March Months With (3/10/14)
Corrected by	<i>2m</i>	inde March Monthy With (3/10/06) d Q+r 2006 Quartery event (4/2

FINAL COPY / SUBMISSION	NO SUBMISSION REQUIRED
	SEND FD ONLY
Additional Wellhead Maintenance? YES NO	Date(s) of Maintenance 5/5/06
Final review	. / /
Final copy	
Report / Field Data Sent / emailed	
Ready for filing	

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**Repair Data Sheet** 

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Client	5	he		<u> </u>	20						<u>,</u>		0		_Date	<u>ə</u>	5-	<u>5-0</u>	06	
Site Address					<u>5</u>	$\sum$		"la	٢H	<i>"</i> +	ju	<u> </u>	R		<u>d.</u>	$\hat{Q}_{\hat{n}}$	Klan	4		
Job Number	060	550	051	14	l	Ţ	echi	nicia	n	<u> </u>	A	ndr	¢W	/	Adir	101F	<u>}</u>			·
<b></b>	1	1					Cř	ieck I	ndica	tes de	ficier		r		┡		<u></u>	·		····-
Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	-Ud not marked with words	Other Deficiency	Not Securable by Design ( <u>qreater</u> than 12 <sup>-</sup> diameter)	Well Not Inspected (explain in notes)	Deficiency Logged an Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Panial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repeirs Completed
401 ( 7		<u> </u>									Ļ			Х						
MW-3	Notes:	_,		(	<u>-re</u>	<u>:cn</u>	1	rig	al i	<u>0 (v</u>	Ь	0×			rcp	Ince	1 with	6 13	" 601	
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#### WELLHEAD INSPECTION CHECKLIST

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Page \_\_\_\_\_ of \_\_\_\_\_

Client <u>She</u>	<i></i>						Date	4/28	06	
Site Address	4255 M	ac Arthur	Blvd., Ca	kland						
Job Number						Tech	nician	P. Lorni	çh	<u>-</u>
Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12 <sup>7</sup> 07 (858)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MUT		K	ĸ	ĸ						ĸ
MU-2	ĸ	K	x							
MW3			<u> </u>							¥.
MU'4	K	K.	<u> </u>	<u> </u>						
MUS	x	X	~							
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			. <u>.</u>							
·										
NOTES:	<u>MJ-3 in</u> MJ-1 1-1	Green	inrigation	box - n	-6" dia.					
				22 2010						

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		WE	LLHEAD IN	ISPEC	TION CI	HECKL	IST	I	Page _/ of			
Client	Jhe!		<u> </u>				Date	3110	5/06			
Client Site Address	4255	Maci	Arthur B	stud.	Oaleia	ud, c	<u>A</u>					
Job Number	(	260316	- DA3			Tech	nician					
Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12°07 (ess)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted		
Mh-2	*	¥	*									
MW-3										*		
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<u>1</u>												

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