

R0327

# C A M B R I A

December 13, 2005

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

Re: **Groundwater Monitoring Report - Third Quarter 2005**

Credit World Auto Sales  
2345 International Boulevard (Formerly E. 14<sup>th</sup> Street)  
Oakland, California 94601  
ACDEH Case No. 2116  
Cambria Project No. 513-1000



Dear Mr. Wickham:

On behalf of Messrs. Stanley and Aaron Wong, Cambria Environmental Technology, Inc. has prepared this groundwater monitoring report for the above-referenced site. Presented in the report is a summary of the third quarter 2005 activities and the anticipated fourth quarter 2005 activities.

If you have any questions or comments regarding this report, please call me at (510) 420-3314.

Sincerely,  
**Cambria Environmental Technology, Inc.**

Matthew A. Meyers  
Project Geologist

Attachments: *Groundwater Monitoring Report - Third Quarter 2005*

cc: Mr. Stanley and Mr. Aaron Wong, 2200 E. 12<sup>th</sup> Street, Oakland, California 94606

**Cambria  
Environmental  
Technology, Inc.**

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

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## GROUNDWATER MONITORING REPORT - THIRD QUARTER 2005

**Credit World Auto Sales  
2345 International Boulevard  
(Formerly E. 14<sup>th</sup> Street)  
Oakland, California 94601  
ACDEH Case No. 2116  
Cambria Project No. 513-1000**

**December 13, 2005**



*Prepared for:*

Messrs. Stanley and Aaron Wong  
2200 E. 12<sup>th</sup> Street  
Oakland, California 94606

*Prepared by:*

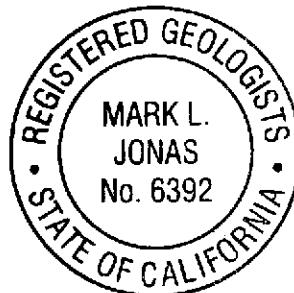
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, California 94608

*Written by:*

Jayaramu.  
Jayakrishna Nidamarthi  
Staff Engineer

To the best of my knowledge and Cambria Environmental Technology, Inc., the data contained herein are true and accurate. The data, findings, recommendations, specification or professional opinions presented herein were prepared in accordance with generally accepted practice. We make no warranty, either expressed or implied. None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature.

Mark Jonas  
Mark Jonas, P.G.  
Senior Project Manager



# C A M B R I A

## GROUNDWATER MONITORING REPORT – THIRD QUARTER 2005

**Credit World Auto Sales  
2345 International Boulevard  
(Formerly E. 14<sup>th</sup> Street)  
Oakland, California 94601  
ACDEH Case No. 2116  
Cambria Project No. 513-1000**

**December 13, 2005**



### INTRODUCTION

On behalf of Messrs. Stanley and Aaron Wong, Cambria Environmental Technology, Inc. (Cambria) has prepared this *Groundwater Monitoring Report – Third Quarter 2005* for the Credit World Auto Sales facility (Figure 1). Presented in the report is a summary of the third quarter 2005 activities and the anticipated fourth quarter 2005 activities.

Table 1 contains current and historical well water depth measurements, separate phase hydrocarbon (SPH) measurements, and groundwater elevation data. In addition, it provides current and historic hydrochemical data. Table 2 is a summary of cumulative SPH removal to date. Appendix A contains the field data sheets for the third quarter 2005 monitoring event. Appendix B presents the third quarter 2005 SPH removal field data sheets. Appendix C contains the analytical laboratory report. Appendix D contains the GeoTracker electronic submittal confirmation document.

### THIRD QUARTER 2005 ACTIVITIES

#### Site Assessment Activities

**Well Installation Activities:** On August 9 through 11, 2005, Cambria performed well installation activities as discussed in the *Site Assessment Work Plan* dated April 13, 2004, *Feasibility Testing Work Plan* dated August 24, 2004, and Alameda County Health Care Services Agency (ACHCSA) letter dated July 20, 2005. Wells MW-1, MW-2, MW-3, and TMW-4 were rebuilt with shallower screen intervals. In addition, seven new wells (MW-1B, MW-6, MW-7, MW-8, MW-9, MW-10, and RW-1) were installed. Two additional wells (MW-11 and MW-12) were later installed on October 20, 2005. All of these wells were developed and surveyed during the fourth quarter 2005. Further details regarding the installation and rebuilding of these wells will be documented in the forth coming *Site Assessment Report*. Approximate well locations are presented on Figure 2.

**C A M B R I A****Monitoring Activities**

**Field Activities:** On September 29 and 30, 2005, Cambria coordinated with Muskan Environmental Sampling (MES) to perform quarterly monitoring activities. MES measured well water levels and measured SPH in monitoring wells MW-1A, MW-1B, MW-2A, MW-3A, TMW-4A, TMW-5, MW-6, MW-7, MW-8, MW-9, MW-10, and RW-1 (Figure 2). Groundwater samples were collected from wells TMW-5 and MW-6. Groundwater samples were not collected from the remaining wells since these wells were not developed. Table I contains the groundwater analytical data. Groundwater monitoring field data sheets are presented in Appendix A. The well water level data has been submitted to the GeoTracker database; see Appendix D for the GeoTracker electronic delivery confirmation.

Field activities associated with well sampling included well purging, water quality measurements, sample collection, and equipment decontamination. Prior to sampling, wells TMW-5 and MW-6 were purged by repeated bailing using a new, disposable bailer. Field measurements of the pH, specific conductance, and temperature of purged groundwater were measured initially and after the extraction of each successive casing volume or at regular volume intervals. Casing volumes were calculated based on the well diameter and the height of the water column in the well casing.

Typically, well purging continued until consecutive pH, specific conductance, and temperature measurements were within 10 percent. Field water quality measurements, purge volumes, and sample collection data were recorded on field sampling data forms (Appendix A).

Groundwater samples were collected from wells TMW-5 and MW-6 using disposable bailers. The samples were decanted from the bailers into 40-milliliter (mL) glass volatile organic analysis (VOA) vials supplied by McCampbell Analytical, Inc. (McCampbell) of Pacheco, California. Immediately after collection, the sample containers were labeled and placed on water-based ice in a cooler. Chain-of-custody procedures were followed at all times from sample collection to transfer to McCampbell (Appendix C).

To minimize the potential for cross-contamination, the groundwater monitoring equipment was decontaminated prior to being deployed in the first monitoring well and between successive wells. The probe of the electric well sounder used for water level measurements was rinsed thoroughly with distilled water prior to first use and between subsequent water level measurements. The disposable bailers were discarded after use at each well.

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Groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by modified United States Environmental Protection Agency (EPA) Method SW8015C. Aromatic hydrocarbon compounds [benzene, toluene, ethylbenzene, total xylenes (BTEX)] and methyl tertiary-butyl ether (MTBE) were quantified by EPA Method SW8021B. The laboratory analytical report is included in Appendix C. Analytical results are summarized on Figure 2 and presented in Table 1.

**Monitoring Results**

**Groundwater Flow Direction:** The monitoring wells were surveyed on December 7, 2005. As of the date of this report the horizontal survey data is not available. Thus, a groundwater contour map was not created for this quarter and consequently the groundwater flow direction was not be calculated.

**SPH Distribution:** During the field activities on September 29 and 30, 2005, SPH was not detected in any of the wells. The absence of SPH in the new and rebuilt wells may change after they are developed. SPH removal field data sheets are included in Appendix B.

**Hydrocarbon Distribution in Groundwater:** TPHg and BTEX compounds were detected in wells TMW-5 and MW-6. TPHg was detected at concentrations of 31,000 µg/L and 5,500 µg/L in wells TMW-5 and MW-6, respectively. Benzene, ethylbenzene, and xylenes were detected in well TMW-5 at 1,800 µg/L, 1,900 µg/L, and 2,400 µg/L, respectively. Benzene, toluene, and xylenes were detected in well MW-6 at 920 µg/L, 27 µg/L, and 14 µg/L, respectively. Toluene was not detected in well TMW-5 above laboratory reporting limits. Similarly, ethylbenzene was not detected in well MW-6 above laboratory reporting limits.

**MTBE Distribution in Groundwater:** No concentrations of MTBE were detected in any of the wells this quarter.

**Corrective Action Activities**

**SPH Removal:** On July 11, 2003, Mr. Amir Gholami of the Alameda County Department of Environmental Health (ACDEH) verbally approved a monthly SPH removal program where SPHs would be removed by hand bailing. The schedule for SPH removal was proposed in Cambria's *Site Summary, Conduit Study and Monitoring Report* (Summary Report) dated April 30, 2003. Based on high SPH recovery rates in the past, the SPH removal frequency was increased to twice each month and passive SPH skimmers were installed in wells MW-2 and MW-3.

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On July 7, 2005, SPHs were removed from wells MW-1, MW-2, and MW-3. On July 22, 2005, SPHs were removed from wells MW-1, MW-2, MW-3, and TMW-5. On August 5, 2005, SPHs were removed from wells MW-1, MW-2, MW-3 and TMW-5. Cambria coordinated additional SPH removal events on August 19, 2005 and September 2, 2005. However, since August 19, 2005, no SPHs were detected in any of the monitoring wells. Cambria removed approximately 2.26 gallons of SPHs during the third quarter of 2005 (Table 2). Approximately 73.04 gallons of SPHs have been removed from the wells since SPH removal activities were initiated in 1992. SPH removal field data sheets are included in Appendix B.

## **Feasibility Testing Activities**

Cambria implemented the feasibility testing scope of work during the third quarter 2005. Details of these activities will be described in the forth coming *Feasibility Test Report*.

## **ANTICIPATED FOURTH QUARTER 2005 ACTIVITIES**

### **Monitoring Activities**

Cambria will coordinate with MES to measure groundwater level and measure SPH thickness in each well. Groundwater samples will be collected from any well not containing SPHs. Groundwater samples will be analyzed for TPHg by modified EPA Method SW8015C; and BTEX and MTBE by EPA Method SW8021B. Detected MTBE concentrations will be confirmed with an analysis by EPA Method SW8260B. Cambria will summarize groundwater monitoring activities and results in a report to be submitted by February 28, 2006.

### **Corrective Action Activities**

Cambria will continue to perform SPH removal activities during the fourth quarter 2005. However, based on third quarter 2005 SPH recovery rates, Cambria will postpone SPH removal events until after the wells are developed. After the wells are developed and checked for SPH the schedule will be re-evaluated and adjusted accordingly. The frequency of SPH removal will continue to be evaluated and modified based on SPH recovery rates. The measured SPH thickness and amount removed will be tabulated and incorporated into the quarterly groundwater monitoring report.

### **Site Assessment Activities**

Cambria will complete site assessment activities during the fourth quarter 2005. During the fourth quarter 2005, new off site wells (MW-11 and MW-12) will be installed; and existing wells (TMW-5, and MW-6), installed and rebuilt wells (RW-1, MW-1A, MW-1B, MW-2A, MW-3A, TMW-4A, MW-7, MW-8, MW-9, and MW-10), and the new off site wells will be surveyed and developed. Details of these activities will be described in the subsequent *Site Assessment Report*.

Credit World Auto Sales

Oakland, California

December 13, 2005

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## ATTACHMENTS

Figure 1 – Vicinity Map

Figure 2 – Hydrocarbon Concentration Map

Table 1 – Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data

Table 2 – Separate-Phase Hydrocarbon Removal Summary

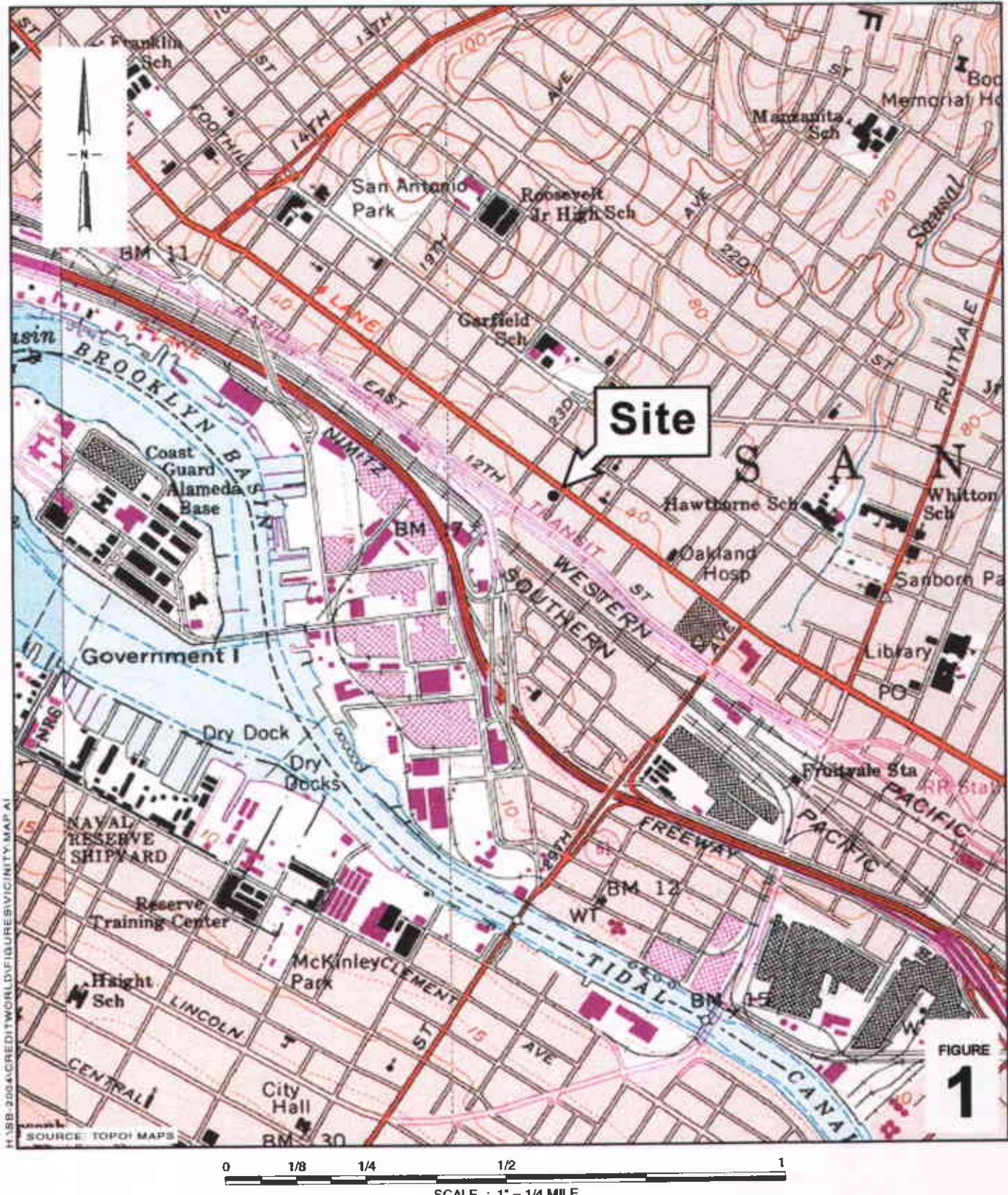
Appendix A – Groundwater Monitoring Field Data Sheets

Appendix B – Separated Phase Hydrocarbon Removal Field Data Sheets

Appendix C – Laboratory Analytical Report

Appendix D – GeoTracker Electronic Delivery Confirmations

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**Credit World Auto Sales**

2345 International Boulevard  
Oakland, California



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**Vicinity Map**

## Groundwater Elevation and Hydrocarbon Concentrations Map

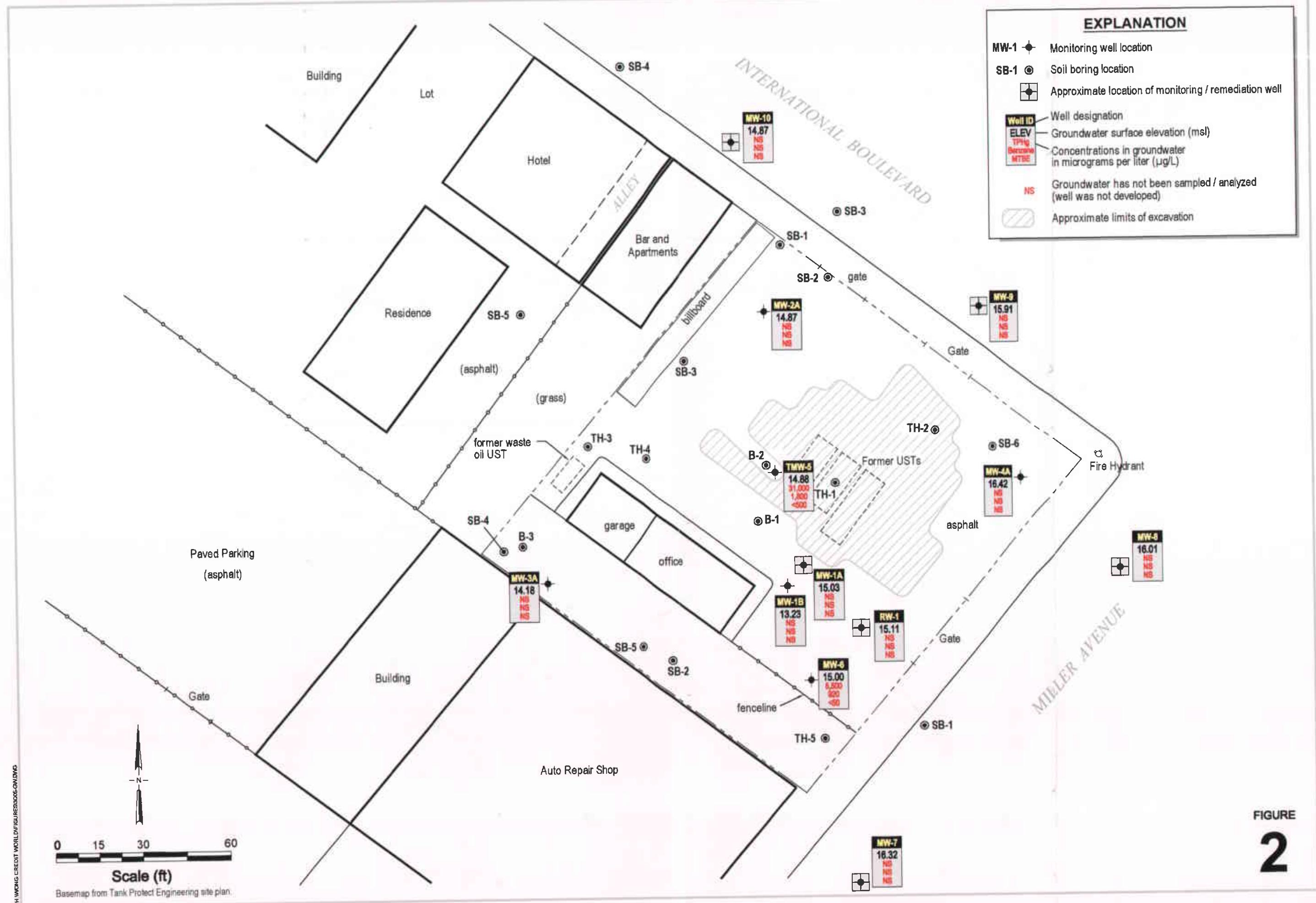
September 29-30, 2005



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**FIGURE**  
**2**

**Credit World Auto Sales**  
2345 International Boulevard  
Oakland, California



# CAMBRIA

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**Table 1. Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data - Credit World Auto Sales, 2345 International Blvd., Oakla**

Well ID TOC	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-1	12/30/1997	10.96	0.17	16.51	61,000	4,300	1,800	1,600	6,900	1,400
27.37 <sup>a</sup>	3/24/1998	9.33	0.00	18.04	24,000	1,000	1,000	1,300	4,300	2,000
	6/29/1998	12.20	0.00	15.17	130,000	3,800	370	1,200	4,200	3,300
	10/2/1998	13.46	0.00	13.91	22,000	66	21	26	140	<0.50
	12/10/1998	10.49	0.00	16.88	32,000	4,600	970	1,700	4,900	<250
	3/26/1999	9.44	0.00	17.93	230,000	370	290	280	720	<0.50
	6/11/1999	12.56	0.01	14.82	180,000	210	170	220	400	<0.50
	9/15/1999	14.85	1.00	13.32	21,000	3,800	280	590	2,200	<250
	12/28/1999	14.50	1.32	13.93	27,000	48	36	46	83	<0.5
	6/13/2001	15.83	4.36	12.03	--	--	--	--	--	--
	12/27/2002	8.31	0.16	16.19	--	--	--	--	--	--
	3/23/2003	10.65	0.05	16.72	--	--	--	--	--	--
	5/29/2003	12.11	0.28	15.44	--	--	--	--	--	--
	9/26/2003	12.84	0.29	14.72	--	--	--	--	--	--
	12/4/2003	12.50	0.10	14.91	--	--	--	--	--	--
	3/12/2004	10.45	0.52	17.30	--	--	--	--	--	--
	6/18/2004	12.01	0.46	15.69	--	--	--	--	--	--
	9/23/2004	13.56	0.50	14.21	--	--	--	--	--	--
	12/10/2004	12.94	0.10	14.51	--	--	--	--	--	--
	3/25/2005	7.76	0.06	19.66	--	--	--	--	--	--
	6/24/2005	11.00	0.06	16.42	--	--	--	--	--	--
MW-1A	9/29/2005 26.95	11.92	0.00	15.03	--	--	--	--	--	--
MW-1B	9/29/2005 26.85	13.62	0.00	13.23	--	--	--	--	--	--

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**Table 1. Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data - Credit World Auto Sales, 2345 International Blvd., Oakla**

Well ID TOC	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-2	8/23/1991	13.77	0.00	12.15	10,000	<5	<5	<5	<5	--
26.16 <sup>a</sup>	4/16/1992	15.38	2.81	12.79	--	--	--	--	--	--
	6/11/1993	13.19	0.00	12.98	--	--	--	--	--	--
	8/17/1993	14.04	0.01	12.13	49,000	94	240	250	980	--
	3/28/1994	13.61	0.54	12.98	14,000	4,200	<250	910	1,400	--
	6/27/1994	14.24	0.80	12.56	24,000	4,400	72	1,100	1,700	--
	9/16/1994	17.82	4.46	11.91	40,000	2,300	250	2,000	4,100	--
	3/31/1995	16.72	7.44	15.39	28,000	4,000	<120	1,100	1,400	--
	6/28/1995	13.50	0.73	13.24	40,000	2,700	130	1,700	2,900	--
	9/28/1995	14.63	0.54	11.96	7,500	420	14	250	190	<62
	12/26/1995	12.58	0.90	14.30	22,000	1,300	88	950	1,800	<250
	3/22/1996	11.46	0.15	14.82	9,800	2,200	<120	400	<380	<1,200
	6/20/1996	13.08	0.37	13.38	35,000	770	<0.50	240	<0.50	550
	9/30/1996	16.67	3.75	12.49	58,000	1,600	230	2,200	4,000	<5.0
	12/27/1996	15.74	7.57	16.48	29,000	2,100	<0.50	1,200	1,800	<5.0
	3/7/1997	12.55	0.00	13.61	13,000	1,300	37	290	180	<5.0
	6/28/1997	11.98	0.04	14.21	12,000	840	<0.50	640	360	<5.0
	9/18/1997	13.44	0.00	12.72	12,000	680	<0.50	320	84	<5.0
	12/30/1997	11.31	0.00	14.85	13,000	1,100	40	350	220	<5.0
	3/25/1998	10.02	0.00	16.14	8,100	1,300	51	410	230	670
	6/29/1998	11.96	0.00	14.20	12,000	880	13	180	72	430
	10/2/1998	13.74	0.00	12.42	47,000	140	100	110	200	<0.50
	12/10/1998	12.91	2.10	14.93	26,000	1,000	210	1,500	1,900	<1,000
	3/26/1999	9.06	0.20	17.26	110,000	190	150	120	380	<0.50
	6/11/1999	12.18	0.00	13.98	190,000	310	250	320	540	<0.50
	9/15/1999	15.59	3.00	12.97	25,000	720	<100	1,300	1,600	<1,000
	12/28/1999	16.81	4.50	12.95	75,000	130	98	130	230	<0.50
	6/13/2001	14.84	3.15	10.84	--	--	--	--	--	--
	6/20/2002	14.80	0.70	8.92	53,000	2,200	140	3,300	3,000	<1,000
	10/21/2002	16.98	0.24	6.37	--	--	--	--	--	--
	12/27/2002	13.58	0.43	9.92	--	--	--	--	--	--

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**Table 1. Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data - Credit World Auto Sales, 2345 International Blvd., Oakla**

Well ID TOC	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-2	3/23/2003	15.49	0.29	10.66	--	--	--	--	--	--
(cont'd)	5/29/2003	16.08	0.44	10.19	--	--	--	--	--	--
	9/26/2003	17.14	0.87	9.48	--	--	--	--	--	--
	12/4/2003	16.75	1.01	9.98	--	--	--	--	--	--
	3/12/2004	11.19	2.14	16.44	--	--	--	--	--	--
	6/18/2004	12.66	0.87	13.96	--	--	--	--	--	--
	9/23/2004	15.39	0.10	10.85	--	--	--	--	--	--
	12/10/2004	14.81	0.41	11.68	--	--	--	--	--	--
	3/25/2005	7.83	0.08	18.39	--	--	--	--	--	--
	6/24/2005	11.73	0.85	15.11	--	--	--	--	--	--
MW-2A	9/29/2005 25.82	10.95	0.00	14.87	--	--	--	--	--	--
MW-3	8/23/1991	15.07	0.00	12.50	<5,000	<5	<5	<5	<5	--
27.57 <sup>a</sup>	4/16/1992	14.14	0.16	13.56	--	--	--	--	--	--
	6/11/1993	14.28	0.00	13.30	--	--	--	--	--	--
	8/17/1993	15.77	0.00	11.80	9,600	4.1	17	28	54	--
	3/28/1994	14.35	0.00	13.22	8,400	2,400	56	67	200	--
	6/27/1994	14.77	0.00	12.80	9,900	3,300	<22	<25	73	--
	9/16/1994	15.42	0.05	12.19	16,000	2,300	80	620	240	--
	3/31/1995	12.98	0.46	14.96	16,000	2,800	70	<25	920	--
	6/28/1995	14.20	0.05	13.41	11,000	2,300	32	81	240	--
	9/28/1995	15.17	0.00	12.40	6,300	1,900	<42	200	<120	<420
	12/26/1995	13.33	0.06	14.29	25,000	3,800	97	94	1,600	<250
	3/22/1995	12.81	0.04	14.79	16,000	3,100	75	69	350	250
	6/20/1996	13.95	0.07	13.68	8,500	1,400	28	140	15	220
	9/24/1996	14.86	0.04	12.74	12,000	2,400	87	340	110	<5.0
	12/27/1996	11.04	0.06	16.58	5,800	1,700	28	<0.50	42	240
	3/10/1997	13.80	0.00	13.77	9,000	1,700	<0.50	110	<0.50	<5.0
	6/28/1997	13.72	0.06	13.90	15,000	2,200	<0.50	160	190	<5.0

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**Table 1. Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data - Credit World Auto Sales, 2345 International Blvd., Oakla**

Well ID TOC	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-3	9/18/1997	14.76	0.00	12.81	28,000	3,800	<0.50	100	<0.50	<5.0
(cont'd)	12/30/1997	12.97	0.00	14.60	21,000	2,200	<0.50	31	<0.50	300
	3/24/1998	11.75	0.00	15.82	2,300	870	7.2	20	<0.50	85
	6/29/1998	13.38	0.00	14.19	6,500	1,300	12	62	14	140
	10/2/1998	14.42	0.00	13.15	11,000	31	27	35	69	<0.50
	12/10/1998	12.55	0.00	15.02	<2,500	2,800	68	42	55	<250
	3/26/1999	10.54	0.00	17.03	10,000	21	14	10	41	<0.50
	6/15/1999	13.91	0.00	13.66	87,000	90	71	92	180	<0.50
	9/15/1999	14.70	0.00	12.87	8,700	2,100	71	110	66	<100
	12/28/1999	15.16	0.25	12.61	4,300	7.7	5.2	7.2	13	<0.50
	6/13/2001	14.70	0.40	13.19	8,400	1,300	25	64	32	<20
	6/20/2002	14.68	0.02	12.91	7,800	1,100	23	66	15	<50
	12/27/2002	11.37	0.17	16.34	--	--	--	--	--	--
	3/23/2003	--	--	--	--	--	--	--	--	--
	5/29/2003	13.99	0.08	13.64	--	--	--	--	--	--
	9/26/2003	14.51	0.05	13.10	--	--	--	--	--	--
	12/4/2003	14.28	0.10	13.37	--	--	--	--	--	--
	3/12/2004	11.95	0.42	15.96	--	--	--	--	--	--
	6/18/2004	13.33	0.55	14.68	--	--	--	--	--	--
	9/23/2004	16.17	0.02	11.42	--	--	--	--	--	--
	12/10/2004	16.51	0.10	11.14	--	--	--	--	--	--
	3/25/2005	11.29	0.16	16.41	--	--	--	--	--	--
	6/24/2005	13.47	0.09	14.17	--	--	--	--	--	--
MW-3A	9/29/2005	12.52	0.00	14.18	--	--	--	--	--	--
	26.70									

# CAMBRIA

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**Table 1. Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data - Credit World Auto Sales, 2345 International Blvd., Oakla**

Well ID TOC	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
TMW-4	8/17/1993	13.26	0.00	13.24	150	<0.50	0.8	1.4	3.7	--
26.50 <sup>a</sup>	3/28/1994	12.40	0.00	14.10	<50	<0.50	<0.50	<0.50	<1.5	--
	6/27/1994	12.84	0.00	13.66	<50	<0.50	<0.50	<0.50	<1.5	--
	9/16/1994	13.58	0.00	12.92	<50	<0.50	<0.50	<0.50	<1.5	--
	3/31/1995	10.23	0.00	16.27	<50	<0.50	<0.50	<0.50	<1.5	--
	6/28/1995	12.21	0.00	14.29	<50	<0.50	<0.50	<0.50	<1.5	--
	9/28/1995	13.38	0.00	13.12	<50	<0.50	<0.50	<0.50	<1.5	<5.0
	12/26/1995	11.32	0.00	15.18	<50	<0.50	<0.50	<0.50	<1.5	<5.0
	3/22/1996	10.54	0.00	15.96	<50	<0.50	<0.50	<0.50	<1.5	<5.0
	6/20/1996	12.14	0.00	14.36	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	9/24/1996	13.01	0.00	13.49	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	12/27/1996	9.51	0.00	16.99	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	3/10/1997	11.92	0.00	14.58	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	6/27/1997	10.70	0.00	15.80	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	9/18/1997	12.94	0.00	13.56	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	12/30/1997	10.92	0.00	15.58	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	3/25/1998	9.60	0.00	16.90	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	6/29/1998	11.32	0.00	15.18	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	10/2/1998	12.56	0.00	13.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/10/1998	10.44	0.00	16.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/26/1999	9.38	0.00	17.12	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	6/15/1999	11.58	0.00	14.92	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/15/1999	12.89	0.00	13.61	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	12/28/1999	12.92	0.00	13.58	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	10/21/2002	12.70	0.00	13.80	--	--	--	--	--	--
	12/27/2002	9.07	0.12	17.53	--	--	--	--	--	--
	3/23/2003	10.73	0.03	15.79	--	--	--	--	--	--
	5/29/2003	12.50	0.02	14.02	--	--	--	--	--	--
	9/26/2003	13.27	0.06	13.28	--	--	--	--	--	--
	12/4/2003	13.07	0.10	13.51	--	--	--	--	--	--
	3/12/2004	9.82	0.02	16.70	--	--	--	--	--	--

# CAMBRIA

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**Table 1. Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data - Credit World Auto Sales, 2345 International Blvd., Oakla**

Well ID <i>TOC</i>	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
TMW-4 <i>(cont'd)</i>	6/18/2004	10.49	0.03	16.03	--	--	--	--	--	--
	9/23/2004	13.29	0.01	13.22	--	--	--	--	--	--
	12/10/2004	12.75	0.01	13.76	--	--	--	--	--	--
	3/25/2005	8.13	0.02	18.39	--	--	--	--	--	--
	6/24/2005	10.40	0.00	16.10	<50	<0.5	<0.5	<0.5	<0.5	<5.0
TMW-4A 26.42	9/29/2005	10.00	0.00	16.42	--	--	--	--	--	--
TMW-5 26.85 <sup>a</sup>	8/17/1993	12.98	0.03	13.55	120,000	640	730	790	3,600	--
	3/28/1994	11.39	0.00	15.46	70,000	23,000	1,500	4,100	15,000	--
	6/28/1994	12.24	0.00	14.61	56,000	26,000	940	5,500	26,000	--
	9/16/1994	13.02	0.05	13.87	96,000	17,000	720	3,500	12,000	--
	3/31/1995	7.38	0.00	19.47	64,000	13,000	470	3,500	6,100	--
	6/28/1995	11.31	0.06	15.59	65,000	9,000	240	2,600	5,300	--
	9/28/1995	14.42	0.00	12.43	79,000	17,000	1,800	2,700	7,000	<1,200
	12/26/1995	10.16	0.05	16.73	110,000	11,000	800	2,300	4,500	<1,200
	3/22/1996	7.59	0.05	19.30	--	--	--	--	--	--
	6/26/1996	7.12	0.00	--	30,000	4,000	180	1,500	2,500	830
	9/30/1996	7.42	0.00	--	6,900	1,600	79	130	370	<5.0
	12/27/1996	6.38	0.00	--	78,000	12,000	1,900	2,900	9,700	<5.0
	3/10/1997	11.12	0.00	--	84,000	9,900	1,100	2,600	8,800	<5.0
	8/17/1997	12.98	0.03	--	--	--	--	--	--	--
	9/18/1997	12.00	0.00	--	65,000	8,000	<0.5	2,000	4,700	<5.0
	12/30/1997	8.97	0.00	--	79,000	6,400	340	2,300	5,500	<5.0
	3/25/1998	7.32	0.00	--	20,000	6,000	260	2,700	5,800	2,400
	6/29/1998	11.50	0.00	--	--	--	--	--	--	--
	10/8/1998	12.56	0.00	--	46,000	120	98	120	240	<0.50
	12/8/1998	10.14	0.00	--	46,000	5,900	320	2,200	5,400	<1,200
	3/26/1999	7.08	0.00	--	35,000	69	61	37	120	<0.50
	6/11/1999	11.40	0.00	--	26,000	29	32	43	72	<0.50

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**Table 1. Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data - Credit World Auto Sales, 2345 International Blvd., Oakla**

Well ID TOC	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
TMW-5	9/15/1999	12.52	0.00	--	37,000	7,300	400	2,400	6,000	<1,000
(cont'd)	12/28/1999	12.44	0.00	--	25,000	44	32	41	75	<0.50
	5/23/2001	11.31	0.00	12.54	--	--	--	--	--	--
	6/20/2002	11.29	0.05	15.60	51,000	5,100	290	2,300	5,800	<250
	10/21/2002	13.60	0.10	13.33	--	--	--	--	--	--
	12/27/2002	6.60	0.07	20.31	--	--	--	--	--	--
	3/23/2003	9.79	0.04	16.75	--	--	--	--	--	--
	5/29/2003	11.29	0.04	15.25	--	--	--	--	--	--
	9/26/2003	12.47	0.07	14.10	--	--	--	--	--	--
	12/4/2003	12.35	0.10	14.24	--	--	--	--	--	--
	3/12/2004	8.15	0.02	18.38	--	--	--	--	--	--
	6/18/2004	9.66	0.03	16.87	--	--	--	--	--	--
	9/23/2004	12.42	0.01	14.44	--	--	--	--	--	--
	12/10/2004	11.86	0.01	15.00	--	--	--	--	--	--
	3/25/2005	6.22	0.02	20.65	--	--	--	--	--	--
	6/24/2005	9.84	0.00	17.01	38,000,b,c	2,700	66	2,100	3,100	<350
26.60	9/29/2005	11.72	0.00	14.88	--	--	--	--	--	--
	9/30/2005	--	--	--	31,000,b,c	1,800	<50	1,900	2,400	<500
MW-6	5/23/2001	12.47	0.00	11.34	--	--	--	--	--	--
26.81 <sup>a</sup>	6/13/2001	12.47	0.00	11.34	7,600	1,400	42	19	14	<10
	6/20/2002	12.45	0.00	14.36	79	5.7	<0.5	<0.5	<0.5	<5.0
	12/27/2002	7.24	0.04	19.60	--	--	--	--	--	--
	3/23/2003	--	--	--	--	--	--	--	--	--
	5/29/2003	11.95	0.02	14.88	--	--	--	--	--	--
	9/26/2003	13.11	0.03	10.72	--	--	--	--	--	--
	12/4/2003	13.14	0.10	10.75	--	--	--	--	--	--
	3/12/2004	8.93	0.02	14.90	--	--	--	--	--	--
	6/18/2004	10.30	0.03	13.53	--	--	--	--	--	--
	9/23/2004	12.44	0.01	14.38	--	--	--	--	--	--
	12/10/2004	11.88	0.01	14.94	--	--	--	--	--	--

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**Table 1. Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data - Credit World Auto Sales, 2345 International Blvd., Oakla**

Well ID <i>TOC</i>	Date Sampled	Depth to Groundwater (feet)	SPII Thickness (feet)	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-6	3/25/2005	6.82	0.02	20.01	--	--	--	--	--	--
(cont'd)	6/24/2005	10.10	0.00	16.71	6,200,b	1,100	33	43	15	<200
26.50	9/29/2005	11.50	0.00	15.00	5,500,b	920	27	<2.5	14	<50
MW-7 25.12	9/29/2005	8.80	0.00	16.32	--	--	--	--	--	--
MW-8 26.09	9/29/2005	10.08	0.00	16.01	--	--	--	--	--	--
MW-9 25.31	9/29/2005	9.40	0.00	15.91	--	--	--	--	--	--
MW-10 24.30	9/29/2005	9.43	0.00	14.87	--	--	--	--	--	--
RW-1 26.71	9/29/2005	11.60	0.00	15.11	--	--	--	--	--	--

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**Table 1. Groundwater Levels, Separate Phase Hydrocarbons, and Analytical Data - Credit World Auto Sales, 2345 International Blvd., Oakla**

Well ID <i>TOC</i>	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
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**Abbreviations and Methods:**

TOC = Top of well casing elevation, measure in feet above mean sea level.

Depth to Groundwater measured from top of casing.

msl = Mean sea level.

SPH = Separate phase hydrocarbons

Groundwater elevation calculated according to the relationship Groundwater Elevation = TOC - (Depth to Groundwater) + (0.8)(SPH Thickness)

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C

Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method SW8021B (by SW8260B if in parenthesis)

MTBE = Methyl tertiary butyl ether by EPA Method SW8021B

µg/L = Micrograms per liter

-- = Not available, not analyzed, or does not apply.

a = Top of casing elevation surveyed 6/13/01 to City of Oakland datum by Renner Survey Company of Burlingame, California for Sequoia Environmental.

b = Unmodified or weakly modified gasoline is significant.

c = Lighter than water immiscible sheen / product is present.

**Note:**

Wells were surveyed on December 7, 2005 by Virgil Chavez Land Surveying (PLS 6323). The benchmark for this survey was a pin in monument well located at the centerline of Internation Boulevard and Miller Avenue. The benchmark elevation is 25.86 (NGVD 29).

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# CAMBRIA

**Table 2. Separate-Phase Hydrocarbon Removal Summary - Credit World Auto Sales, 2345 International Blvd, Oakland, California**

Well ID	Date Sampled	Depth to SPH (feet)	Depth to Groundwater (feet)	SPH Thickness (feet)	Hydrocarbons Removed (liters)	Hydrocarbons Removed (gallons)	Cumulative Hydrocarbons Removed (gallons)
MW-1	12/30/1997	10.79	10.96	0.17	0.10	0.03	0.03
	6/11/1999	12.55	12.56	0.01	0.01	0.00	0.03
	9/15/1999	13.85	14.85	1.00	0.60	0.16	0.19
	12/28/1999	8.15	8.31	0.16	0.10	0.03	0.21
	6/13/2001	8.15	8.31	0.16	0.10	0.03	0.24
	12/27/2003	8.15	8.31	0.16	3.00	0.79	1.03
	3/23/2003	10.60	10.65	0.05	1.26	0.33	1.36
	4/4/2003	10.19	10.23	0.04	0.94	0.25	1.61
	5/1/2003	9.80	9.85	0.05	0.49	0.13	1.74
	5/29/2003	11.83	12.11	0.28	1.00	0.26	2.00
	7/25/2003	11.99	12.24	0.25	0.50	0.13	2.13
	8/11/2003	12.07	12.37	0.30	0.50	0.13	2.27
	8/29/2003	12.07	12.40	0.33	0.50	0.13	2.40
	9/12/2003	12.59	12.90	0.31	0.48	0.13	2.53
	9/26/2003	12.55	12.84	0.29	0.50	0.13	2.66
	10/10/2003	12.61	12.72	0.11	0.11	0.03	2.69
	10/30/2003	12.68	12.75	0.07	0.08	0.02	2.71
	11/25/2003	12.59	12.69	0.10	0.10	0.03	2.73
	12/4/2003	12.40	12.50	0.10	0.10	0.03	2.76
	12/23/2003	11.97	12.08	0.11	0.10	0.03	2.79
	1/30/2004	9.64	10.05	0.41	0.75	0.20	2.99
	2/20/2004	9.50	9.97	0.47	0.50	0.13	3.12
	3/12/2004	9.93	10.45	0.52	1.00	0.26	3.38
	3/30/2004	10.35	11.21	0.86	1.11	0.29	3.67
	4/14/2004	11.77	12.65	0.88	1.00	0.26	3.94
	4/23/2004	11.60	12.11	0.51	1.00	0.26	4.20
	5/7/2004	11.63	12.05	0.42	1.00	0.26	4.47
	5/28/2004	11.68	12.08	0.40	1.00	0.26	4.73
	6/4/2004	11.51	11.94	0.43	0.50	0.13	4.86
	6/18/2004	11.55	12.01	0.46	0.33	0.09	4.95
	7/29/2004	12.65	13.25	0.60	1.00	0.26	5.21
	8/13/2004	12.97	13.40	0.43	1.00	0.26	5.48
	8/27/2004	12.96	13.46	0.50	1.00	0.26	5.74
	9/10/2004	12.96	13.48	0.52	1.50	0.40	6.14
	9/23/2004	13.06	13.56	0.50	2.50	0.66	6.80
	10/5/2004	13.00	13.50	0.50	2.50	0.66	7.46
	10/21/2004	13.49	13.59	0.10	2.50	0.66	8.12
	11/2/2004	13.00	13.10	0.10	2.00	0.53	8.65
	11/12/2004	12.83	12.97	0.14	1.50	0.40	9.05
	12/2/2004	12.81	12.91	0.10	1.50	0.40	9.44
	12/10/2004	12.84	12.94	0.10	1.50	0.40	9.84
	2/9/2005	10.01	10.53	0.52	0.51	0.13	9.97
	2/25/2005	8.01	8.51	0.50	1.00	0.26	10.24
	3/11/2005	8.32	8.40	0.08	0.20	0.05	10.29
	3/25/2005	7.70	7.76	0.06	0.05	0.01	10.30
	4/7/2005	8.26	8.29	0.03	0.10	0.03	10.33
	4/22/2005	9.71	9.93	0.22	0.66	0.17	10.50
	5/13/2005	9.71	9.81	0.10	0.30	0.08	10.58
	5/27/2005	10.55	10.63	0.08	0.45	0.12	10.70
	6/10/2005	10.10	10.38	0.28	0.70	0.18	10.89
	6/24/2005	10.94	11.00	0.06	0.55	0.15	11.03
	7/7/2005	11.63	11.70	0.07	0.24	0.06	11.09
	7/22/2005	11.90	11.95	0.05	0.05	0.01	11.11
	8/5/2005	12.20	12.29	0.09	0.03	0.01	11.12

# CAMBRIA

Table 2. Separate-Phase Hydrocarbon Removal Summary - Credit World Auto Sales, 2345 International Blvd, Oakland, California

Well ID	Date Sampled	Depth to SPH (feet)	Depth to Groundwater (feet)	SPH Thickness (feet)	Hydrocarbons Removed (liters)	Hydrocarbons Removed (gallons)	Cumulative Hydrocarbons Removed (gallons)
MW-2	6/28/1995	12.77	13.50	0.73	0.44	0.12	2.12
	9/28/1995	14.09	14.63	0.54	0.32	0.09	2.20
	12/26/1995	11.68	12.58	0.90	0.54	0.14	2.35
	3/22/1996	11.31	11.46	0.15	0.09	0.02	2.37
	6/20/1996	12.71	13.08	0.37	0.22	0.06	2.43
	9/30/1996	12.92	16.67	3.75	2.25	0.59	3.02
	12/27/1996	8.17	15.74	7.57	4.54	1.20	4.22
	6/28/1997	11.94	11.98	0.04	0.02	0.01	4.23
	9/18/1997	13.44	13.44	0.00	0.00	0.00	4.23
	12/10/1998	10.81	12.91	2.10	1.26	0.33	4.56
	3/26/1999	8.86	9.06	0.20	0.12	0.03	4.59
	9/15/1999	12.59	15.59	3.00	1.80	0.48	5.07
	12/28/1999	12.31	16.81	4.50	2.70	0.71	5.78
	6/13/2001	11.69	14.84	3.15	1.89	0.50	6.28
	6/20/2002	14.10	14.80	0.70	0.42	0.11	6.39
	10/21/2002	16.74	16.98	0.24	0.14	0.04	6.43
	12/27/2002	13.15	13.58	0.43	3.00	0.79	7.22
	3/23/2003	15.20	15.49	0.29	5.68	1.50	8.72
	4/4/2003	14.72	14.80	0.08	3.78	1.00	9.72
	5/1/2003	13.59	13.63	0.04	0.49	0.13	9.85
	5/29/2003	15.64	16.08	0.44	1.00	0.26	10.11
	7/25/2003	15.81	16.31	0.50	0.50	0.13	10.24
	8/11/2003	15.99	16.44	0.45	0.50	0.13	10.38
	8/29/2003	15.92	16.75	0.83	0.50	0.13	10.51
	9/12/2003	16.29	17.10	0.81	0.95	0.25	10.76
	9/26/2003	16.27	17.14	0.87	1.90	0.50	11.26
	10/10/2003	16.35	17.10	0.75	1.89	0.50	11.76
	10/30/2003	16.41	17.03	0.62	0.95	0.25	12.01
	11/25/2003	16.08	16.98	0.90	3.79	1.00	13.01
	12/4/2003	15.74	16.75	1.01	3.79	1.00	14.01
	12/11/2003	15.81	16.90	1.09	3.79	1.00	15.01
	12/23/2003	15.60	16.55	0.95	3.79	1.00	16.01
	1/30/2004	8.91	10.69	1.78	3.00	0.79	16.80
	2/20/2004	8.74	10.72	1.98	4.00	1.06	17.86
	3/12/2004	9.05	11.19	2.14	6.41	1.69	19.55
	3/30/2004	10.16	10.67	0.51	0.51	0.13	19.69
	4/14/2004	11.18	12.61	1.43	1.50	0.40	20.09
	4/23/2004	11.79	12.84	1.05	3.50	0.92	21.01
	5/7/2004	11.75	12.89	1.14	5.00	1.32	22.33
	5/28/2004	11.83	12.77	0.94	5.00	1.32	23.65
	6/4/2004	11.77	12.62	0.85	4.50	1.19	24.84
	6/18/2004	11.79	12.66	0.87	5.00	1.32	26.16
	7/29/2004	15.05	15.10	0.05	1.00	0.26	26.43
	8/13/2004	15.23	15.28	0.05	1.50	0.40	26.82
	8/27/2004	15.31	15.39	0.08	1.50	0.40	27.22
	9/10/2004	15.24	15.33	0.09	2.00	0.53	27.75
	9/23/2004	15.29	15.39	0.10	2.00	0.53	28.27
	10/5/2004	15.17	15.33	0.16	2.00	0.53	28.80
	10/21/2004	15.23	15.46	0.23	2.00	0.53	29.33
	11/2/2004	14.28	14.96	0.68	3.50	0.92	30.26
	11/12/2004	14.38	14.83	0.45	3.00	0.79	31.05
	12/2/2004	14.34	14.79	0.45	2.50	0.66	31.71
	12/10/2004	14.40	14.81	0.41	2.50	0.66	32.37
	2/9/2005	10.18	10.95	0.77	2.28	0.60	32.97
	2/25/2005	8.21	8.65	0.44	1.50	0.40	33.37
	3/11/2005	8.83	8.89	0.06	1.10	0.29	33.66
	3/25/2005	7.75	7.83	0.08	0.70	0.18	33.84
	4/7/2005	8.49	8.53	0.04	1.15	0.30	34.15
	4/22/2005	9.76	10.08	0.32	1.66	0.44	34.59
	5/13/2005	9.85	9.98	0.13	1.20	0.32	34.90

# CAMBRIA

Table 2. Separate-Phase Hydrocarbon Removal Summary - Credit World Auto Sales, 2345 International Blvd, Oakland, California

Well ID	Date Sampled	Depth to SPH (feet)	Depth to Groundwater (feet)	SPH Thickness (feet)	Hydrocarbons Removed (liters)	Hydrocarbons Removed (gallons)	Cumulative Hydrocarbons Removed (gallons)
MW-2 <i>(cont.)</i>	5/27/2005	10.38	10.97	0.59	2.00	0.53	35.43
	6/10/2005	9.98	10.01	0.03	1.20	0.32	35.75
	6/24/2005	10.88	11.73	0.85	1.90	0.50	36.25
	7/7/2005	11.50	12.08	0.58	1.75	0.46	36.71
	7/22/2005	11.74	12.49	0.75	1.50	0.40	37.11
	8/5/2005	12.00	12.37	0.37	1.36	0.36	37.47
MW-3	4/16/1992	13.98	14.14	0.16	0.10	0.03	0.03
	9/16/1994	15.37	15.42	0.05	0.03	0.01	0.04
	3/31/1995	12.52	12.98	0.46	0.28	0.07	0.11
	6/28/1995	14.15	14.20	0.05	0.03	0.01	0.12
	12/26/1995	13.27	13.33	0.06	0.04	0.01	0.13
	3/22/1995	12.77	12.81	0.04	0.02	0.01	0.13
	6/20/1996	13.88	13.95	0.07	0.04	0.01	0.15
	9/24/1996	14.82	14.86	0.04	0.02	0.01	0.15
	12/27/1996	10.98	11.04	0.06	0.04	0.01	0.16
	6/28/1997	13.66	13.72	0.06	0.04	0.01	0.17
	12/28/1999	14.91	15.16	0.25	0.15	0.04	0.21
	6/13/2001	14.30	14.70	0.40	0.24	0.06	0.27
	6/20/2002	14.66	14.68	0.02	0.01	0.00	0.28
	12/27/2002	11.20	11.37	0.17	3.00	0.79	1.07
	5/29/2003	13.91	13.99	0.08	0.01	0.03	1.10
	7/25/2003	14.02	14.12	0.10	0.20	0.05	1.15
	8/11/2003	14.25	14.35	0.10	0.15	0.04	1.19
	8/29/2003	14.18	14.33	0.15	0.15	0.04	1.23
	9/12/2003	14.41	14.55	0.14	0.10	0.03	1.25
	9/26/2003	14.46	14.51	0.05	0.15	0.04	1.29
	10/10/2003	14.50	14.58	0.08	0.20	0.05	1.35
	10/30/2003	14.59	14.63	0.04	0.12	0.03	1.38
	11/25/2003	14.30	14.40	0.10	0.11	0.03	1.41
	12/4/2003	14.18	14.28	0.10	0.10	0.03	1.43
	12/23/2003	13.81	13.91	0.10	0.05	0.01	1.45
	1/30/2004	10.16	10.53	0.37	1.00	0.26	1.71
	2/20/2004	10.08	10.48	0.40	1.00	0.26	1.98
	3/12/2004	11.53	11.95	0.42	2.25	0.59	2.57
	3/30/2004	12.14	12.18	0.04	0.60	0.16	2.73
	4/14/2004	12.81	13.42	0.61	1.50	0.40	3.13
	4/23/2004	12.94	13.53	0.59	3.50	0.92	4.05
	5/7/2004	12.99	13.43	0.44	4.50	1.19	5.24
	5/28/2004	12.74	13.32	0.58	5.00	1.32	6.56
	6/4/2004	12.70	13.29	0.59	5.00	1.32	7.88
	6/18/2004	12.78	13.33	0.55	5.00	1.32	9.20
	7/29/2004	15.80	15.81	0.01	0.05	0.01	9.21
	8/13/2004	15.97	15.99	0.02	0.10	0.03	9.24
	8/27/2004	16.05	16.07	0.02	0.50	0.13	9.37
	9/10/2004	16.03	16.05	0.02	0.75	0.20	9.57
	9/23/2004	16.15	16.17	0.02	0.50	0.13	9.70
	10/5/2004	16.05	16.10	0.05	0.75	0.20	9.90
	10/21/2004	16.17	16.22	0.05	1.00	0.26	10.17
	11/2/2004	16.58	16.68	0.10	1.00	0.26	10.43
	11/12/2004	16.50	16.60	0.10	1.50	0.40	10.83
	12/2/2004	16.40	16.53	0.13	2.00	0.53	11.35
	12/10/2004	16.41	16.51	0.10	2.00	0.53	11.88
	2/9/2005	13.65	13.98	0.33	2.55	0.67	12.56
	2/25/2005	10.85	11.15	0.30	1.50	0.40	12.95
	3/11/2005	13.06	13.19	0.13	0.60	0.16	13.11
	3/25/2005	11.13	11.29	0.16	0.60	0.16	13.27
	4/7/2005	11.75	11.88	0.13	1.45	0.38	13.65
	4/22/2005	13.59	13.91	0.32	1.31	0.35	14.00
	5/13/2005	13.02	13.07	0.05	1.17	0.31	14.31

# CAMBRIA

Table 2. Separate-Phase Hydrocarbon Removal Summary - Credit World Auto Sales, 2345 International Blvd, Oakland, California

Well ID	Date Sampled	Depth to SPH (feet)	Depth to Groundwater (feet)	SPH Thickness (feet)	Hydrocarbons Removed (liters)	Hydrocarbons Removed (gallons)	Cumulative Hydrocarbons Removed (gallons)
MW-3 <i>(cont.)</i>	5/27/2005	13.50	13.52	0.02	1.30	0.34	14.65
	6/10/2005	12.64	12.70	0.06	1.40	0.37	15.02
	6/24/2005	13.38	13.47	0.09	1.10	0.29	15.31
	7/7/2005	14.65	14.81	0.16	1.32	0.35	15.66
	7/22/2005	14.23	14.70	0.47	1.20	0.32	15.98
	8/5/2005	14.31	14.40	0.09	1.10	0.29	16.27
TMW-4	12/27/2002	8.95	9.07	0.12	1.50	0.40	0.40
	3/23/2003	10.70	10.73	0.03	0.95	0.25	0.65
	4/4/2003	10.35	10.40	0.05	0.95	0.25	0.90
	5/1/2003	10.07	10.09	0.02	0.49	0.13	1.02
	5/29/2003	12.48	12.50	0.02	0.00	0.00	1.02
	7/25/2003	12.61	12.67	0.06	0.05	0.01	1.03
	8/11/2003	14.49	14.59	0.10	0.10	0.03	1.06
	8/29/2003	12.93	12.95	0.02	0.05	0.01	1.07
	9/12/2003	13.24	13.29	0.05	0.03	0.01	1.08
	9/26/2003	13.21	13.27	0.06	0.04	0.01	1.09
	10/10/2003	13.31	13.40	0.09	0.05	0.01	1.11
	10/30/2003	13.30	13.38	0.08	0.04	0.01	1.12
	11/25/2003	13.09	13.19	0.10	0.02	0.01	1.12
	12/4/2003	12.97	13.07	0.10	0.05	0.01	1.14
	12/23/2003	13.59	13.69	0.10	0.05	0.01	1.15
	1/30/2004	9.45	9.47	0.02	0.01	0.00	1.15
	2/20/2004	9.37	9.39	0.02	0.01	0.00	1.15
	3/12/2004	9.80	9.82	0.02	0.01	0.00	1.16
	3/30/2004	10.11	10.12	0.01	0.00	0.00	1.16
	4/14/2004	10.89	10.93	0.04	0.01	0.00	1.16
	4/23/2004	10.68	10.71	0.03	0.01	0.00	1.16
	5/7/2004	10.50	10.53	0.03	0.04	0.01	1.17
	5/28/2004	10.56	10.60	0.04	0.01	0.00	1.18
	6/4/2004	10.49	10.52	0.03	0.01	0.00	1.18
	6/18/2004	10.46	10.49	0.03	0.01	0.00	1.18
	7/29/2004	11.99	12.00	0.01	0.05	0.01	1.19
	8/13/2004	12.06	12.07	0.01	0.10	0.03	1.22
	8/27/2004	12.09	12.11	0.02	0.10	0.03	1.25
	9/10/2004	13.16	13.18	0.02	0.10	0.03	1.27
	9/23/2004	13.28	13.29	0.01	0.10	0.03	1.30
	10/5/2004	13.25	13.26	0.01	0.01	0.00	1.30
	10/21/2004	13.34	13.35	0.01	0.01	0.00	1.30
	11/2/2004	12.81	12.82	0.01	0.01	0.00	1.31
	11/12/2004	12.77	12.78	0.01	0.01	0.00	1.31
	12/2/2004	12.71	12.72	0.01	0.01	0.00	1.31
	12/10/2004	12.74	12.75	0.01	0.01	0.00	1.32
	2/9/2005	9.92	9.94	0.02	0.01	0.00	1.32
	2/25/2005	8.63	8.65	0.02	0.01	0.00	1.32
	3/11/2005	8.84	8.86	0.02	0.01	0.00	1.32
	3/25/2005	8.11	8.13	0.02	0.01	0.00	1.33
	4/7/2005	8.42	8.44	0.02	0.01	0.00	1.33
	4/22/2005	9.55	9.57	0.02	0.01	0.00	1.33
TMW-5	8/17/1993	12.95	12.98	0.03	0.02	0.00	0.00
	9/16/1994	12.97	13.02	0.05	0.03	0.01	0.01
	6/28/1995	11.25	11.31	0.06	0.04	0.01	0.02
	12/26/1995	10.11	10.16	0.05	0.03	0.01	0.03
	3/22/1996	7.54	7.59	0.05	0.03	0.01	0.03
	8/17/1997	12.95	12.98	0.03	0.02	0.00	0.04
	5/23/2001	--	11.31	0.00	0.00	0.00	0.04
	6/20/2002	11.24	11.29	0.05	0.03	0.01	0.05
	10/21/2002	13.50	13.60	0.10	0.06	0.02	0.06
	12/27/2002	13.50	13.60	0.10	1.50	0.40	0.46

# CAMBRIA

Table 2. Separate-Phase Hydrocarbon Removal Summary - Credit World Auto Sales, 2345 International Blvd, Oakland, California

Well ID	Date Sampled	Depth to SPH (feet)	Depth to Groundwater (feet)	SPH Thickness (feet)	Hydrocarbons Removed (liters)	Hydrocarbons Removed (gallons)	Cumulative Hydrocarbons Removed (gallons)
TMW-5 <i>(cont.)</i>	3/23/2003	9.75	9.79	0.04	0.95	0.25	0.71
	4/4/2003	9.40	9.45	0.05	0.49	0.13	0.83
	5/1/2003	8.93	8.95	0.02	0.38	0.10	0.93
	5/29/2003	11.25	11.29	0.04	0.01	0.01	0.95
	7/25/2003	11.33	11.37	0.04	0.02	0.01	0.95
	8/11/2003	11.47	11.49	0.02	0.01	0.00	0.95
	8/29/2003	12.10	12.17	0.07	0.02	0.01	0.96
	9/12/2003	12.45	12.50	0.05	0.03	0.01	0.97
	9/26/2003	12.40	12.47	0.07	0.02	0.01	0.97
	10/10/2003	12.51	12.61	0.10	0.02	0.01	0.98
	10/30/2003	12.65	12.70	0.05	0.01	0.00	0.98
	11/25/2003	12.39	12.49	0.10	0.01	0.00	0.98
	12/4/2003	12.25	12.35	0.10	0.01	0.00	0.98
	12/23/2003	13.78	13.88	0.10	0.01	0.00	0.99
	1/30/2004	7.63	7.65	0.02	0.01	0.00	0.99
	2/20/2004	7.65	7.67	0.02	0.01	0.00	0.99
	3/12/2004	8.13	8.15	0.02	0.01	0.00	1.00
	3/30/2004	9.09	9.09	0.00	0.00	0.00	1.00
	4/14/2004	9.69	9.73	0.04	0.01	0.00	1.00
	4/23/2004	9.74	9.77	0.03	0.01	0.00	1.00
	5/7/2004	9.61	9.64	0.03	0.04	0.01	1.01
	5/28/2004	9.69	9.72	0.03	0.01	0.00	1.01
	6/4/2004	9.61	9.64	0.03	0.01	0.00	1.02
	6/18/2004	9.63	9.66	0.03	0.01	0.00	1.02
	7/29/2004	12.05	12.06	0.01	0.05	0.01	1.03
	8/13/2004	12.21	12.22	0.01	0.10	0.03	1.06
	8/27/2004	12.28	12.30	0.02	0.10	0.03	1.08
	9/10/2004	12.33	12.35	0.02	0.10	0.03	1.11
	9/23/2004	12.41	12.42	0.01	0.10	0.03	1.14
	10/5/2004	13.37	13.38	0.01	0.01	0.00	1.14
	10/21/2004	12.45	12.46	0.01	0.01	0.00	1.14
	11/2/2004	11.90	11.91	0.01	0.01	0.00	1.15
	11/12/2004	11.84	11.85	0.01	0.01	0.00	1.15
	12/2/2004	11.80	11.81	0.01	0.01	0.00	1.15
	12/10/2004	11.85	11.86	0.01	0.01	0.00	1.15
	2/9/2005	8.75	8.77	0.02	0.01	0.00	1.16
	2/25/2005	6.45	6.48	0.03	0.01	0.00	1.16
	3/11/2005	6.83	6.85	0.02	0.01	0.00	1.16
	3/25/2005	6.20	6.22	0.02	0.01	0.00	1.16
	4/7/2005	6.67	6.69	0.02	0.01	0.00	1.17
	4/22/2005	8.25	8.26	0.01	0.01	0.00	1.17
	7/22/2005	11.01	11.02	0.01	0.01	0.00	1.17
	8/5/2005	11.29	11.33	0.04	0.01	0.00	1.17
MW-6	12/27/2002	7.20	7.24	0.04	1.50	0.39	0.39
	5/29/2003	11.93	11.95	0.02	0.01	0.01	0.40
	7/25/2003	12.05	12.07	0.02	0.02	0.01	0.41
	8/11/2003	12.18	12.20	0.02	0.01	0.00	0.41
	8/29/2003	12.74	12.77	0.03	0.05	0.01	0.42
	9/12/2003	13.09	13.15	0.06	0.05	0.01	0.44
	9/26/2003	13.08	13.11	0.03	0.05	0.01	0.45
	10/10/2003	13.27	13.43	0.16	0.08	0.02	0.47
	10/30/2003	13.32	13.40	0.08	0.05	0.01	0.49
	11/25/2003	13.09	13.24	0.15	0.04	0.01	0.50
	12/4/2003	13.04	13.14	0.10	0.02	0.01	0.50
	12/23/2003	13.50	13.60	0.10	0.01	0.00	0.50
	1/30/2004	8.42	8.44	0.02	0.01	0.00	0.51
	2/20/2004	8.38	8.40	0.02	0.01	0.00	0.51
	3/12/2004	8.91	8.93	0.02	0.01	0.00	0.51
	3/30/2004	9.68	9.69	0.01	0.00	0.00	0.51

# CAMBRIA

Table 2. Separate-Phase Hydrocarbon Removal Summary - Credit World Auto Sales, 2345 International Blvd, Oakland, California

Well ID	Date Sampled	Depth to SPH (feet)	Depth to Groundwater (feet)	SPH Thickness (feet)	Hydrocarbons Removed (liters)	Hydrocarbons Removed (gallons)	Cumulative Hydrocarbons Removed (gallons)
MW-6	4/14/2004	10.14	10.18	0.04	0.01	0.00	0.51
(cont.)	4/23/2004	10.19	10.22	0.03	0.01	0.00	0.52
	5/7/2004	10.25	10.28	0.03	0.04	0.01	0.53
	5/28/2004	10.27	10.30	0.03	0.01	0.00	0.53
	6/4/2004	10.24	10.27	0.03	0.01	0.00	0.53
	6/18/2004	10.27	10.30	0.03	0.01	0.00	0.54
	7/29/2004	12.01	12.02	0.01	0.05	0.01	0.55
	8/13/2004	12.18	12.19	0.01	0.10	0.03	0.57
	8/27/2004	12.25	12.27	0.02	0.10	0.03	0.60
	9/10/2004	12.32	12.33	0.01	0.10	0.03	0.63
	9/23/2004	12.43	12.44	0.01	0.10	0.03	0.65
	10/5/2004	13.36	13.38	0.02	0.01	0.00	0.66
	10/21/2004	12.48	12.49	0.01	0.01	0.00	0.66
	11/2/2004	11.95	11.96	0.01	0.01	0.00	0.66
	11/12/2004	11.88	11.89	0.01	0.01	0.00	0.66
	12/2/2004	11.82	11.83	0.01	0.01	0.00	0.67
	12/10/2004	11.87	11.88	0.01	0.01	0.00	0.67
	2/9/2005	9.21	9.23	0.02	0.01	0.00	0.67
	2/25/2005	7.23	7.25	0.02	0.02	0.01	0.68
	3/11/2005	7.39	7.41	0.02	0.01	0.00	0.68
	3/25/2005	6.80	6.82	0.02	0.01	0.00	0.68
	4/7/2005	6.95	6.96	0.01	0.01	0.00	0.69
	4/22/2005	8.95	8.97	0.02	0.01	0.00	0.69
<i>Hydrocarbons removed during the 3rd Quarter 2005 (gallons) =</i>							<b>2.26</b>
<i>Cumulative hydrocarbons removed by bailing or purging (gallons) =</i>							<b>68.04</b>
<i>Hydrocarbons removed by Tank Protect (see below) (gallons) =</i>							<b>5.0</b>
<i>Cumulative estimated hydrocarbons removed to date (gallons) =</i>							<b>73.04</b>

Abbreviations and Notes:

SPH = Separate phase hydrocarbons

Depths measured in feet from top of well casing.

SPH removal volumes were provided for 5/23/01, 6/13/01, and 12/27/02 data.

The volume of hydrocarbons removed prior to 12/27/2002 were estimated by multiplying the well casing volume (2" diameter casing = 0.60 liters/foot) by the SPH thickness (feet). After 12/27/2002 SPH volumes were measured in the field and recorded.

Note = approximately 3 to 5 gallons was reported to have been removed by Tank Protect between 8/20/97 and 1/14/98 with continuous free product removal system.

## **APPENDIX A**

**Groundwater Monitoring Field Data Sheets**



MUSKAN  
ENVIRONMENTAL  
SAMPLING

## WELL GAUGING SHEET

Client: Cambria Environmental Technology Inc.

Site  
Address: 2345 International Boulevard Oakland, CA

Date: 9/29/2005

Signature:

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
RW-1	10:30		11.60		20.93	
MW-1A	10:50		11.92		19.33	
MW-1B	10:45		13.62		34.79	
MW-2A	11:00		10.95		18.63	
MW-3A	10:55		12.52		20.20	
TMW-4A	10:25		10.00		20.35	
TMW-5	10:40		11.72		20.50	
MW-6	10:35		11.50		19.21	
MW-7	10:20		8.80		15.67	
MW-8	10:15		10.08		17.22	
MW-9	10:10		9.40		19.49	



MUSKAN  
ENVIRONMENTAL  
SAMPLING

## **WELL GAUGING SHEET**



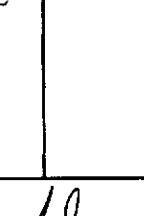
MUSKAN  
ENVIRONMENTAL  
SAMPLING

## **WELL SAMPLING FORM**



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## **WELL SAMPLING FORM**

Date:	9/29/2005							
Client:	Cambria Environmental Technology Inc.							
Site Address:	2345 International Boulevard Oakland, CA							
Well ID:	TMW-5							
Well Diameter:	2"							
Purging Device:	Disposable Bailer							
Sampling Method:	Disposable Bailer							
Total Well Depth:	20.50		Fe=	mg/L				
Depth to Water:	11.72		ORP=	mV				
Water Column Height:	8.78		DO=	1.85 mg/L				
Gallons/ft:	0.16							
1 Casing Volume (gal):	1.40		COMMENTS: sheen, odor					
3 Casing Volumes (gal):	4.21							
TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. ( $\mu$ S/cm)				
11:30	1.4	20.7	6.90	2015				
11:35	2.8	20.4	6.87	1913				
11:40	4.2	20.2	6.89	1910				
Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method		
TMW-5	9/30/2005	11:45	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, confirmation by 8260		
								

## **APPENDIX B**

### **Separated Phase Hydrocarbon Removal Field Data Sheets**



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## **SPH BAILING SHEET**

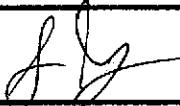


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## **SPH BAILING SHEET**



## SPH BAILING SHEET

Client: Cambria Environmental Technology						
Site Address: 2345 International Blvd. Oakland, CA						
Date: 8/5/2005			Signature: 			
Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Total SPH Removed	Comments
MW-1	9:45	12.20	12.29	0.09	30ml	Removed 1000 ml from skimmer in well MW-2 Removed 1000 ml from skimmer in well MW-3 Gauged wells MW-2 and MW-3 by removing skimmers and waiting one hour prior to gauging. Wells TMW-4, and MW-6 did not contain any measurable SPH. A visual inspection of these three wells also did not reveal any SPH.
MW-2	9:55	12.00	12.37	0.37	1360 ml	
MW-3	9:50	14.31	14.40	0.09	1100 ml	
TMW-4	9:30	NO SPH	12.18	not measurable	—	
TMW-5	9:40	11.29	11.33	0.04	10 ml	
MW-6	9:35	NO SPH	11.30	not measurable	—	



## SPH BAILING SHEET

Client: Cambria Environmental Technology						
Site						
Address: 2345 International Blvd, Oakland, CA						
Date: 8/19/2005			Signature: 			
Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Total SPH Removed	Comments
MW-1A	8:35	NO SPH	11.55	not measurable	--	Gauged with skimmers in wells MW-2A and MW-3A. No SPH in skimmers.
MW-1B	8:40	NO SPH	13.42	not measurable	--	
MW-2A	8:55	NO SPH	10.75	not measurable	--	
MW-3A	8:50	NO SPH	12.12	not measurable	--	
TMW-4A	8:00	NO SPH	9.92	not measurable	--	
TMW-5	8:45	NO SPH	11.21	not measurable	--	
MW-6	8:05	NO SPH	11.20	not measurable	--	
MW-7	8:10	NO SPH	8.52	not measurable	--	
MW-8	8:15	NO SPH	9.76	not measurable	--	
MW-9	8:20	NO SPH	8.98	not measurable	--	
MW-10	8:25	NO SPH	9.16	not measurable	--	



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## **SPH BAILING SHEET**



## SPH BAILING SHEET

Client: Cambria Environmental Technology						
Site						
Address: 2345 International Blvd. Oakland, CA						
Date: 9/2/2005			Signature:			
Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Total SPH Removed	Comments
MW-1A	Inaccessible					Gauged with skimmers in wells MW-2A and MW-3A. No SPH in skimmers.
MW-1B	8:05	NO SPH	13.68	not measurable	—	
MW-2A	8:15	NO SPH	10.89	not measurable	--	
MW-3A	8:10	NO SPH	13.80	not measurable	—	
TMW-4A	7:55	NO SPH	9.98	not measurable	—	
TMW-5	Inaccessible					
MW-6	Inaccessible					
MW-7	7:50	NO SPH	8.78	not measurable	—	
MW-8	7:45	NO SPH	9.81	not measurable	—	
MW-9	7:40	NO SPH	9.04	not measurable	—	
MW-10	7:30	NO SPH	9.31	not measurable	—	



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## **SPH BAILING SHEET**

**APPENDIX C**

**Laboratory Analytical Report**



**McCampbell Analytical, Inc.**

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560  
Telephone : 925-798-1620 Fax : 925-798-1622  
Website: [www.mccampbell.com](http://www.mccampbell.com) E-mail: [main@mccampbell.com](mailto:main@mccampbell.com)

Cambria Env. Technology  5900 Hollis St, Suite A  Emeryville, CA 94608	Client Project ID: #513-1000; Wong, Oakland	Date Sampled: 09/29/05
	Client Contact: Matt Meyers	Date Received: 09/30/05
	Client P.O.:	Date Reported: 10/06/05
		Date Completed: 10/06/05

**WorkOrder: 0509694**

October 06, 2005

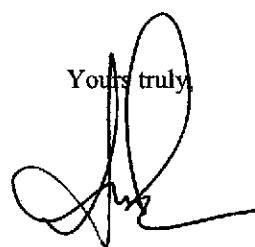
Dear Matt:

Enclosed are:

- 1). the results of 2 analyzed samples from your #513-1000; Wong, Oakland project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,  
  
Angela Rydelius, Lab Manager



McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560  
Telephone : 925-798-1620 Fax : 925-798-1622  
Website: [www.mccampbell.com](http://www.mccampbell.com) E-mail: [main@mccampbell.com](mailto:main@mccampbell.com)

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #513-1000; Wong, Oakland	Date Sampled: 09/29/05-09/30/05
		Date Received: 09/30/05
	Client Contact: Matt Meyers	Date Extracted: 10/05/05-10/06/05
	Client P.O.:	Date Analyzed: 10/05/05-10/06/05

**Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE\***

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0509694

\* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.



**McCormick Analytical, Inc.**

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560  
Telephone : 925-798-1620 Fax : 925-798-1622  
Website: www.mccormick.com E-mail: main@mccormick.com

## QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0509694

EPA Method: SW8021B/8015Cm		Extraction: SW5030B			BatchID: 18322			Spiked Sample ID: 0509671-010A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex) <sup>E</sup>	ND	60	106	112	5.39	101	98.1	3.12	70 - 130	70 - 130
MTBE	ND	10	87.9	94.9	7.59	90.7	88.7	2.29	70 - 130	70 - 130
Benzene	ND	10	87.4	91.6	4.71	83.2	101	19.3	70 - 130	70 - 130
Toluene	ND	10	87.1	92	5.50	84.9	98.8	15.2	70 - 130	70 - 130
Ethylbenzene	ND	10	89.5	95.5	6.45	86.5	102	16.4	70 - 130	70 - 130
Xylenes	ND	30	90.3	99	9.15	89	91.3	2.59	70 - 130	70 - 130
%SS:	106	10	97	95	1.51	93	105	11.6	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

### BATCH 18322 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509694-001A	9/30/05 11:45 AM	10/05/05	0/05/05 11:15 PM	0509694-002A	9/29/05 1:35 PM	10/06/05	0/06/05 12:57 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

<sup>E</sup> TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



**McCAMPBELL ANALYTICAL, INC.**

110 Second Avenue South, #D7  
Pacheco, CA 94553-5560  
(925) 798-1620

**CHAIN-OF-CUSTODY RECORD**

Page 1 of 1

WorkOrder: 0509694

ClientID: CETE

EDF: NO

## Report to:

Matt Meyers

Cambria Env. Technology  
5900 Hollis St, Suite A  
Emeryville, CA 94608

TEL: (510) 420-0700  
FAX: (510) 420-9170  
ProjectNo: #513-1000; Wong, Oakland  
PO:

## Bill to:

Accounts Payable  
Cambria Env. Technology  
5900 Hollis St, Ste. A  
Emeryville, CA 94608

Requested TAT:

5 days

*Date Received:* 09/30/2005  
*Date Printed:* 09/30/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

0509694-001	TMW5	Water	9/30/05 11:45:00	<input type="checkbox"/>	A	A													
0509694-002	MW-6	Water	9/29/05 1:35:00 PM	<input type="checkbox"/>	A														
0509694-003	TB	Water		<input checked="" type="checkbox"/>	A														

Test Legend:

1	G-MBTEX_W
6	
11	

2	PREDF REPORT
7	
12	

3	
8	
13	

4	
9	
14	

5	
10	
15	

Prepared by: Elisa Venegas

## Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

## **APPENDIX D**

### **GeoTracker Electronic Delivery Confirmations**

## Electronic Submittal Information

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### UPLOADING A GEO\_WELL FILE

**Processing is complete. No errors were found!  
Your file has been successfully submitted!**

**Submittal Title:** GW Monitoring Rpt - 3rd Qtr  
2005

**Submittal Date/Time:** 12/2/2005 4:57:55 PM

**Confirmation Number:** 1730558633

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## Electronic Submittal Information

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Your EDF file has been successfully uploaded!

**Confirmation Number:** 3946535348

**Date/Time of Submittal:** 12/5/2005 3:03:43 PM

**Facility Global ID:** T0600101337

**Facility Name:** TAXI TAXI INC

**Submittal Title:** GW Monitoring Rpt - 3rd Qtr 2005

**Submittal Type:** GW Monitoring Report

**Click [here](#) to view the detections report for this upload.**

TAXI TAXI INC 2345 14TH ST E OAKLAND, CA 94601	<b>Regional Board - Case #:</b> 01-1448 SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) <b>Local Agency (lead agency) - Case #:</b> 2116 ALAMEDA COUNTY LOP - (JTW)
<b>CONF #</b> 3946535348	<b>TITLE</b> GW Monitoring Rpt - 3rd Qtr 2005
<b>SUBMITTED BY</b> Matt Meyers	<b>SUBMIT DATE</b> 12/5/2005

### **SAMPLE DETECTIONS REPORT**

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
SAMPLE MATRIX TYPES	WATER

### **METHOD QA/QC REPORT**

METHODS USED	SW8021F
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- SW8021F REQUIRES ETBE TO BE TESTED	2
- SW8021F REQUIRES TAME TO BE TESTED	2
- SW8021F REQUIRES DIPE TO BE TESTED	2
- SW8021F REQUIRES TBA TO BE TESTED	2
- SW8021F REQUIRES DCA12 TO BE TESTED	2
- SW8021F REQUIRES EDB TO BE TESTED	2
LAB NOTE DATA QUALIFIERS	N

### **QA/QC FOR 8021/8260 SERIES SAMPLES**

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0

DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?

- LAB METHOD BLANK Y
- MATRIX SPIKE Y
- MATRIX SPIKE DUPLICATE Y
- BLANK SPIKE Y
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED Y

**WATER SAMPLES FOR 8021/8260 SERIES**

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

**SOIL SAMPLES FOR 8021/8260 SERIES**

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

**FIELD QC SAMPLES**

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS &gt; REPDL</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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### UPLOADING A GEO\_REPORT FILE

**YOUR DOCUMENT UPLOAD WAS SUCCESSFUL!**

**Facility Name:** TAXI TAXI INC  
**Global ID:** T0600101337  
**Title:** GW Monitoring Rpt - 3rd Qtr  
2005  
**Document Type:** Monitoring Report - Quarterly  
**Submittal Type:** GEO\_REPORT  
**Submittal Date/Time:** 12/13/2005 9:48:23 AM  
**Confirmation Number:** 3006070792

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