CAMBRIA

December 27, 2006

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Dual-Phase Extraction Pilot Test Report**
And Groundwater Monitoring Report – Fourth Quarter 2006
Former Shell Service Station
1230 14th Street
Oakland, California
SAP Code 129403
Incident No. 97088250

Dear Mr. Chan:

Cambria Environmental Technology Inc. (Cambria) is submitting this *Dual-Phase Extraction Pilot Test Report And Groundwater Monitoring Report – Fourth Quarter 2006* on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell). This report presents the results of the testing activities.

SITE LOCATION AND DESCRIPTION

This former Shell-branded service station is located at the northeast corner of the 14th Street and Union Street intersection in Oakland (Figures 1 and 2). Currently, an abandoned one-story station building and a pump island canopy occupy the site, and much of the property is unpaved. The surrounding area's land use is currently residential to the north, south, and east, and is commercial/industrial to the west and southwest.

Subsurface investigations and remedial activities have been performed at this site since 1991. Attachment A contains a detailed description of previous work at this site, for reference. The residual impacted soils at this site are located primarily beneath the former UST complex. Cambria conducted hydrogen peroxide injection events (March and September 2003). Groundwater concentrations continued to show seasonal fluctuations after performing the hydrogen peroxide injections. Cambria prepared a risk assessment, which indicated that the residual surface soil, residual subsurface soils, and the groundwater concentrations (except TPHg) did not pose a threat to human health or the environment. The TPHg concentrations exceeded the ESLs for groundwater, but an argument was presented to justify a closure request (April 2005). Following this submittal, increasing groundwater concentrations were observed.

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Periodic groundwater extraction was initiated in December 2005 and continued through August 2006. A dual-phase extraction (DPE) pilot test was scheduled and performed in August 2006, the results of which are presented herein.

DUAL-PHASE EXTRACTION PILOT TEST

Historical groundwater monitoring data (Attachment B) suggest that vadose zone soils and/or saturated soils may remain impacted with petroleum hydrocarbons. At the request of Shell, Cambria conducted a dual-phase extraction (DPE) pilot test to assess petroleum hydrocarbon impact to vadose zone and saturated soils. Additionally, DPE testing was conducted to assess the potential effectiveness of this remedial technology at this site to remediate the remaining impacted soils and result in decreasing groundwater concentrations. The objectives of the DPE pilot test are listed below:

1) Remove residual hydrocarbon mass from the source area;
2) Assess the magnitude of vapor-phase hydrocarbons yielded from the source area;
3) Determine whether extracted vapor-phase hydrocarbon concentrations would be sustained over time;
4) Assess the vapor extraction flow rate yielded from the soil formation;
5) Assess the groundwater extraction flow rate yielded from the aquifer;
6) Assess the residual hydrocarbon mass removal by DPE from soil and groundwater; and
7) Estimate a vacuum radius of influence.

Well MW-5 was initially selected for DPE testing. Upon inspection, the well casing was found compromised, at approximately 10 fbg, such that a pump could not be installed. Therefore, Cambria tested wells MW-1 and VW/AS-1, based on their proximity to the source area and seasonal elevated groundwater concentrations.

DPE Equipment: A Solleco trailer-mounted positive displacement blower with electric catalytic oxidizer (Solleco unit) was used as the vapor extraction and abatement device during interim remediation. A 150-kilowatt generator powered the Solleco unit. A valve controlled the applied vacuum and vapor extraction flow rate. The Solleco unit is equipped with auto-dilution and manual dilution valves for additional vacuum and flow control, as well as to maintain oxidizer temperatures within the specified range. Depending on the construction of the test well, either a down-well stinger or submersible pump was used for dewatering.

Field vapor concentrations were measured with a Horiba model MEXA554J organic vapor analyzer (OVA). Vapor samples were collected in one-liter tedlar bags using a Gast rotary-vane sample pump. The vacuum induced in nearby wells, at the wellhead, and within the sample manifold was monitored using Magnehelic differential pressure gauges. A thermal anemometer was used to measure extraction flow rates.

The extracted groundwater was temporarily stored in an on-site storage tank, and transported via vacuum truck to the Shell refinery in Martinez, California for reclamation.

Data Collection and Sampling: Data was collected on standard forms. The depth to groundwater in onsite monitoring wells and distances between the extraction and monitoring points were recorded prior to beginning DPE. Throughout the DPE pilot test, Cambria measured the applied vacuum, airflow, volatile organic vapor concentration, and vacuum influence in nearby wells at 15 to 30 minute intervals. Samples of the extracted soil vapor were collected several times during testing. Depth to groundwater was periodically measured in observation wells to assess drawdown.

Analyses: All laboratory samples were analyzed by Test America Analytical Testing Corporation, a State of California certified laboratory, using EPA Method 8260B to determine TPHg, BTEX, and MTBE concentrations and verify field measurements.

Health and Safety Plan: A site-specific Health and Safety Plan was prepared for the pilot testing activities, and was kept onsite throughout the remedial activities.

Results of DPE Pilot Test

The monitoring well construction details are presented in Table 1, for reference. The vapor extraction data are summarized in Table 2. The groundwater extraction data are summarized in Table 3. Laboratory analytical results are included in Attachment C. Details of the pilot test are presented below.

DPE Test on MW-1: DPE activities from well MW-1 began at 11:00 on August 22, 2006. The initial depth to groundwater was measured at 11.04 fbg in well MW-1 prior to starting DPE. A 2" diameter pneumatic pump was installed in MW-1 for dewatering. Using a vapor extraction connection to the wellhead, Cambria personnel performed a step test by monitoring system parameters (flow and hydrocarbon concentrations) at different applied vacuums. The applied wellhead vacuum was stepped up from an initial setting of 43.5 inches of water column – gauge

(inches WC) to 100 inches WC. At 14:20, groundwater was observed in the extraction hose. It was determined that the pneumatic pump could not sufficiently dewater the well. Therefore, DPE activities from this well were discontinued at 15:00.

On August 23, Cambria installed an electric submersible pump in well MW-1 for dewatering then restarted testing at 12:00. A 4" diameter pneumatic pump was installed in MW-7 for supplemental dewatering, but was shut off after 2 hours of extraction. DPE activities from well MW-1 continued through 08:45 on August 24, 2006. During DPE testing on MW-1, the extraction flow rate ranged from 7.6 to 35.0 standard cubic feet per minute (scfm). The maximum vapor flow rate of 35 scfm was observed at an applied wellhead vacuum of 99.9 inches WC. Cambria personnel measured an induced vacuum in well VW/AS-1 at 0.1 inches WC.

Two vapor samples were collected in Tedlar bags for laboratory analysis. The vapor sample collected at 14:30 on August 22, 2006 contained <14 parts per million by volume (ppmv) TPHg, 0.19 ppmv benzene, and <0.14 ppmv MTBE. The vapor sample collected at 13:45 on August 23, 2006 contained 1,500 parts ppmv TPHg, 3.3 ppmv benzene, and <0.14 ppmv MTBE. DPE operation time from well MW-1 totaled approximately 24.8 hours.

An estimated 1,666 gallons and 195 gallons of groundwater were removed from wells MW-1 (slightly more than 1 gpm) and MW-7, respectively.

DPE Test on VW/AS-1: DPE activities from well VW/AS-1 took place between 16:30 on August 22, 2006 and 11:30 on August 23, 2006. The initial depth to groundwater was measured at 11.75 fbg in well VW/AS-1 prior to starting DPE. DPE from well VW/AS-1 was implemented again between 9:30 on August 24, 2006 and 14:30 on August 25, 2006. During testing, the extraction flow rate ranged from 9.7 to 19.6 scfm. The maximum vapor flow rate of 19.6 scfm was observed at an applied wellhead vacuum of 105 inches WC. Cambria personnel did not observe induced vacuum in wells MW-1, MW-2, MW-5, MW-6, MW-7, or VW/AS-3.

Five vapor samples were collected in tedlar bags for laboratory analysis. The vapor sample collected at 17:00 on August 22, 2006 contained 690 ppmv TPHg, 49 ppmv benzene, and <0.14 ppmv MTBE. The vapor sample collected at 10:30 on August 23, 2006 contained 1,500 ppmv TPHg, 46 ppmv benzene, and <0.14 ppmv MTBE. The vapor sample collected at 12:15 on August 24, 2006 contained 1,300 ppmv TPHg, 43 ppmv benzene, and <0.28 ppmv MTBE. The vapor sample collected at 9:30 on August 25, 2006 contained 380 ppmv TPHg, 5.9 ppmv benzene, and <1.4 ppmv MTBE. The vapor sample collected at 14:00 on August 25, 2006 contained 900 ppmv TPHg, 26 ppmv benzene, and <1.4 ppmv MTBE. DPE operation time from well VW/AS-1 totaled approximately 48.0 hours.

An estimated 840 gallons of groundwater were removed from well VW/AS-1 by DPE (at approximately 0.3 gpm).

DPE TEST CONCLUSIONS

Well MW-1: Vapor concentrations of TPHg and benzene were initially below detection limits when the well was not dewatered. TPHg and benzene vapor concentrations reported from samples collected near the end of DPE activities were 1,500 ppmv and 3.3 ppmv, respectively. The well was dewatered at the time of sample collection. These final vapor concentrations are moderately low. The increase in vapor concentration following dewatering suggests that vadose zone soils are not impacted, but soils below the water table remain slightly impacted near well MW-1.

Well VW/AS-1: Decreasing TPHg and benzene vapor concentrations were encountered over the duration of DPE from well VW/AS-1. TPHg vapor concentrations were reduced from 1,500 ppmv to 900 ppmv. Benzene vapor concentrations were reduced from 49 ppmv to 26 ppmv. These final vapor concentrations are moderately low, but suggest that vadose zone soils near well VW/AS-1 remain slightly impacted with petroleum hydrocarbons. This is supported by the monitoring data which indicates increased concentrations when water table rises.

Summary: The vapor extraction flow rate ranged from 7.6 to 35 scfm during DPE from wells MW-1 or VW/AS-1. The maximum vapor extraction flow rate is considered moderate and consistent with soil types (silty sand, sand) encountered at this site.

Based on operating parameters and vapor sample analytical results, the total vapor-phase mass removed from well MW-1 during DPE activities is estimated at 2.99 pounds of TPHg and 0.011 pounds of benzene. The total vapor-phase mass removed from well VW/AS-1 is estimated at 8.20 pounds of TPHg and 0.221 pounds of benzene. The total vapor-phase mass removed from all wells during the DPE activities is estimated at 11.2 pounds of TPHg and 0.231 pounds of benzene.

Radius of Influence: Wells MW-1, MW-2, MW-5, MW-6, MW-7, VW/AS-1, and VW/AS-3 were used to measure vacuum influence or alternatively as extraction points. An effective radius of influence is typically identified where observed vacuum is approximately 1% of the applied vacuum. Effective radius of influence data was not observed in any observation well during DPE activities.

Groundwater Extraction: During DPE activities, groundwater was removed from wells MW-1, VW/AS-1, and MW-7 using a combination of pneumatic pumps, electric pumps, and the Solleco unit. A total of approximately 2,701 gallons of groundwater was removed during approximately 72.8 hours of DPE testing on wells MW-1 and VW/AS-1. Individual well totals are not available. However, the total extracted volume was proportioned based on test duration and observations to estimate the volume extracted from each well. An estimated 1,666 gallons, 840 gallons, and 195 gallons were removed from wells MW-1, VW/AS-1, and MW-7, respectively. The highest groundwater extraction rate was determined to be from well MW-1 with an average flow rate of 1.66 gpm, which is attributed to well construction. Table 3 presents the groundwater extraction data.

Groundwater level measurements were recorded periodically during DPE activities in wells MW-1, MW-2, MW-5, MW-6, MW-7, VW/AS-1, and VW/AS-3, but do not indicate induced groundwater drawdown.

Based on the volume of groundwater extracted and the August 30 groundwater monitoring analytical data, the total dissolved-phase mass removed by this DPE test is estimated at 1.56 pounds of TPHg and 0.125 pounds of benzene.

GROUNDWATER MONITORING – 4Q06

The Fourth Quarter sampling and reporting activities were performed in accordance with the quarterly reporting requirements of 23 CCR 2652d. Blaine Tech Services, Inc. (Blaine) gauged and sampled the wells according to the established monitoring program for this site. Cambria prepared the groundwater elevation contour and chemical concentration map (Figure 2). Blaine's report, presenting the analytical data, field sheets, and an historical groundwater data table, is included in Attachment B.

As shown on Figure 2, the groundwater flow direction is to the northeast with a hydraulic gradient of 0.007. The depths to water this event ranged from ___ to ___ feet below the top of well casing. The next monitoring event is scheduled for the second month of the first quarter of 2007 (February).

RECOMMENDATIONS

The data from this pilot test indicate that DPE is not an appropriate remedial technology for this site. Hydrocarbon vapor concentrations were moderately low, which suggests that vadose soils are not significantly impacted near the test wells and/or residual hydrocarbon impacts can't be effectively removed by DPE. Additionally, an acceptable vapor-phase radius of influence was not observed, and groundwater yield was extremely low. As a result of the damaged MW-5 well casing, it was not determined if hydrocarbon impacts remain immediately within the former UST complex.

At this juncture, Cambria recommends the following:

1. Destroy wells VW/AS-1 and VW/AS-3. As reported in Cambria's October 9, 2006 *Groundwater Monitoring and Remediation Report – Third Quarter 2006*, co-axial wells VW/AS-1 and VW/AS-3 were compromised during DPE testing. The sparge points were not secure. While setting vacuum gauges, Cambria's technician was able to remove these sparge points by hand. Cambria recommends destroying these wells. The other remaining wells are sufficient for monitoring groundwater. Therefore, we do not recommend replacing these wells.
2. TPHg and BTEX concentrations in groundwater remain elevated. Figures 3 through 6 present TPHg and benzene concentrations along with groundwater elevation versus time through the November 2006 monitoring event. The concentration increases observed in August and September can be attributed to the seasonal drop in groundwater levels, and also to the DPE pilot test. The most recent groundwater monitoring data (November 2006, Attachment B) indicates that concentrations may again be decreasing since the August DPE test; however, additional monitoring is needed to confirm this observation. As an interim remedial measure to reduce contaminant concentrations and minimize migration, Cambria recommends installing and operating a temporary groundwater extraction system. Groundwater would be extracted from the location of well MW-5 and from a new proposed extraction well located between MW-1 and MW-7. Based on the fairly low concentrations of groundwater during the high water table season, it may be prudent to operate the temporary system only when the water levels are deeper than 9 feet below grade, or if drawdown to this level can be maintained during the high water table season.
    - If GWE is approved, we recommend destruction of damaged well MW-5 and installing a replacement for MW-5 as an extraction well, along with installation

3. To evaluate whether the residual subsurface petroleum impact is resulting in the migration of petroleum vapors through the soil column, we recommend that soil-vapor probe pairs be installed at select locations and monitored at both high water table and low water table seasons.

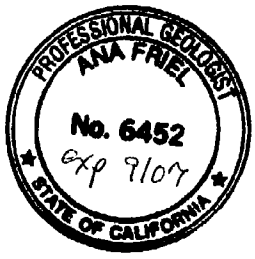
Upon approval of these recommendations from ACHCSA or upon direction from Shell to proceed, Cambria will prepare a work plan to detail the recommended activities.

CLOSING

If you have any questions regarding the contents of this document, please call Ana Friel at (707) 268-3812.

Sincerely,
Cambria Environmental Technology, Inc.

M. Mizery
for Dan Lescure
Senior Project Engineer



Ana Friel, PG
Associate Geologist

Attachments:

Table 1. Well Data
Table 2. Soil Vapor Extraction/Dual-Phase Extraction – Vapor Phase Mass Removal
Table 3. Dual-Phase Extraction – Liquid Phase Mass Removal

Figure 1. Vicinity Map
Figure 2. Groundwater Elevation Contour and Chemical Concentration Map – 4Q06
Figure 3. Well MW-1 TPHg, Benzene, and Groundwater Elevation versus Time
Figure 4. Well MW-5 TPHg, Benzene, and Groundwater Elevation versus Time
Figure 5. Well VW/AS-1 TPHg, Benzene, and Groundwater Elevation versus Time
Figure 6. Well MW-7 TPHg, Benzene, and Groundwater Elevation versus Time

Attachment A. Site History
Attachment B. Blaine Groundwater Monitoring Report – 4Q06
Attachment C. Certified Laboratory Analytical Reports

cc: Mr. Denis Brown, Shell
Mr. Tom Saberi, 1045 Airport Boulevard, Suite 12, South San Francisco, CA 94080
Ms. Joan Mack, Caldwell, Leslie, Proctor & Pettit, PC, 1000 Wilshire Blvd, Suite 600, Los Angeles, CA 90017-2463
Ms. Ellen Wyrick-Parkinson, 1420 Magnolia Street, Oakland, CA 94607

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Table 1. Well Data - Former Shell Service Station, 1230 14th Street, Oakland, California

Well/ Boring Name	Boring Type	Completion Date	TOC Elev (ft msl)	Total Depth (fbg)	Soil Sample Interval (ft)	GW Depth (fbg)		Screen Diam. (in)	Screen Depth (fbg)		Comments
						First Encountered	Static		Top	Bottom	
MW-1	8" Well Boring (HSA)	6-Mar-96	18.58	22.5	5	-	9.53	2	6	22.5	
MW-2	8" Well Boring (HSA)	6-Mar-96	17.90	22.5	5	-	8.19	2	7.5	22.5	
MW-3	8" Well Boring (HSA)	6-Mar-96	18.17	22.5	5	-	8.47	2	6	22.5	
MW-4	8" Well Boring (HSA)	6-Mar-96	18.01	22.0	5	-	9.20	2	7	21.5	
MW-5	10" Well Boring (HSA)	27-Sep-01	18.47	20	5	10 to 12	11.86	4	5	20	Damaged
MW-6	10" Well Boring (HSA)	27-Sep-01	18.84	20	5	10 to 12	12.19	4	5	20	
MW-7	10" Well Boring (HSA)	27-Sep-01	19.20	20	5	10 to 12	12.66	4	5	20	
VW/MW-2	8" Well Boring (HSA)	7-Mar-96	18.28	22.5	5	-	9.04	2	6	22.5	
VW/MW-4	8" Well Boring (HSA)	8-Mar-96	18.13	20.0	5	-	8.45	2	5	20	
VW/AS-1	8" Well Boring (HSA)	7-Mar-96	18.52	20.0	5	-	8.98	1	17.5	19.5	Sparge (damaged)
VW/AS-1	8" Well Boring (HSA)	7-Mar-96	18.52	15.0	5	-	8.98	2	6	15	Vent
VW/AS-3	8" Well Boring (HSA)	7-Mar-96	18.14	20.0	5	-	8.50	1	18	20	Sparge (damaged)
VW/AS-3	8" Well Boring (HSA)	7-Mar-96	18.14	15.0	5	-	8.50	2	6	15	Vent

Abbreviations and Notes:
TOC Elev = Top of casing elevation
Elev = Elevation
GW = Groundwater
ft = Feet
ft msl = Feet referenced to mean sea level
fbg = Feet below grade
C = Continuous
Diam. = Diameter
in = Inches
HSA = Hollow-stem auger

Table 2. Dual-Phase Extraction - Vapor Phase Mass Removal, Former Shell Service Station, 1230 14th Street, Oakland, California

Well # / Date/Time	Hour Meter (hours)	Cumulative Operation (hours)	Well Head: Vacuum Gauge (in WC)	Well Head: Vacuum Abs (in WC)	Well Head: Flow Rate (acfm)	Well Head: Flow Rate (scfm)	Hydrocarbon Concentrations: TPHg (ppmv)	Hydrocarbon Concentrations: Benzene (ppmv)	TPHg: Removal Rate (#/hour)	TPHg: Cumulative Removed (#)	Benzene: Removal Rate (#/hour)	Benzene: Cumulative Removed (#)	NOTES:
MW-1 DPE TEST													
August 22, 2006													
8/22/06 11:00	83.6	0.0	43.5	363.3	27.4	24.5	4		0.002	0.000	0.0001	0.00000	
8/22/06 11:15	83.8	0.2	50.1	356.7	29.7	26.0	3		0.002	0.000	0.0001	0.00001	
8/22/06 11:30	84.1	0.5	75.0	331.8	38.6	31.5	3		0.003	0.001	0.0001	0.00003	
8/22/06 12:00	84.6	1.0	72.9	333.9	39.4	32.3	13		0.003	0.003	0.0001	0.00007	
8/22/06 12:30	85.1	1.5	71.4	335.4	39.1	32.2	7		0.003	0.004	0.0001	0.00011	
8/22/06 13:00	85.6	2.0	100.1	306.7	41.2	31.1	0		0.003	0.006	0.0001	0.00014	
8/22/06 13:20	85.9	2.3	100.1	306.7	41.4	31.2	0		0.003	0.007	0.0001	0.00017	
8/22/06 14:00	86.6	3.0	99.9	306.9	46.4	35.0	1		0.003	0.009	0.0001	0.00022	
8/22/06 14:30	87.1	3.5	40.0	366.8	24.8	22.4	**<14**	**0.19**	0.002	0.010	0.0001	0.00025	Pneumatic pump unable to dewater well.
8/22/06 15:00	87.6	4.0	40.1	366.7	24.6	22.2	18		0.002	0.011	0.0001	0.00027	Move testing to well VW/AS-1.
August 23, 2006													
8/23/06 12:00	108.5	4.0	*50.0*	*356.8*	*36.2*	*31.8*	---		0.637	0.011	0.0013	0.00027	Install electric pump in well MW-1.
8/23/06 12:15	108.7	4.2	50.0	356.8	36.2	31.8	0		0.637	0.138	0.0013	0.00052	Restart MW-1 test. DTW = 19 fbg,
8/23/06 12:30	109.0	4.5	108.5	298.3	47.0	34.5	0		0.691	0.346	0.0014	0.00094	
8/23/06 12:45	109.3	4.8	167.0	239.8	49.0	28.9	0		0.579	0.519	0.0012	0.00128	
8/23/06 13:15	109.7	5.2	100.0	306.8	14.0	10.6	875		0.212	0.604	0.0004	0.00145	
8/23/06 13:45	110.2	5.7	95.0	311.8	15.0	11.5	**1,500**	**3.3**	0.231	0.719	0.0005	0.00168	
8/23/06 14:15	110.7	6.2	99.1	307.7	10.0	7.6	1,425		0.152	0.795	0.0003	0.00183	
August 24, 2006													Pump shutoff overnight. Stop MW-1
8/24/06 8:45	129.3	24.8	90.0	316.8	*15.0*	*11.7*	13		0.118	2.99	0.0005	0.01053	test. Move testing back to VW/AS-1.
VW/AS-1 DPE TEST													
August 22, 2006													
8/22/06 16:30	89.1	0.0	84.1	322.7	*17.0*	*13.5*	4,290		0.124	0.000	0.008	0.000	Stinger @ 15 fbg.
8/22/06 17:00	89.6	0.5	84.6	322.2	*17.0*	*13.5*	**690**	**49**	0.124	0.062	0.008	0.004	
8/22/06 17:20	89.9	0.8	83.9	322.9	*17.0*	*13.5*	675		0.124	0.099	0.008	0.006	
8/22/06 17:40	90.2	1.1	84.1	322.7	*17.0*	*13.5*	701		0.124	0.137	0.008	0.009	
8/22/06 18:00	90.6	1.5	84.4	322.4	*17.0*	*13.5*	635		0.124	0.186	0.008	0.012	
August 23, 2006													
8/23/06 8:30	105.0	15.9	95.0	311.8	17.0	13.0	1,050		0.261	3.95	0.007	0.117	
8/23/06 9:00	105.5	16.4	97.0	309.8	16.6	12.6	1,100		0.253	4.08	0.007	0.120	
8/23/06 9:30	106.0	16.9	96.0	310.8	17.5	13.4	750		0.268	4.21	0.007	0.124	
8/23/06 10:15	106.7	17.6	110.0	296.8	21.8	15.9	580		0.319	4.43	0.009	0.130	

Table 2. Dual-Phase Extraction - Vapor Phase Mass Removal, Former Shell Service Station, 1230 14th Street, Oakland, California

Well # / Date/Time	Hour Meter (hours)	Cumulative Operation (hours)	Well Head: Vacuum Gauge (in WC)	Well Head: Vacuum Abs (in WC)	Well Head: Flow Rate (acfm)	Well Head: Flow Rate (scfm)	Hydrocarbon Concentrations: TPHg (ppmv)	Hydrocarbon Concentrations: Benzene (ppmv)	TPHg: Removal Rate (#/hour)	TPHg: Cumulative Removed (#)	Benzene: Removal Rate (#/hour)	Benzene: Cumulative Removed (#)	NOTES:
8/23/06 10:30	107.0	17.9	108.0	298.8	23.0	16.9	**1,500**	**46**	0.339	4.53	0.009	0.133	
8/23/06 11:00	107.5	18.4	105.0	301.8	26.4	19.6	1,020		0.393	4.73	0.011	0.138	Stop VW/AS-1 test. Moving testing back
8/23/06 11:30	108.0	18.9	104.0	302.8	*20.0*	*14.9*	1,065		0.299	4.88	0.008	0.143	to MW-1.
August 24, 2006													
8/24/06 9:30	130.0	18.9	*120.0*	*286.8*	*20.0*	*14.1*	---		0.245	4.88	0.007	0.143	Restart VW/AS-1 test.
8/24/06 10:30	131.0	19.9	120.0	286.8	*20.0*	*14.1*	750		0.245	5.13	0.007	0.150	
8/24/06 11:00	131.5	20.4	110.0	296.8	*20.0*	*14.6*	825		0.254	5.25	0.008	0.154	
8/24/06 11:30	132.0	20.9	109.0	297.8	*20.0*	*14.6*	950		0.254	5.38	0.008	0.158	
8/24/06 12:00	132.5	21.4	105.0	301.8	*20.0*	*14.8*	1,000		0.258	5.51	0.008	0.162	
8/24/06 12:30	133.0	21.9	103.0	303.8	*20.0*	*14.9*	**1,300**	**43**	0.260	5.64	0.008	0.166	
8/24/06 13:00	133.5	22.4	104.0	302.8	*20.0*	*14.9*	1,025		0.259	5.77	0.008	0.170	
8/24/06 13:30	134.0	22.9	95.0	311.8	*17.0*	*13.0*	1,010		0.226	5.88	0.007	0.173	
8/24/06 14:00	134.5	23.4	90.0	316.8	*17.0*	*13.2*	975		0.230	6.00	0.007	0.176	
8/24/06 14:30	136.0	24.9	88.0	318.8	*17.0*	*13.3*	950		0.232	6.34	0.007	0.187	
August 25, 2006													
8/25/06 9:00	153.6	42.5	*62.4*	*344.4*	*15.0*	*12.7*	3		0.065	7.48	0.001	0.203	Stinger submerged. Reset.
8/25/06 9:30	154.0	42.9	62.4	344.4	*15.0*	*12.7*	**380**	**5.9**	0.065	7.50	0.001	0.203	
8/25/06 10:00	154.6	43.5	61.7	345.1	*15.0*	*12.7*	345		0.065	7.54	0.001	0.204	
8/25/06 10:30	155.1	44.0	67.6	339.2	*15.0*	*12.5*	398		0.064	7.57	0.001	0.204	
8/25/06 11:00	155.6	44.5	125.8	281.0	14.1	9.7	674		0.117	7.63	0.003	0.206	
8/25/06 11:30	156.1	45.0	85.2	321.6	*17.0*	*13.4*	1,375		0.162	7.71	0.004	0.208	
8/25/06 12:00	156.6	45.5	86.1	320.7	*17.0*	*13.4*	1,598		0.161	7.79	0.004	0.210	
8/25/06 12:30	157.1	46.0	85.4	321.4	*17.0*	*13.4*	1,109		0.162	7.88	0.004	0.212	
8/25/06 13:00	157.6	46.5	86.2	320.6	*17.0*	*13.4*	1,548		0.161	7.96	0.004	0.214	
8/25/06 14:00	158.6	47.5	84.6	322.2	*17.0*	*13.5*	**900**	**26**	0.162	8.12	0.004	0.218	
8/25/06 14:30	159.1	48.0	85.7	321.1	*17.0*	*13.4*	1,546		0.161	8.20	0.004	0.221	End testing.
Total Pounds Removed:									**TPHg =**	**11.2**	**Benzene =**	**0.231**	

Abbreviations and Notes:

in WC = inches water column

ACFM = Actual cubic feet per minute

SCFM = Standard cubic feet per minute

ppmv = Parts per million by volume

= Pounds

Table 2. Dual-Phase Extraction - Vapor Phase Mass Removal, Former Shell Service Station, 1230 14th Street, Oakland, California

									TPHg		Benzene		
	Hour	Cumulative	Well Head				Hydrocarbon Concentrations		Removal	Cumulative	Removal	Cumulative	
Well #	Meter	Operation	Vacuum		Flow Rate		TPHg	Benzene	Rate	Removed	Rate	Removed	
Date/Time	(hours)	(hours)	Gauge (in WC)	Abs (in WC)	(acfm)	(scfm)	(ppmv)	(ppmv)	(#/hour)	(#)	(#/hour)	(#)	**NOTES:**

TPHg = Total petroleum hydrocarbons as gasoline

Italicized results indicate that a value was not measurable or available, typically due to groundwater entrained in the process stream. The value was assumed to be equal to a preceding or subsequent data point when no operational adjustments were made.

Bold = Sample concentrations from Lab analysis; Non-Bold = field measured concentrations by a Horiba organic vapor analyzer.

Atmospheric pressure = 406.8 in WC.

Absolute = Atmospheric pressure - gauge vacuum (in WC).

ACFM = SCFM x (gauge vacumm/absolute vacuum)

TPHg, Benzene, and MTBE analyzed by EPA Method 8260B from 1 liter tedlar bag samples.

TPHg / Benzene / MTBE removal rate = Rate based on Bay Area Air Quality Management District's Manual of Procedures for Soil Vapor Extraction dated July 17, 1991.

(Rate = Laboratory analytical concentration (ppmv) x system flow rate (scfm) x (1lb-mole/386ft^3) x molecular weight (86 lb/lb-mole for TPHg, 78 lb/lb-mole for benzene, 88 lb/lb-mole for MTBE) x 60 min/hour x 1/1,000,000).

Cumulative TPHg / Benzene / MTBE removal = removal rate multiplied by the hour-interval of operation plus the previous total.

Table 3. Dual-Phase Extraction - Liquid Phase Mass Removal
Former Shell Service Station, 1230 14th Street, Oakland, California

				TPHg		Benzene	
Sample Date	Elapsed Time (min)	Volume Removed (gal)	Flow Rate (gpm)	TPHg Conc. (ppb)	Mass Removed (pounds)	Benzene Conc. (ppb)	Mass Removed (pounds)
MW-1							
07/11/06				6,190		3,740	
8/22-24/06	1,001	*1,666*	1.66	NS	0.406	NS	0.103
08/30/06				29,200		7,380	
09/29/06				76,100		9,300	
10/13/06				49,500		7,580	
11/03/06				42,600		8,450	
VW/AS-1							
07/11/06				9,130		6,200	
8/22-25/06	2,400	*840*	0.35	NS	1.15	NS	0.022
08/30/06				164,000		3,190	
09/29/06				130,000		6,160	
10/13/06				144,000		6,320	
11/03/06				112,000		8,290	
MW-7							
07/11/06				<50		<0.5	
08/23/06	195	*195*	1.00	NS	0.002	NS	0.0002
08/30/06				1,520		150	
09/29/06				2,420		243	
10/13/06				5,980		549	
11/03/06				3,190		501	
	Total Gallons Extracted:		**2,701**	**Total Pounds:**	**1.56**	**Total Pounds:**	**0.125**
	Avg Flow Rate:		**0.75**	**Total Gallons:**	**0.215**	**Total Gallons:**	**0.017**

Abbreviations and Notes
min = minutes
gal = gallons
gpm = gallons per minute
ppb = parts per billion
TPHg = Total petroleum hydrocarbons as gasoline
Italicized volumes are estimates. The total volume extracted was proportioned based on operational time to determine extracted volume per well. The total volume extracted was determined from the measured weight of groundwater off-loaded at disposal facility.
Volume removal data based on the formula: mass (pounds) x (density)[1] (cc/g) x 453.6 (g/pound) x (L/1000 cc) * (gal/3.785 L)
Density inputs: TPHg = 0.73 g/cc, benzene = 0.88 g/cc
TPHg and benzene analyzed by EPA Method 8260B.

07/10/02

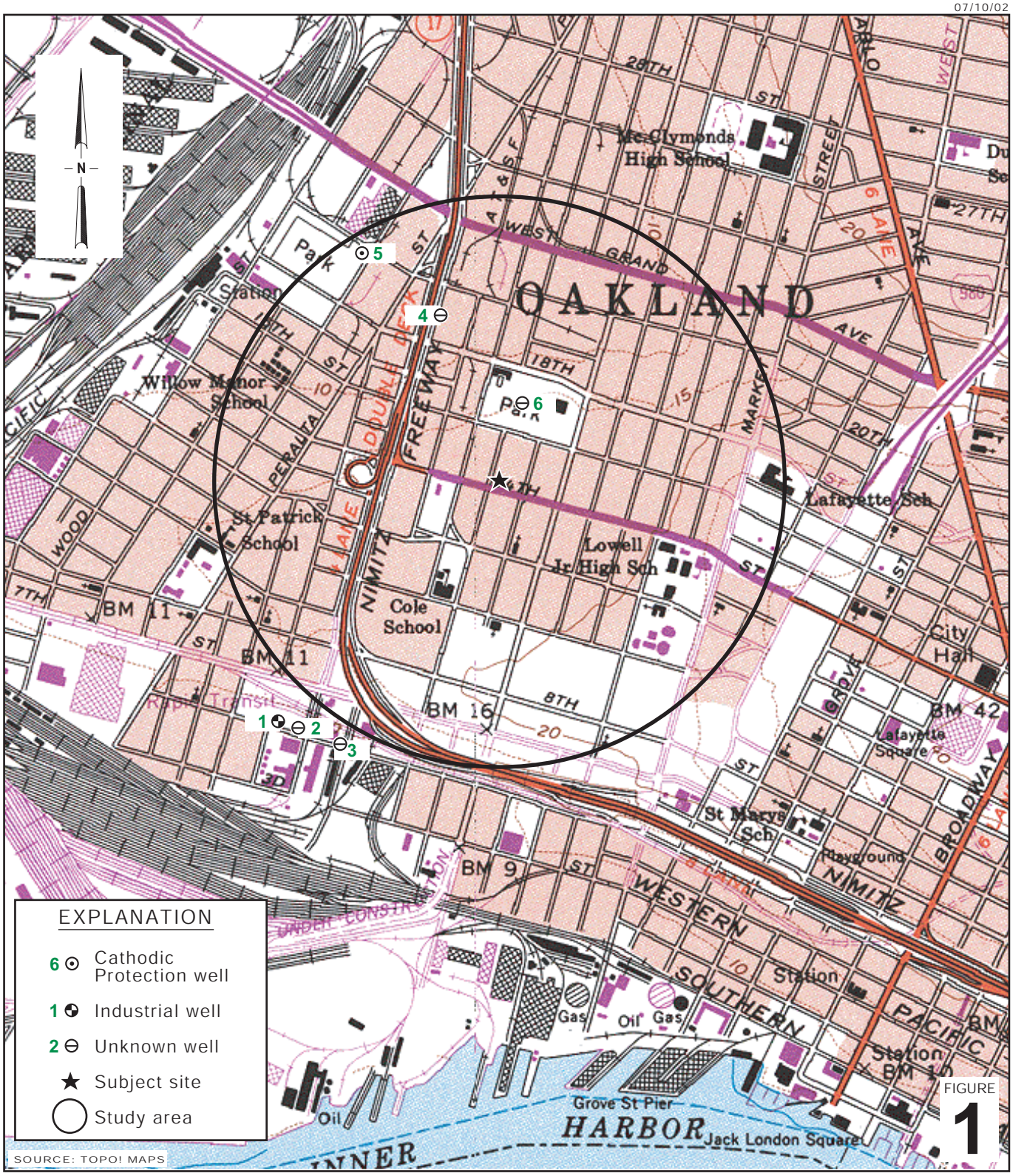


FIGURE 1

0 1/8 1/4 1/2 1

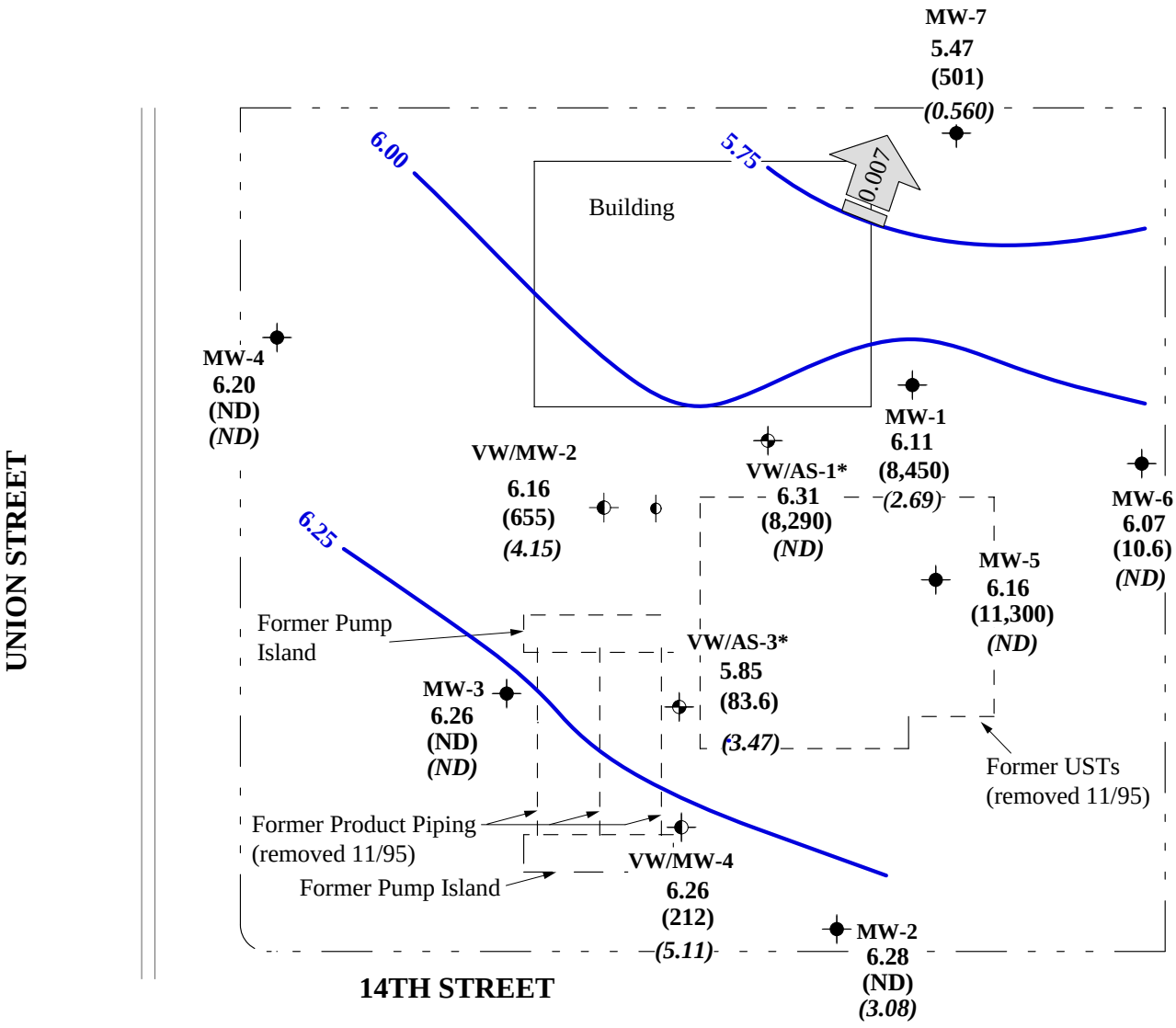
SCALE (MILES)

Former Shell Service Station
1230 14th Street
Oakland, California

CAMBRIA

Vicinity Map

(1/2-Mile Radius)



EXPLANATION

- Groundwater monitoring well
- Combination air sparge/soil vapor extraction well
- Combination soil vapor extraction well/monitoring well
- Groundwater elevation contour in feet referenced to mean sea level (ft msl).
- X.XX — Groundwater flow direction and gradient
- **11.20** — Groundwater elevation in ft msl
- **(41.3)** — Benzene concentration in micrograms per liter (µg/L)
- ***(ND)*** — MTBE concentration in µg/L
- ND — Not detected at reporting limit
- NS — Not sampled

* Not used in contouring, well damaged

N

Scale (ft)

0 10 20 40

2

FIGURE

0233

Former Shell Service Station
1230 14th Street
Oakland, California

CAMBRIA

Groundwater Contour and Chemical Concentration Map

November 3, 2006

Figure 3
Well MW-1 TPHg, Benzene, and Groundwater Elevation vs Time
Former Shell Service Station, 1230 14th Street, Oakland, CA

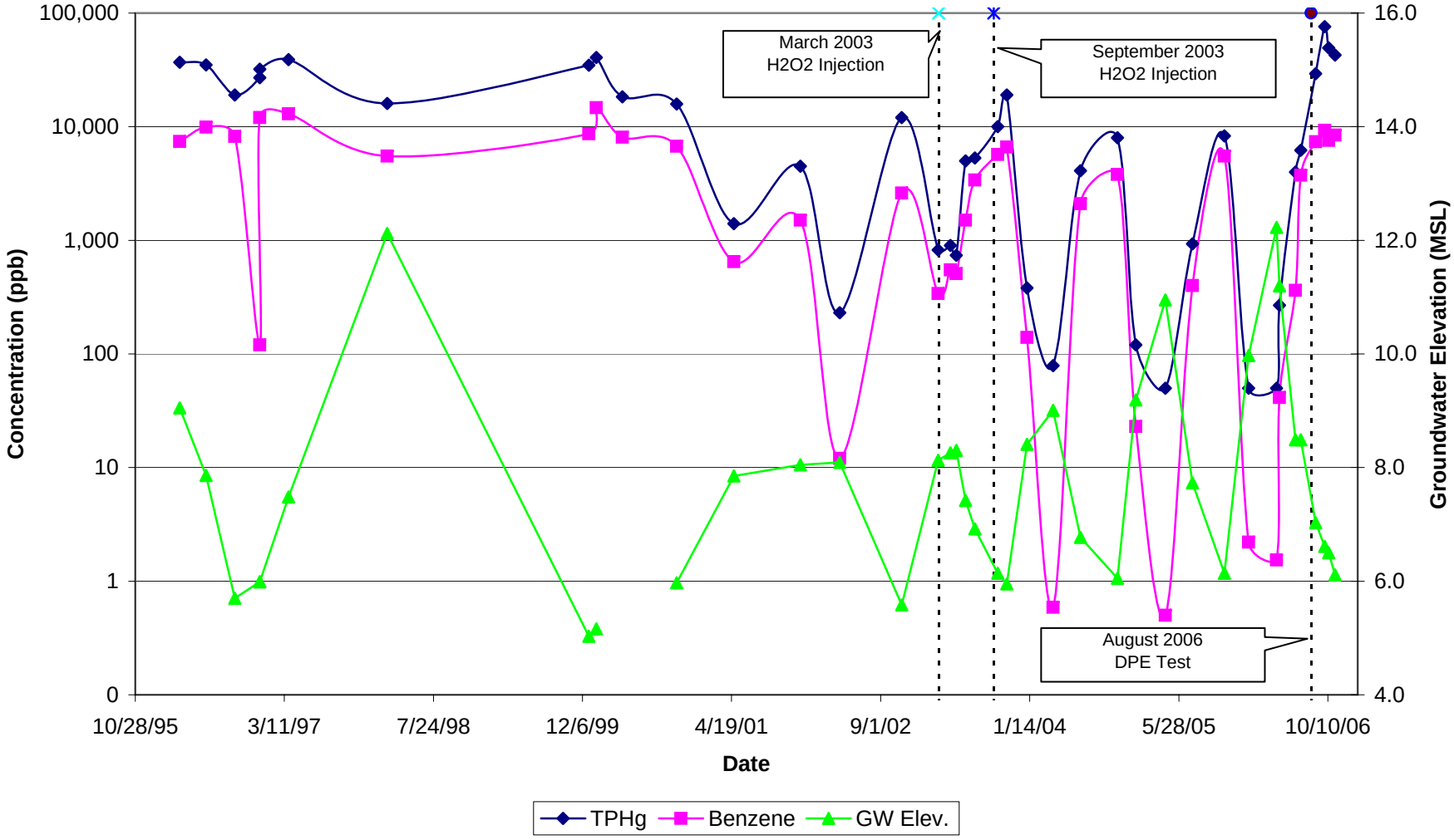


Figure 4
Well MW-5 TPHg, Benzene, and Groundwater Elevation vs Time
Former Shell Service Station, 1230 14th Street, Oakland, CA

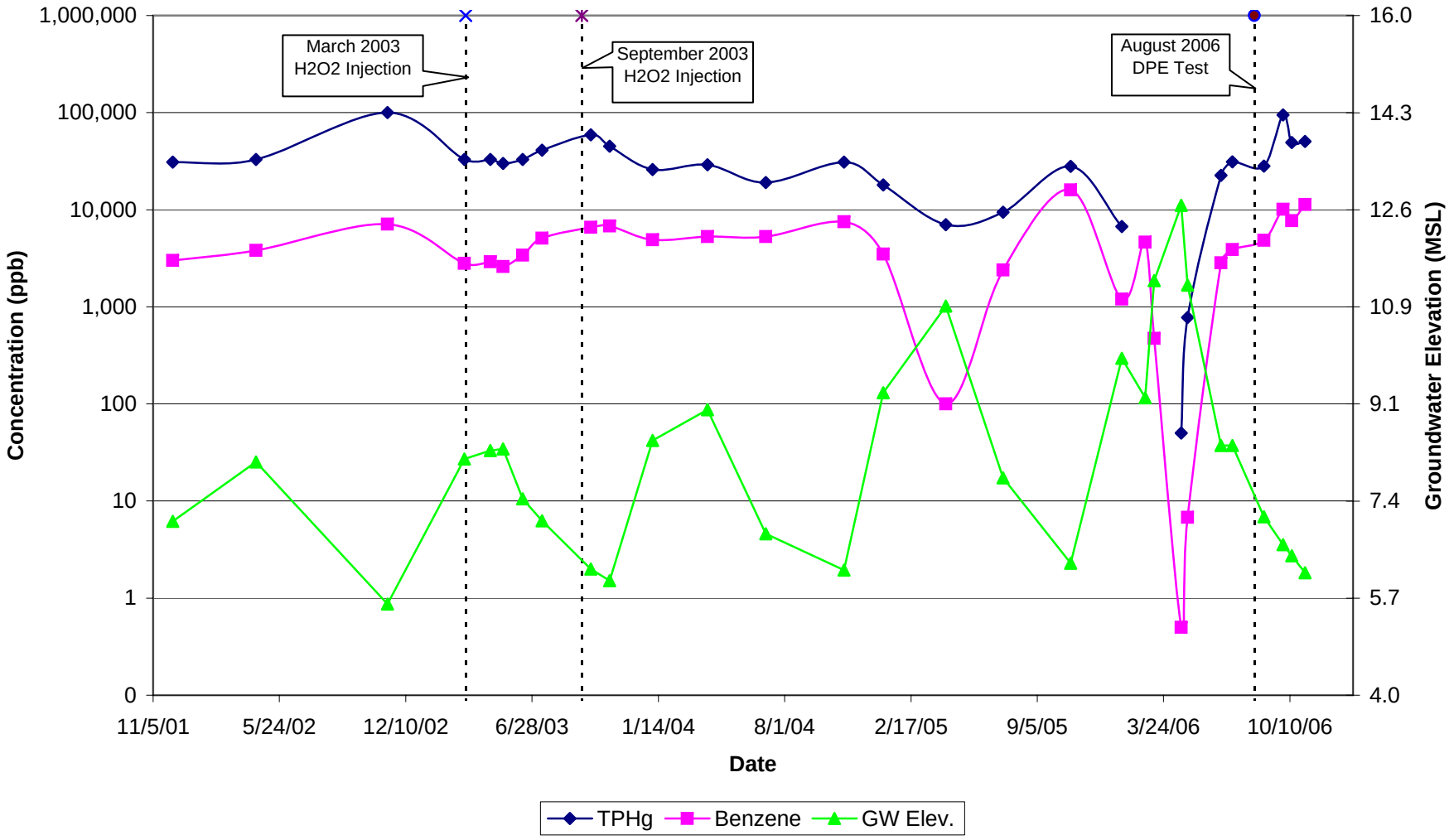


Figure 5
Well VW/AS-1 TPHg, Benzene, and Groundwater Elevation vs Time
Former Shell Service Station, 1230 14th Street, Oakland, CA

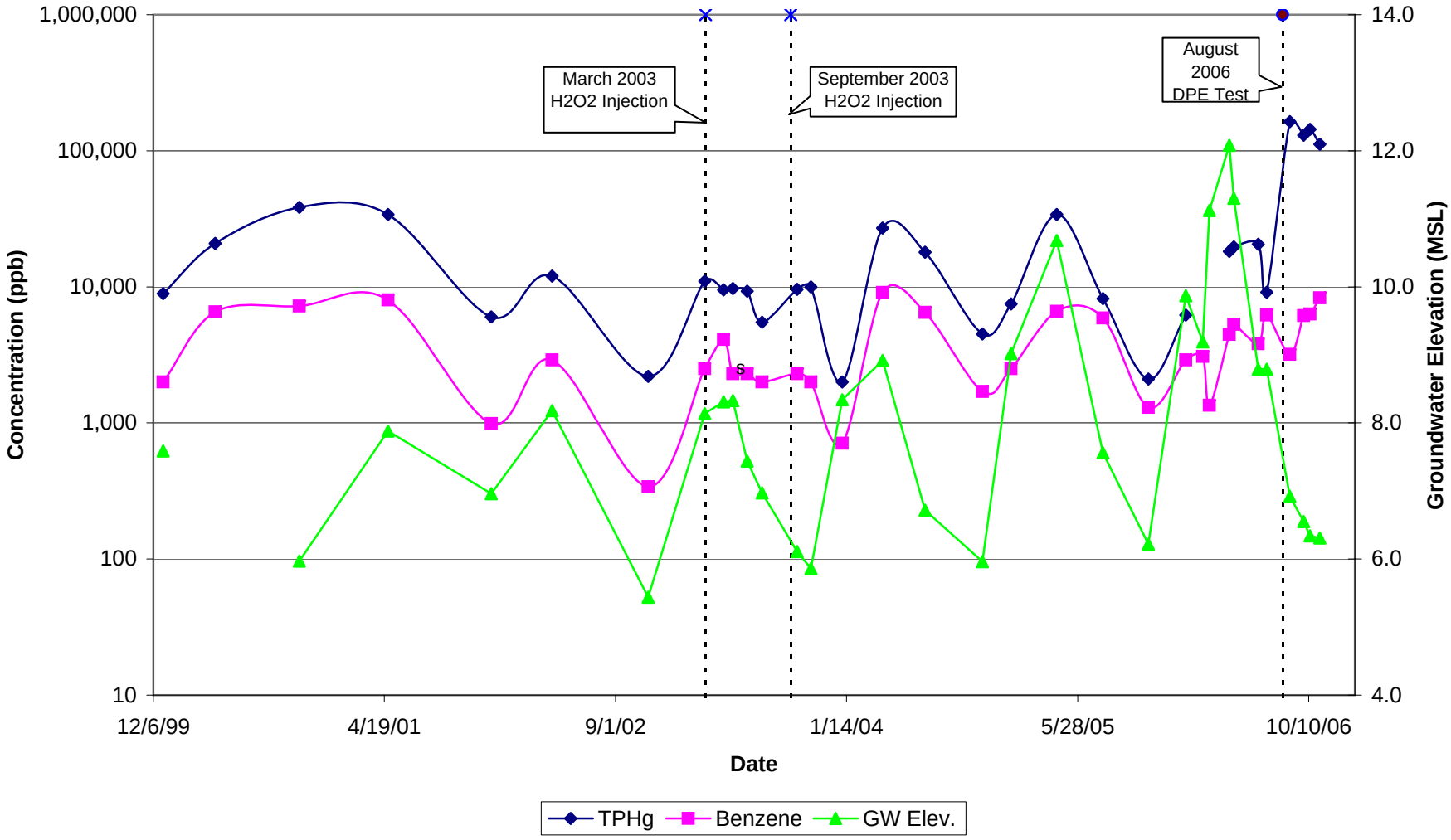
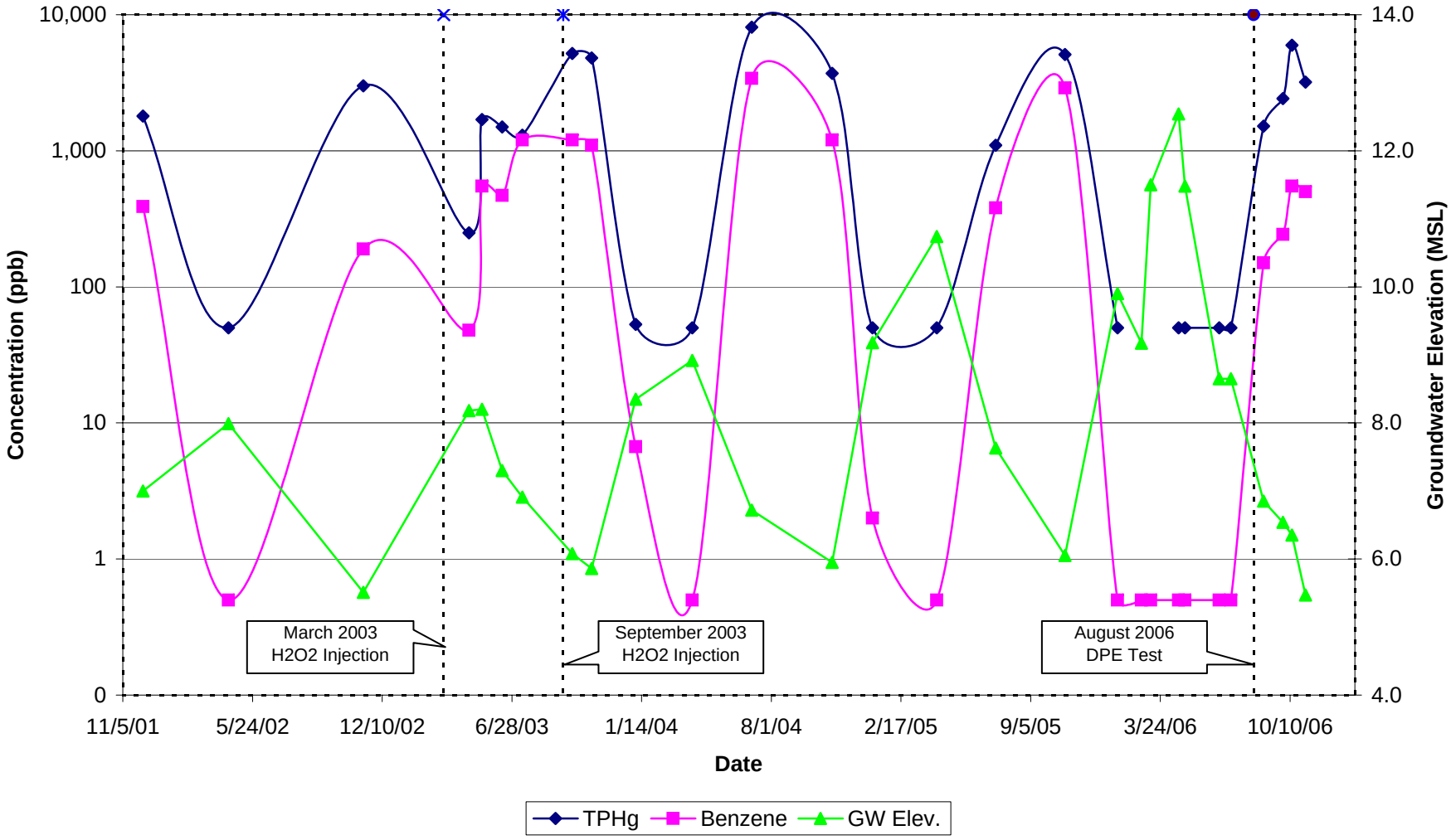


Figure 6
Well MW-7 TPHg, Benzene, and Groundwater Elevation vs Time
Former Shell Service Station, 1230 14th Street, Oakland, CA



Attachment A

Site History

Site History

Former Shell Service Station
1230 14th Street
Oakland, California
Revised December, 2006

PREVIOUS WORK

February 1991 Soil Borings: On February 2, 1991, Tank Protect Engineering (TPE) of Northern California advanced soil borings SB-1, SB-2, and SB-3. Maximum concentrations of 1,600 parts per million (ppm) total petroleum hydrocarbons as gasoline (TPHg) and 18 ppm benzene were detected in the soil sample collected at 10.5 fbg in boring SB-3, located immediately downgradient of the gasoline USTs.

August 1993 Tank Removal and Sampling: On August 24, 1993, TPE supervised the removal of two 7,500-gallon unleaded USTs, one 7,500-gallon leaded UST, one 8,000-gallon leaded UST, and one 550-gallon waste-oil tank from the site. Soil sample S-1 was collected from beneath the fill end of the waste oil tank. Soil samples S-2 through S-9 were collected at depths ranging from 8.5 to 12.0 fbg from the floor of the fuel UST excavation. Two sidewall samples (VSW-1 and VSW-2) were collected at 6.0 ft depth from the west side of the UST pit. Soil samples DS-1 through DS-6 were collected at a depth of 1.0 ft from beneath the former dispensers. TPHg and benzene were detected at concentrations ranging from 1.3 ppm to 18,000 ppm and from <5.0 ppm to 11,000 ppm, respectively. Total petroleum hydrocarbons as diesel (TPHd) and oil and grease were detected in the waste-oil tank pit sample at 1,200 ppm and 7,700 ppm, respectively. Maximum concentrations of 13 ppm TPHg and 0.007 ppm benzene were detected in soil samples collected beneath the product dispensers. The tank pit was not back-filled after the UST removals. On September 17, 1993, TPE filed a UST Unauthorized Release (Leak)/ Contamination Site Report form on behalf of the property owner. The results were presented in TPE's December 29, 1993 *Tank Closure Report.*

November 1995 Piping Removal and Tank Pit Re-Sampling: On November 27, 1995, Cambria collected eight soil samples (S-2 though S-9) at depths of approximately 15 fbg from the open tank pit at the ends of the former USTs and six soil samples (TS-1 through TS-6) beneath the former product piping. TPHg was detected in all tank pit samples at concentrations ranging from 570 ppm to 5,600 ppm. Benzene was detected in the tank pit samples at concentrations ranging from <0.5 ppm to 72 ppm. TPHg was detected in two soil samples collected beneath former piping locations at concentrations of 46 ppm and 3,100 ppm, and benzene was detected at

concentrations ranging from <0.005 ppm to 30 ppm. The results were presented in Cambria's December 28, 1995 *Piping Removal Sampling and Tankpit Re-Sampling* report.

March 1996 Subsurface Investigation: On March 6 - 8, 1996, Cambria advanced 11 soil borings on site. Four borings were converted to groundwater monitoring wells (MW-1 through MW-4), two borings were converted to combined air-sparge and soil-vapor-extraction (SVE) wells (VW/AS-1 and VW/AS-3), and two borings were converted to combined SVE and groundwater monitoring wells (VW/MW-2 and VW/MW-4). The remaining borings (SB-C, SB-E, and SB-J) were backfilled with neat cement. Selected soil samples were analyzed for TPHg, benzene, toluene, ethylbenzene and xylenes (BTEX), and oil and grease. The results were presented in Cambria's July 22, 1996 *Subsurface Investigation Report.*

1997 Oxygen Releasing Compound (ORC) Installation: As agreed during a January 1997 meeting with Alameda County Health Care Services Agency (ACHCSA), Cambria installed ORC "socks" in wells MW-1, VW/MW-2, and VW/MW-4 on March 25, 1997. The ORC socks were replaced periodically until September 21, 2000. On October 17, 2000, the ORC socks were removed permanently.

1997 to 2000 Activities: Shell, Cambria, and ACHCSA met on January 21, 1997 to discuss the site investigation and activities. Between March 1997 and October 2000, as agreed during the January 21, 1997 meeting and per subsequent communications with ACHCSA, and in compliance with ACHCSA's requirements, Shell's contractors installed ORC "socks" and maintained them until October 2000. Also, as ACHCSA required, site groundwater was monitored and sampled quarterly, and Cambria submitted quarterly monitoring reports. Periodically, Cambria's reports also made additional recommendations and responded to agency requests. Cambria's May 15, 1997 *First Quarter Monitoring Report* recommended preparing a work plan for additional investigation. However, ACHCSA's case notes (obtained from an agency file review) indicate the caseworker "decided not to ask for more SWI" *(soil and water investigation)* "because the 7/23/96 rpt *(report)* included *(boring)* SBE (SB-E) to the N *(north)* and SBJ *(SB-J)* to the S *(south)* of MW1. They were low to ND conc *(concentrations)* for benz *(benzene)* in gw *(groundwater)* and ND in soil (although soil samples were below gw)."

Cambria's September 7, 1997 *Second Quarter Monitoring Report* noted that Cambria had discussed evaluating further groundwater investigation with ACHCSA on May 20, 1997, and requested that ACHCSA review the report's results and contact Cambria to discuss this recommendation further. Cambria's December 22, 1997 *Third Quarter Monitoring Report* again recommended evaluating further site investigation. ACHCSA's September 23, 1998 letter concurred with Cambria's recommendation to reduce the sampling of wells MW-2, MW-3, and MW-4 to semi-annual. ACHCSA's September 23, 1999 letter requested that the quarterly monitoring reports provide additional detail and that wells MW-1, VW/MW-2, and VW/MW-4

be sampled. ACHCSA's March 1, 2000 letter concurred with Cambria's recommendation that all site monitoring wells' elevation be resurveyed. As recommended, all wells were surveyed on March 8, 2000 by Virgil Chavez Land Surveying, and the revised well casing elevation data was used to calculate groundwater elevations in subsequent monitoring reports. Following a May 1, 2000 telephone conversation with Cambria regarding further downgradient investigation, ACHCSA's May 11, 2000 letter requested an SCM. On May 11, 2000, Cambria discussed the elevated benzene concentrations in well MW-1 and site closure requirements with ACHCSA.

October 2000 SVE Testing: On October 16, 2000, Cambria performed SVE testing to determine the feasibility of SVE as a remedial alternative at the site. Although groundwater interfered with the SVE testing, Cambria concluded that SVE might be an effective method to remove hydrocarbons from soils above the groundwater table. However, subsequent investigations have detected little or no hydrocarbon impacts in soil samples collected above the range of water table fluctuations. Cambria's June 6, 2001 *Soil Vapor Extraction and Site Investigation Report* presented the SCM and results of the October 2000 SVE testing and the December 2000 Geoprobe® investigation.

December 2000 Subsurface Investigation and SCM: On December 11, 2000, Cambria advanced five soil borings (GP-1 through GP-5) to depths ranging from 16 to 20.5 fbg. Soil samples were collected from each boring at 5-ft intervals, and groundwater samples were collected when groundwater was encountered. No TPHg, benzene, or methyl tertiary butyl ether (MTBE) was detected in any of the soil samples. TPHg was detected in groundwater samples from GP-1 and GP-3 at concentrations of 11 and 4,400 parts per billion (ppb), respectively. Benzene was detected in groundwater from GP-1 and GP-3 at concentrations of 11 and 4,400 ppb, respectively. MTBE was only detected in groundwater collected from boring GP-1 at 0.067 ppb (analyzed by EPA Method 8260). Along with October 2000 SVE testing results and the SCM, the Geoprobe® investigation results were presented in Cambria's June 6, 2001 *Soil Vapor Extraction and Site Investigation Report.*

September 2001 Subsurface Investigation: On September 27, 2001, Cambria installed three monitoring wells (MW-5 through MW-7), each to a depth of 20 ft. Two soil samples were collected from the tank pit boring (MW-5) for chemical analysis. TPHg was detected at concentrations of 3.9 ppm and 790 ppm in soil at depths of 9.5 and 14.5 ft. Benzene was detected at a concentration of 2.7 ppm in soil at a depth of 14.5 ft. Groundwater samples were collected from the new wells during the regularly scheduled quarterly monitoring event on December 6, 2001. TPHg was detected at concentrations of 31,000 ppb, 76 ppb, and 1,800 ppb in wells MW-5, MW-6, and MW-7, respectively. Benzene was detected at concentrations of 3,000 ppb, 5.7 ppb, and 390 ppb in the respective wells. No MTBE was detected in any soil or

groundwater samples from the new wells. Cambria's November 2001 *Monitoring Well Installation Report* presented results.

March 2002 Well Survey: On March 22, 2002, Cambria submitted a *Well Survey* report which identified three potential receptor wells (one cathodic protection well, and two wells of unknown, presumably irrigation or industrial, use) within ½ mile of the site. The report concluded that due to either distance or location upgradient and cross-gradient of the site, it is unlikely that any known well would be impacted by hydrocarbons originating from the site.

March 2002 RBCA Report: Cambria prepared a March 7, 2002 *Risk-Based Corrective Action (RBCA) Report,* based on the City of Oakland's ULR Program RBCA *Guidance Document* and using historical soil and groundwater data. The Tier 2 RBCA analysis considered BTEX as the chemicals of concern (COCs). Benzene in groundwater was found to be the primary COC driving risks at this site. Based on the predominantly sand/sandy silt/silty-sand stratigraphy observed by Cambria in soil borings drilled at the site, Cambria used the "sandy silts" soil type option to select the appropriate Oakland SSTLs in this analysis. The results found that the representative soil and groundwater concentrations were below the applicable Oakland SSTLs. Based on the parameters used, Cambria concluded that the results showed residual hydrocarbons at this site would not pose a significant health risk to future on-site commercial occupants or off-site residential occupants. Cambria also concluded that hydrocarbon concentrations in groundwater were decreasing with time and distance from the former UST complex, indicating shrinkage of the groundwater plume due to natural attenuation. In a meeting between ACHCSA, Shell, and Cambria on May 6, 2002, ACHCSA expressed concern over the parameters used for the risk assessment, and requested that further investigation be conducted at the site.

July 2002 Door-to-Door Well Survey: On July 23, 2002, Cambria conducted a door-to-door well survey that included the residential block north-northeast (downgradient) of the site to determine whether there are any active water wells or basements in the survey area. A response to the survey was obtained from 23 of the 36 properties included in the survey. None of the respondents indicated the presence of a water well on the site, nine respondents reported that either a half or full basement was present at their dwelling, and one respondent noted a sump pump on the property. Cambria's August 26, 2002 *Subsurface Investigation Report and Corrective Action Plan* presented survey results.

June 2002 On-Site Subsurface Investigation: Between June 7 and June 10, 2002, Cambria advanced nine borings, (S-10 through S-18), in and near the former tank pit to further assess the extent of impacted soil in both the vadose and saturated zones onsite. Unsaturated soil samples collected at approximately 2.5-ft intervals and grab groundwater samples showed that the hydrocarbon impacts were limited to saturated soils and that the hydrocarbon plume in

groundwater was relatively well-defined within an area approximately 10 ft to the west, 10 ft to the south, 15 ft to the east, and 30 ft to the north of the tank pit. Analytical results obtained from saturated soil samples indicated that hydrocarbon concentrations attenuated vertically to very low concentrations within 10 ft below the static groundwater level. Cambria submitted investigation results in the August 26, 2002 *Subsurface Investigation Report and Corrective Action Plan.*

July 2002 Off-Site Subsurface Investigation: On July 7, 2002, Cambria advanced four hand-auger borings (HA-1 through HA-4) on two adjacent off-site properties and collected grab-groundwater samples to further define the extent of impacted groundwater downgradient of the site. No benzene was detected in any of the grab-groundwater samples collected from any of the off-site hand-auger borings at depths of 14 fbg (HA-1 and HA-2) and 16 fbg (HA-3 and HA-4). However, TPHg was detected at concentrations of 55 ppb and 85 ppb in hand-auger borings HA-1 and HA-2, respectively, on the property adjacent (east) of the site. Toluene was detected at a concentration of 0.77 ppb in HA-2 only, ethylbenzene was detected at a concentration of 0.52 ppb in HA-2 only, and xylenes were detected in borings HA-1 and HA-2 at concentrations of 1.2 and 2.8 ppb, respectively. Cambria submitted investigation results in the August 26, 2002 *Subsurface Investigation Report and Corrective Action Plan.*

August 2002 Subsurface Investigation Report (SIR) and Corrective Action Plan (CAP): In addition to presenting results of the June and July 2002 subsurface investigations noted above, Cambria prepared a CAP for the site in the August 2002 report. Cambria determined that the remedial objective for the site should be to reduce benzene concentrations in groundwater to levels considered protective of human health and the environment in the shortest time frame feasible. To meet this objective, Cambria recommended conducting a 5-day pilot test of in-situ oxidation using hydrogen peroxide (H_2O_2).

September 2002 SIR and CAP Addendum: To clarify concerns ACHCSA raised in its August 30, 2002 e-mail message, Cambria prepared the September 12, 2002 *Subsurface Investigation Report and Corrective Action Plan – Addendum.* In it, Cambria:

- Acknowledged that a 30-day public review comment period would be required prior to ACHCSA approval of the CAP. Cambria provided the names and addresses of the property owners and residents of the immediate neighboring homes and businesses;
- Confirmed the basis for concluding the non-existence of the well formerly located in DeFremery Park;
- Clarified the basis for the proposed cleanup goals;
- Summarized the results of evaluation of the potential remedial alternatives, including anticipated effectiveness of each alternative, anticipated costs and expected time for remediation and monitoring activities;

- Discussed its consideration of residual pollution effects in relation to decreasing water levels;
- Proposed a soil and groundwater verification monitoring plan;
- Confirmed Cambria's belief that the proposed H_2O_2 injection work would not pose any risk to neighboring residents, and discussed the measures to prevent and monitor for any hazardous conditions; and
- Provided additional technical information to be made available to concerned citizens.

November 2002 SIR and CAP Addendum 2: To address concerns in ACHCSA's October 21, 2002 letter, Cambria submitted the November 2002 *Subsurface Investigation Report and Corrective Action Plan 2*. In it, Cambria:

- Provided assessor parcel numbers for neighboring properties;
- Confirmed the basis for concluding the non-existence of the well formerly located in DeFremery Park;
- Clarified and provided proposed cleanup levels and cleanup goals for soil and groundwater;
- Discussed Cambria's use of TPHg data in the prior RBCA analysis and proposal of cleanup levels;
- Discussed Cambria's evaluation of all complete exposure pathways;
- Provided a copy of the Oakland RBCA Eligibility Checklist as submitted with the March 7, 2002 report;
- Agreed to provide a soil grain size analysis from post-remediation soil samples to evaluate the selection of soil type used in the Oakland RBCA analysis;
- Discussed the evaluation of human health risk considering current and historic depths to water;
- Agreed to provide a post- remediation verification sampling plan, including sampling of soil and groundwater; and
- Agreed to post informational signs on the perimeter fence while remedial activities are in progress.

In a February 18, 2003 letter, ACHCSA approved the CAP and concurred with the proposed final cleanup levels. ACHCSA stated the cleanup goals would be the Water Quality Objectives established in the Regional Water Quality Control Board's Basin Plan. In addition, ACHCSA requested that additional work be performed to evaluate the concerns of Mr. Matthew Willingham, owner of the property at 1418-1420 Union Street, including location of all utilities and the evaluation of risk of volatilization to indoor air and residential exposure.

2002-2004 Groundwater Extraction (GWE) and Dual Phase Vapor Extraction (DVE): Beginning on June 11, 2002, Cambria conducted semi-monthly mobile GWE using well MW-5 in an attempt to reduce hydrocarbon concentrations in groundwater in the suspected source area. Cambria changed semi-monthly mobile GWE to semi-monthly mobile DVE beginning on September 19, 2002. DVE was discontinued on March 4, 2003 prior to the start of hydrogen peroxide injection pilot testing. Monthly DVE was re-instated between November 10, 2003 and April 28, 2004. GWE has been on-going. GWE and DVE removed approximately 6.0 pounds of dissolved-phase hydrocarbons and 5.6 pounds of vapor-phase hydrocarbons from the subsurface.

2003 H_2O_2 Injection Remediation: After receiving ACHCSA's concurrence with the final CAP recommendations, Cambria directed implementation of H_2O_2 injection on March 17 through 20, 2003. Approximately 3,521 gallons of 15 % H_20_2, 9.5 gallons of sulfuric acid (H_2SO_4), and 60 gallons of water were injected into 16 locations (A-1, A-3, A-6, A-8, C-4, C-6, C-7, D-3, D-4, E-6, F-2, F-7, G-1, G-4, G-6, and G-8) at depths ranging from 3.5 to 19.5 fbg. Blaine conducted baseline groundwater sampling immediately prior to the H_2O_2 injection on March 13, 2003, and conducted monthly post-injection groundwater monitoring on April 23, 2003, May 13, 2003, June 13, 2003, and July 14, 2003.

After reviewing the post-remediation groundwater monitoring results, Cambria directed a repeated H_2O_2 injection event from September 22 through 24, 2003. Approximately 805 gallons of 15% to 22% H_20_2 solution, 128 gallons of H_2SO_4 solution, and 15 gallons of water were injected into 12 3/4-inch temporary injection wells (P-1 through P-12) at depths ranging from 7 to 22 fbg.

Following review of post-injection groundwater monitoring results, and noting increased concentrations in some wells, Cambria directed monthly DVE from well MW-5. Monthly DVE was re-initiated on November 10, 2003, and continued until April 28, 2004. During the DVE events following H_2O_2 injections, an estimated 0.45 lbs of TPHg and 0.08 lbs benzene were removed in the liquid phase, and an estimated 1.51 lbs of TPHg and 0.02 lbs benzene were removed in the vapor phase.

To evaluate the H_2O_2 injection's effectiveness, Cambria directed the installation of four verification soil borings (S-18 though S-21) to 25 fbg, to collect soil and grab groundwater samples from three locations within the treated UST backfill area and from one on-site, downgradient location. Soil samples were collected at approximately 5.0 ft intervals from each boring. Grab groundwater samples were collected using a bailer from each open boring.

Temporary injection wells P-1 through P-12 were destroyed on January 11, 2005. Quarterly groundwater monitoring continued. Cambria's March 17, 2005 *Remediation, Verification*

Sampling, and Post-Remediation Monitoring Report reported the remediation activities, and evaluated the H_2O_2 injection's effectiveness.

2006 Periodic Groundwater Extraction (GWE): Between December of 2005 and August of 2006, Cambria conducted periodic GWE from wells MW-1, MW-5, and VW/MW-2. During this period GWE removed approximately 10,785 gallons of groundwater resulting in the removal of approximately 0.515 pounds of TPHg and 0.125 pounds of benzene.

1996 – Present Groundwater Monitoring: Groundwater monitoring has been conducted at the site since 1996. The highest TPHg, benzene and MTBE concentrations detected in groundwater monitoring samples collected at the site were 164,000 parts per billion (ppb), 16,000 ppb, and 1,700 ppb, respectively. Monitoring results for November 2006 indicate that the current highest TPHg, benzene, and MTBE concentrations in site monitoring wells are 112,000, 11,300, and 5.11 ppb, respectively.

Attachment B

Blaine Groundwater Monitoring Report – 4Q06

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

November 30, 2006

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

Fourth Quarter 2006 Groundwater Monitoring at
Former Shell-branded Service Station
1230 14th Street
Oakland, CA

Monitoring performed on September 29, October 13,
and November 3, 2006

Groundwater Monitoring Report **061103-JD-1**

This report covers the routine monitoring of groundwater wells at this former 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: Ana Friel
Cambria Environmental Technology, Inc.
270 Perkins St.
Sonoma, CA 95476

WELL CONCENTRATIONS
Former Shell Service Station
1230 14th Street
Oakland, CA

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	03/25/1996	37,000	7,400	1,500	720	3,300	<500	NA	18.58	9.53	9.05	NA
MW-1	06/21/1996	35,000	9,900	460	340	3,500	890	NA	18.58	10.72	7.86	NA
MW-1	09/26/1996	19,000	8,200	510	780	790	<250	NA	18.58	12.88	5.70	NA
MW-1	12/19/1996	27,000	120	1,200	1,400	2,800	<100	NA	18.58	12.59	5.99	NA
MW-1	12/19/1996	32,000	12,000	1,300	1,600	3,100	830	NA	18.58	12.59	5.99	NA
MW-1	03/25/1997	39,000	13,000	1,600	840	3,100	730	NA	18.58	11.10	7.48	1.2
MW-1	06/26/1997	NA	NA	NA	NA	NA	NA	NA	18.58	12.42	6.16	NA
MW-1	09/26/1997	NA	NA	NA	NA	NA	NA	NA	18.58	13.31	5.27	0.8
MW-1	12/05/1997	NA	NA	NA	NA	NA	NA	NA	18.58	12.65	5.93	0.3
MW-1	02/19/1998	16,000	5,500	450	500	800	<500	NA	18.58	6.46	12.12	2.4
MW-1	06/08/1998	NA	NA	NA	NA	NA	NA	NA	18.58	6.62	11.96	1.2
MW-1	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.58	11.83	6.75	2.8
MW-1	12/28/1998	NA	NA	NA	NA	NA	NA	NA	18.58	12.01	6.57	2.6
MW-1	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.58	9.15	9.43	2.2
MW-1	06/30/1999	NA	NA	NA	NA	NA	NA	NA	18.58	11.22	7.36	3.8
MW-1	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.58	11.89	6.69	3.0
MW-1	12/27/1999	34,800	8,660	953	956	2,770	<1,000	NA	18.58	13.55	5.03	2.4/2.1
MW-1	01/21/2000	40,600	14,700	1,850	1,210	3,670	<500	NA	18.58	13.42	5.16	2.8
MW-1	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.58	8.11	10.47	0.4
MW-1	04/17/2000	NA	NA	NA	NA	NA	NA	NA	18.58	9.78	8.80	3.0/3.4
MW-1	04/18/2000	18,300	8,060	543	528	872	<50.0	NA	18.58	NA	NA	NA
MW-1	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.58	13.11	5.47	5.2
MW-1	10/17/2000	15,800	6,720	435	587	887	351	<66.7	18.58	12.61	5.97	1.2/0.8
MW-1	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.58	12.94	5.64	0.3
MW-1	04/27/2001	1,400	650	28	58	48	NA	<10	18.58	10.73	7.85	1.8/2.1
MW-1	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.58	12.00	6.58	1.8
MW-1	12/06/2001	4,500	1,500	85	160	210	NA	<50	18.58	10.53	8.05	2.5/2.9
MW-1	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.58	9.33	9.25	0.1
MW-1	04/17/2002	230	12	<0.50	4.6	2.5	NA	<5.0	18.58	10.49	8.09	6.3/5.3
MW-1	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.58	11.98	6.60	1.2

WELL CONCENTRATIONS
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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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	11/11/2002	12,000	2,600	240	470	640	NA	8.5	18.58	13.00	5.58	0.2/0.2
MW-1	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.58	9.68	8.90	4.4
MW-1	03/13/2003	820	340	2.7	<2.0	3.2	NA	<20	18.58	10.45	8.13	2.8/0.9
MW-1	04/23/2003	900	550	19	49	49	NA	<50	18.58	10.32	8.26	0.9/0.1
MW-1	05/13/2003	740	510	18	43	46	NA	<50	18.58	10.28	8.30	0.1/0.2
MW-1	06/13/2003	<5,000	1,500	82	180	250	NA	<500	18.58	11.16	7.42	0.3/0.8
MW-1	07/14/2003	5,300	3,400	160	340	420	NA	<20	18.58	11.66	6.92	0.6/0.3
MW-1	09/29/2003	10,000	5,700	400	670	1,000	NA	<50	18.58	12.44	6.14	0.6/0.7
MW-1	10/29/2003	19,000	6,600	560	820	1,300	NA	26	18.58	12.63	5.95	0.6/0.4
MW-1	01/05/2004	380	140	7.1	6.2	16	NA	<1.0	18.58	10.17	8.41	5.0/0.8
MW-1	04/01/2004	79	0.59	<0.50	<0.50	<1.0	NA	<0.50	18.58	9.57	9.01	4.6/1.2
MW-1	07/02/2004	4,100	2,100	33	110	81	NA	<10	18.58	11.81	6.77	0.6/0.5
MW-1	11/03/2004	8,000	3,800	150	480	460	NA	<25	18.58	12.53	6.05	1.45/2.1
MW-1	01/04/2005	120	23	1.6	2.0	3.5	NA	<0.50	18.58	9.39	9.19	4.21/2.82
MW-1	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.58	7.63	10.95	2.44/2.77
MW-1	07/13/2005	930 e	400	6.1	<5.0	10	NA	<5.0	18.58	10.85	7.73	0.84/0.66
MW-1	10/28/2005	8,300	5,500	190	590	470	NA	<25	18.58	12.44	6.14	0.2/0.2
MW-1	01/17/2006	<50	2.2	1.1	1.4	4.8	NA	<0.50	18.58	8.61	9.97	5.8/5.3
MW-1	02/23/2006	NA	18.1	2.22	1.89	4.50	NA	NA	18.58	9.60	8.98	NA
MW-1	03/09/2006	NA	1.80	<0.500	<0.500	1.82	NA	NA	18.58	7.65	10.93	NA
MW-1	04/21/2006	<50.0	1.54	1.03	4.20	5.82	NA	<0.500	18.58	6.35	12.23	NA
MW-1	05/01/2006	268	41.3	4.62	3.83	26.1	NA	<0.500	18.58	7.38	11.20	0.27/0.36
MW-1	06/23/2006	3,990	362	13.1	12.4	71.5	NA	<0.500	18.58	10.09	8.49	NA
MW-1	07/11/2006	6,190	3,740	52.0	67.8	982	NA	<0.500	18.58	10.09	8.49	NA
MW-1	08/30/2006	29,200	7,380	596	443	1,680	NA	4.45	18.58	11.55	7.03	0.39/0.52
MW-1	**09/29/2006**	**76,100**	**9,300**	**859 i**	**1,290**	**2,820 i**	**NA**	**<5.00**	**18.58**	**11.97**	**6.61**	**NA**
MW-1	**10/13/2006**	**49,500**	**7,580**	**770**	**1,030**	**2,860**	**NA**	**2.75**	**18.58**	**12.08**	**6.50**	**NA**
MW-1	**11/03/2006**	**42,600**	**8,450**	**592**	**869**	**1,970**	**NA**	**2.69**	**18.58**	**12.47**	**6.11**	**2.60/1.15**
MW-2	03/25/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	8.19	9.71	NA

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MW-2	06/21/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	9.94	7.96	NA
MW-2	09/26/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	12.15	5.75	NA
MW-2	12/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	17.90	11.70	6.20	NA
MW-2	03/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	9.25	8.65	1.8
MW-2	06/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	11.36	6.54	2.4
MW-2	09/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	12.56	5.34	1.1
MW-2	09/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	12.56	5.34	1.1
MW-2	12/05/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	11.15	6.75	0.7
MW-2	02/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	5.61	12.29	2.7
MW-2	06/08/1998	<50	<0.30	<0.30	<0.30	<0.60	<10	NA	17.90	5.58	12.32	3.2
MW-2	08/25/1998	NA	NA	NA	NA	NA	NA	NA	17.90	10.67	7.23	1.7
MW-2	12/28/1998	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	17.90	11.65	6.25	0.4/0.8
MW-2	03/26/1999	NA	NA	NA	NA	NA	NA	NA	17.90	8.60	9.30	0.7
MW-2	06/30/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	17.90	10.30	7.60	2.3
MW-2	09/30/1999	NA	NA	NA	NA	NA	NA	NA	17.90	10.77	7.13	1.9
MW-2	12/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	17.90	12.21	5.69	0.7/0.7
MW-2	03/07/2000	NA	NA	NA	NA	NA	NA	NA	17.90	7.13	10.77	1.1
MW-2	04/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	17.90	8.35	9.55	1.8/1.8
MW-2	09/21/2000	NA	NA	NA	NA	NA	NA	NA	17.90	11.76	6.14	2.1
MW-2	10/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	17.90	11.80	6.10	0.9/0.6
MW-2	01/09/2001	NA	NA	NA	NA	NA	NA	NA	17.90	12.14	5.76	0.7
MW-2	04/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	17.90	9.85	8.05	1.1/0.9
MW-2	07/03/2001	NA	NA	NA	NA	NA	NA	NA	17.90	11.20	6.70	1.2
MW-2	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	17.90	10.77	7.13	3.9/2.1
MW-2	01/23/2002	NA	NA	NA	NA	NA	NA	NA	17.90	8.64	9.26	2.5
MW-2	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	17.90	9.61	8.29	3.5/5.2
MW-2	07/18/2002	NA	NA	NA	NA	NA	NA	NA	17.90	11.09	6.81	1.4
MW-2	11/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	17.90	12.16	5.74	0.2/0.3
MW-2	01/16/2003	NA	NA	NA	NA	NA	NA	NA	17.90	8.92	8.98	1.7
MW-2	03/13/2003	NA	NA	NA	NA	NA	NA	NA	17.90	9.60	8.30	1.1

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MW-2	04/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	17.90	9.48	8.42	0.4/0.2
MW-2	05/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	17.90	9.45	8.45	0.5/0.3
MW-2	06/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	17.90	10.28	7.62	0.6/0.9
MW-2	07/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	10.67	7.23	0.5/.09
MW-2	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	11.58	6.32	1.9/1.3
MW-2	10/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	11.76	6.14	4.3/0.5
MW-2	01/05/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	9.36	8.54	1.2/0.8
MW-2	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	8.77	9.13	4.0/0.3
MW-2	07/02/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	11.04	6.86	0.4/0.3
MW-2	11/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	0.54	17.90	11.71	6.19	6.4/1.40
MW-2	01/04/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	0.62	17.90	8.68	9.22	4.41/2.88
MW-2	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	1.7	17.90	7.13	10.77	0.71/0.23
MW-2	07/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	2.3	17.90	10.30	7.60	0.90/0.33
MW-2	10/28/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	4.2	17.90	11.61	6.29	0.4/0.1
MW-2	01/17/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	5.0	17.90	8.21	9.69	0.8/0.2
MW-2	03/09/2006	NA	NA	NA	NA	NA	NA	NA	17.90	7.70	10.20	NA
MW-2	04/21/2006	NA	NA	NA	NA	NA	NA	NA	17.90	5.83	12.07	NA
MW-2	05/01/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	4.33	17.90	6.34	11.56	0.52/0.18
MW-2	08/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.98	17.90	10.71	7.19	0.51/1.04
MW-2	**09/29/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**17.90**	**11.03**	**6.87**	**NA**
MW-2	**11/03/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**3.08**	**17.90**	**11.62**	**6.28**	**0.44/0.40**
MW-3	03/25/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	8.47	9.71	NA
MW-3	06/21/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	10.40	7.78	NA
MW-3	09/26/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	12.45	5.73	NA
MW-3	12/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	18.18	12.14	6.02	NA
MW-3	03/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	9.54	8.64	2.2
MW-3	06/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	11.66	6.52	3.6
MW-3	09/26/1997	<50	<0.50	<050	<0.50	<0.50	<2.5	NA	18.18	12.85	5.33	1.1
MW-3	12/05/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	11.44	6.74	0.6

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MW-3	02/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	6.78	11.40	3.6
MW-3	06/08/1998	<50	<0.30	<0.30	<0.30	<0.60	<10	NA	18.18	6.82	11.36	3.8
MW-3	06/08/1998	<50	<0.30	<0.30	<0.30	<0.60	<10	NA	18.18	6.82	11.36	3.8
MW-3	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.18	11.09	7.09	1.2
MW-3	12/28/1998	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	18.18	11.84	6.34	0.9/0.6
MW-3	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.18	8.57	9.61	0.8
MW-3	06/30/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	18.18	10.61	7.57	4.8
MW-3	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.18	11.53	6.65	1.4
MW-3	12/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	18.18	12.35	5.83	1.4/2.5
MW-3	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.17	7.36	10.81	5.8
MW-3	04/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	19.3	NA	18.17	8.39	9.78	6.5/5.1
MW-3	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.17	12.01	6.16	3.0
MW-3	10/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	18.17	12.10	6.07	2.0/1.0
MW-3	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.17	12.43	5.74	1.9
MW-3	04/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.17	10.10	8.07	2.3/2.4
MW-3	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.17	11.45	6.72	1.4
MW-3	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.17	11.07	7.10	2.8/3.9
MW-3	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.17	8.89	9.28	3.1
MW-3	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.17	9.92	8.25	3.7/3.2
MW-3	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.17	11.42	6.75	1.6
MW-3	11/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.17	12.44	5.73	0.3/0.4
MW-3	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.17	9.25	8.92	2.1
MW-3	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.17	9.84	8.33	1.2
MW-3	04/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.17	9.71	8.46	0.7/0.2
MW-3	05/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.17	9.70	8.47	0.6/0.2
MW-3	06/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.17	10.58	7.59	0.4/1.3
MW-3	07/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	10.98	7.19	0.4/.03
MW-3	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	11.84	6.33	1.4/1.1
MW-3	10/29/2003	58 b	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	12.05	6.12	0.8/0.4
MW-3	01/05/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	9.70	8.47	1.3/0.7

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MW-3	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	9.03	9.14	1.2/0.6
MW-3	07/02/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	11.15	7.02	0.7/0.5
MW-3	11/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	11.98	6.19	1.65/2.75
MW-3	01/04/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	8.98	9.19	3.21/1.87
MW-3	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.17	7.22	10.95	4.92/5.28
MW-3	07/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	10.30	7.87	0.30/0.40
MW-3	10/28/2005	<50 f	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	11.81	6.36	0.8/0.2
MW-3	01/17/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.17	8.17	10.00	3.1/2.0
MW-3	03/09/2006	NA	NA	NA	NA	NA	NA	NA	18.17	6.45	11.72	NA
MW-3	04/21/2006	NA	NA	NA	NA	NA	NA	NA	18.17	5.96	12.21	NA
MW-3	05/01/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.17	6.40	11.77	0.68/0.42
MW-3	08/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.17	10.95	7.22	3.53/3.14
MW-3	**09/29/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**18.17**	**11.40**	**6.77**	**NA**
MW-3	**11/03/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**18.17**	**11.91**	**6.26**	**7.0/6.8**
MW-4	03/25/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	9.20	8.81	NA
MW-4	06/21/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	10.25	7.76	NA
MW-4	09/26/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	12.29	5.72	NA
MW-4	12/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	18.01	12.47	5.54	NA
MW-4	03/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	9.44	8.57	1.8
MW-4	06/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	11.57	6.44	6.2
MW-4 (D)	06/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	11.57	6.44	6.2
MW-4	09/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	12.75	5.26	2.1
MW-4	12/05/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	11.37	6.64	1.0
MW-4 (D)	12/05/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	11.37	6.64	1.0
MW-4	02/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	5.59	12.42	6.5
MW-4	06/08/1998	<50	<0.30	<0.30	<0.30	<0.60	<10	NA	18.01	5.65	12.36	2.6
MW-4	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.01	10.98	7.03	2.4
MW-4	12/28/1998	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	18.01	11.83	6.18	1.3/1.2
MW-4	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.01	8.40	9.61	1.9

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MW-4	06/30/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	18.01	10.53	7.48	7.6
MW-4	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.01	11.03	6.98	2.6
MW-4	12/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	18.01	12.53	5.48	1.9/0.8
MW-4	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.01	7.00	11.01	6.5
MW-4	04/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	18.01	8.57	9.44	5.1/5.1
MW-4	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.01	12.05	5.96	3.0
MW-4	10/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	18.01	11.96	6.05	5.5/1.2
MW-4	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.01	12.33	5.68	2.1
MW-4	04/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.01	9.96	8.05	5.3/3.8
MW-4	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.01	11.35	6.66	4.5
MW-4	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.01	10.99	7.02	10.23/6.5
MW-4	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.01	8.80	9.21	8.8
MW-4	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.01	9.75	8.26	7.0/5.1
MW-4	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.01	11.32	6.69	5.3
MW-4	11/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.01	12.36	5.65	3.6/2.0
MW-4	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.01	10.33	7.68	6.5
MW-4	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.01	10.06	7.95	6.5
MW-4	04/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.01	9.57	8.44	5.1/5.7
MW-4	05/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.01	9.55	8.46	2.0/2.5
MW-4	06/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.01	10.50	7.51	5.0/5.6
MW-4	07/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	10.86	7.15	3.9/4.2
MW-4	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	11.74	6.27	1.6/1.4
MW-4	10/29/2003	58 b	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	11.95	6.06	2.4/1.0
MW-4	01/05/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	10.35	7.66	7.4/7.5
MW-4	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	8.81	9.20	6.0/6.4
MW-4	07/02/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	11.10	6.91	0.8/0.6
MW-4	11/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	11.85	6.16	1.3/2.84
MW-4	01/04/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	9.06	8.95	7.12/6.37
MW-4	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.01	6.84	11.17	5.81/5.66
MW-4	07/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	10.20	7.81	1.87/3.75

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MW-4	10/28/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	11.75	6.26	1.4/0.8
MW-4	01/17/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.01	8.00	10.01	6.4/6.2
MW-4	03/09/2006	NA	NA	NA	NA	NA	NA	NA	18.01	6.55	11.46	NA
MW-4	04/21/2006	NA	NA	NA	NA	NA	NA	NA	18.01	5.45	12.56	NA
MW-4	05/01/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.01	6.14	11.87	1.09/0.72
MW-4	08/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.01	10.82	7.19	4.31/4.35
MW-4	**09/29/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**18.01**	**11.29**	**6.72**	**NA**
MW-4	**11/03/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**18.01**	**11.81**	**6.20**	**3.30/2.40**
MW-5	12/03/2001	NA	NA	NA	NA	NA	NA	NA	18.47	11.86	6.61	NA
MW-5	12/06/2001	31,000	3,000	2,000	1,100	3,000	NA	<50	18.47	11.40	7.07	3.1/3.2
MW-5	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.47	9.24	9.23	0.9
MW-5	04/17/2002	33,000	3,800	2,400	1,300	4,400	NA	<200	18.47	10.35	8.12	5.3/3.8
MW-5	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.47	11.82	6.65	0.8
MW-5	11/11/2002	100,000	7,100	12,000	3,000	17,000	NA	5.1	18.47	12.86	5.61	1.2/1.4
MW-5	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.47	9.57	8.90	0.0
MW-5	03/13/2003	33,000	2,800	2,200	980	4,600	NA	<100	18.47	10.30	8.17	0.5/0.3
MW-5	04/07/2003	NA	NA	NA	NA	NA	NA	NA	18.47	10.29	8.18	NA
MW-5	04/23/2003	33,000	2,900	3,100	960	5,800	NA	<250	18.47	10.15	8.32	0.1/0.1
MW-5	05/13/2003	30,000	2,600	1,500	850	4,500	NA	<250	18.47	10.12	8.35	0.4/0.3
MW-5	06/13/2003	33,000	3,400	2,300	1,000	4,400	NA	<500	18.47	11.00	7.47	0.3/0.3
MW-5	07/14/2003	41,000	5,100	3,500	1,400	5,100	NA	<50	18.47	11.39	7.08	0.5/0.5
MW-5	09/29/2003	59,000	6,600	4,200	1,500	6,500	NA	<50	18.47	12.24	6.23	0.6/0.5
MW-5	10/29/2003	45,000	6,800	3,500	1,500	6,400	NA	21	18.47	12.45	6.02	0.5/0.3
MW-5	01/05/2004	26,000	4,900	1,700	1,100	3,300	NA	<50	18.47	9.97	8.50	0.9/1.2
MW-5	04/01/2004	29,000	5,300	2,700	880	2,900	NA	<50	18.47	9.43	9.04	0.3/1.0
MW-5	07/02/2004	19,000	5,300	740	1,100	1,400	NA	<50	18.47	11.62	6.85	0.4/0.5
MW-5	11/03/2004	31,000	7,500	2,300	1,400	4,400	NA	<50	18.47	12.26	6.21	2.5/1.9
MW-5	01/04/2005	18,000	3,500	1,200	730	2,300	NA	<25	18.47	9.13	9.34	0.44/1.64
MW-5	04/13/2005	7,000	100	460	180	880	NA	<1.0	18.47	7.60	10.87	0.17/0.45

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MW-5	07/13/2005	9,400	2,400	840	440	1,100	NA	<13	18.47	10.63	7.84	0.13/0.27
MW-5	10/28/2005	28,000	16,000	2,900	1,400	3,100	NA	<50	18.47	12.14	6.33	0.3/1.3
MW-5	01/17/2006	6,700	1,200	720	400	1,500	NA	1.3	18.47	8.52	9.95	0.6/2.6
MW-5	02/23/2006	NA	4,630	1,470	709	2,310	NA	NA	18.47	9.22	9.25	NA
MW-5	03/09/2006	NA	474	90.3	63.3	169	NA	NA	18.47	7.15	11.32	NA
MW-5	04/21/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.47	5.82	12.65	NA
MW-5	05/01/2006	779	6.77	41.1	20.0	130	NA	<0.500	18.47	7.23	11.24	0.39/1.52
MW-5	06/23/2006	22,600	2,830	557	469	1,210	NA	<0.500	18.47	10.06	8.41	NA
MW-5	07/11/2006	31,100	3,880	2,080	857	3,700	NA	<0.500	18.47	10.06	8.41	NA
MW-5	08/30/2006	28,200	4,840	1,320	705	2,430	NA	5.35	18.47	11.32	7.15	0.47/3.64
MW-5	**09/29/2006**	**94,900**	**10,100**	**2,960**	**1,810**	**5,310 i**	**NA**	**7.20**	**18.47**	**11.81**	**6.66**	**NA**
MW-5	**10/13/2006**	**48,200**	**7,710**	**1,360**	**1,250**	**3,460**	**NA**	**5.64**	**18.47**	**12.01**	**6.46**	**NA**
MW-5	**11/03/2006**	**50,600**	**11,300**	**1,730**	**1,250**	**3,840**	**NA**	**<0.500**	**18.47**	**12.31**	**6.16**	**0.60/4.10**
MW-6	12/03/2001	NA	NA	NA	NA	NA	NA	NA	18.84	12.19	6.65	NA
MW-6	12/06/2001	76	5.7	3.8	1.4	7.0	NA	<5.0	18.84	11.70	7.14	6.3/6.1
MW-6	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.84	9.57	9.27	8.7
MW-6	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.84	10.73	8.11	9.8/9.1
MW-6	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.84	12.27	6.57	1.7
MW-6	11/11/2002	580	55	<0.50	<0.50	2.8	NA	<5.0	18.84	13.24	5.60	0.3/0.6
MW-6	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.84	9.89	8.95	6.4
MW-6	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.84	10.66	8.18	5.5
MW-6	04/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.84	10.57	8.27	3.7/4.4
MW-6	05/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.84	10.56	8.28	3.5/3.0
MW-6	06/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.84	11.48	7.36	2.7/3.1
MW-6	07/14/2003	230 b	3.4	<0.50	<0.50	<1.0	NA	<0.50	18.84	11.83	7.01	1.8/1.3
MW-6	09/29/2003	910 b	46	<2.5	<2.5	<5.0	NA	<2.5	18.84	12.70	6.14	1.1/1.0
MW-6	10/29/2003	830	38	0.53	<0.50	3.3	NA	0.60	18.84	12.91	5.93	1.2/0.9
MW-6	01/05/2004	93	0.92	<0.50	<0.50	<1.0	NA	<0.50	18.84	10.35	8.49	6.2/4.3
MW-6	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.84	9.80	9.04	3.5/3.4

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MW-6	07/02/2004	370	3.0	<0.50	<0.50	<1.0	NA	<0.50	18.84	12.09	6.75	0.6/1.0
MW-6	11/03/2004	540	22	0.73	<0.50	1.5	NA	0.82	18.84	12.84	6.00	2.28/0.84
MW-6	01/04/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.84	9.55	9.29	6.71/5.16
MW-6	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.84	7.89	10.95	2.99/2.87
MW-6	07/13/2005	170	6.2	1.1	<0.50	<1.0	NA	0.71	18.84	11.13	7.71	0.10/1.32
MW-6	10/28/2005	490	22	<0.50	<0.50	<1.0	NA	<0.50	18.84	12.74	6.10	0.6/0.3
MW-6	01/17/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.84	8.80	10.04	5.3/4.9
MW-6	02/23/2006	NA	<0.500	<0.500	<0.500	<0.500	NA	NA	18.84	9.54	9.30	NA
MW-6	03/09/2006	NA	<0.500	<0.500	<0.500	<0.500	NA	NA	18.84	7.25	11.59	NA
MW-6	04/21/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.84	6.34	12.50	NA
MW-6	05/01/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.84	7.32	11.52	0.72/0.63
MW-6	06/23/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.84	10.12	8.72	NA
MW-6	07/11/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.84	10.12	8.72	NA
MW-6	08/30/2006	<50.0	3.32	<0.500	<0.500	<0.500	NA	<0.500	18.84	11.79	7.05	0.80/0.86
MW-6	**09/29/2006**	**<50.0**	**1.59**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**18.84**	**12.32**	**6.52**	**NA**
MW-6	**10/13/2006**	**934**	**3.14**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**18.84**	**12.38**	**6.46**	**NA**
MW-6	**11/03/2006**	**112**	**10.6**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**18.84**	**12.77**	**6.07**	**3.80/1.10**
MW-7	12/03/2001	NA	NA	NA	NA	NA	NA	NA	19.20	12.66	6.54	NA
MW-7	12/06/2001	1,800	390	<2.0	6.2	<2.0	NA	<20	19.20	12.20	7.00	3.9/3.8
MW-7	01/23/2002	NA	NA	NA	NA	NA	NA	NA	19.20	10.00	9.20	9.4
MW-7	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	19.20	11.21	7.99	8.8/7.3
MW-7	07/18/2002	NA	NA	NA	NA	NA	NA	NA	19.20	12.69	6.51	0.8
MW-7	11/11/2002	3,000	190	<0.50	<0.50	4.3	NA	5.2	19.20	13.69	5.51	0.4/0.8
MW-7	01/16/2003	NA	NA	NA	NA	NA	NA	NA	19.20	10.36	8.84	7.9
MW-7	03/13/2003	NA	NA	NA	NA	NA	NA	NA	19.20	11.16	8.04	5.2
MW-7	04/23/2003	250	48	<0.50	<0.50	<1.0	NA	<5.0	19.20	11.02	8.18	3.2/1.3
MW-7	05/13/2003	1,700	550	<2.5	<2.5	<5.0	NA	<25	19.20	11.00	8.20	2.0/1.5
MW-7	06/13/2003	1,500 b	470	<2.5	<2.5	<5.0	NA	<25	19.20	11.90	7.30	1.8/1.6
MW-7	07/14/2003	1300 b	1,200	<10	<10	<20	NA	<10	19.20	12.29	6.91	0.4/0.2

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MW-7	09/29/2003	5,200	1,200	<10	<10	<20	NA	<10	19.20	13.12	6.08	0.9/0.9
MW-7	10/29/2003	4,800	1,100	<5.0	<5.0	<10	NA	8.9	19.20	13.34	5.86	0.4/0.3
MW-7	01/05/2004	53	6.7	<0.50	<0.50	<1.0	NA	<0.50	19.20	10.85	8.35	1.4/2.3
MW-7	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	19.20	10.28	8.92	5.5/6.2
MW-7	07/02/2004	8,100 d	3,400	<25	<25	<50	NA	<25	19.20	12.48	6.72	0.8/0.8
MW-7	11/03/2004	3,700	1,200	<5.0	<5.0	<10	NA	<5.0	19.20	13.25	5.95	1.9/0.8
MW-7	01/04/2005	<50	2.0	<0.50	<0.50	<1.0	NA	<0.50	19.20	10.02	9.18	6.31/5.71
MW-7	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	19.20	8.46	10.74	5.87/5.89
MW-7	07/13/2005	1,100	380	9.2	<2.5	37	NA	<2.5	19.20	11.57	7.63	0.30/0.33
MW-7	10/28/2005	5,100	2,900	<13	<13	<25	NA	<13	19.20	13.15	6.05	0.6/0.9
MW-7	01/17/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	19.20	9.30	9.90	6.4/7.4
MW-7	02/23/2006	NA	<0.500	<0.500	<0.500	<0.500	NA	NA	19.20	10.03	9.17	NA
MW-7	03/09/2006	NA	<0.500	<0.500	<0.500	<0.500	NA	NA	19.20	7.70	11.50	NA
MW-7	04/21/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	19.20	6.66	12.54	NA
MW-7	05/01/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	19.20	7.72	11.48	0.67/0.98
MW-7	06/23/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	19.20	10.55	8.65	NA
MW-7	07/11/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	19.20	10.55	8.65	NA
MW-7	08/30/2006	1,520	150	13.3	5.78	53.0	NA	0.640	19.20	12.35	6.85	0.52/0.79
MW-7	**09/29/2006**	**2,420**	**384**	**1.80**	**<0.500**	**5.44**	**NA**	**0.850**	**19.20**	**12.66**	**6.54**	**NA**
MW-7	**10/13/2006**	**5,980**	**549**	**0.540**	**0.680**	**11.7**	**NA**	**0.930**	**19.20**	**12.85**	**6.35**	**NA**
MW-7	**11/03/2006**	**3,190**	**501**	**<0.500**	**<0.500**	**5.38**	**NA**	**0.560**	**19.20**	**13.73**	**5.47**	**2.2/1.4**
VW/MW-2	03/25/1996	13,000	900	920	180	1,500	<250	NA	18.30	9.04	9.26	NA
VW/MW-2	06/21/1996	27,000	4,100	1,100	1,400	3,200	700	NA	18.30	10.48	7.82	NA
VW/MW-2	09/26/1996	27,000	5,300	1,900	980	2,200	<500	NA	18.30	12.52	5.78	NA
VW/MW-2 (D)	09/26/1996	29,000	5,800	2,200	1,100	2,500	<250	NA	18.30	12.52	5.78	NA
VW/MW-2	12/19/1996	50,000	6,200	5,100	1,700	5,600	590	NA	18.30	12.42	5.88	NA
VW/MW-2	03/25/1997	210	5.6	<0.50	0.52	<0.50	14	NA	18.30	9.83	8.47	2.0
VW/MW-2 (D)	03/25/1997	250	1.7	0.58	0.51	<0.50	4.7	NA	18.30	9.83	8.47	2.0
VW/MW-2	06/26/1997	NA	NA	NA	NA	NA	NA	NA	18.30	12.43	5.87	NA

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VW/MW-2	09/26/1997	NA	NA	NA	NA	NA	NA	NA	18.30	12.98	5.32	0.9
VW/MW-2	12/05/1997	NA	NA	NA	NA	NA	NA	NA	18.30	12.20	6.10	0.4
VW/MW-2	02/19/1998	<50	1.5	<0.50	<0.50	0.71	<2.5	NA	18.30	5.83	12.47	3.6
VW/MW-2	06/08/1998	NA	NA	NA	NA	NA	NA	NA	18.30	5.80	12.50	1.0
VW/MW-2	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.30	11.72	6.58	4.8
VW/MW-2	12/28/1998	NA	NA	NA	NA	NA	NA	NA	18.30	11.69	6.61	2.7
VW/MW-2	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.30	8.75	9.55	2.8
VW/MW-2	06/30/1999	NA	NA	NA	NA	NA	NA	NA	18.30	10.72	7.58	4.7
VW/MW-2	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.30	12.24	6.06	4.9
VW/MW-2	12/27/1999	13,500	1,330	1,310	490	1,400	<250	NA	18.30	13.92	4.38	2.1/1.9
VW/MW-2	01/21/2000	12,100	2,200	1,080	429	1,120	<250	NA	18.30	13.26	5.04	2.8
VW/MW-2	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.28	7.87	10.41	3.7
VW/MW-2	04/17/2000	NA	NA	NA	NA	NA	NA	NA	18.28	9.65	8.63	3.7/4.1
VW/MW-2	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	18.28	NA	NA	NA
VW/MW-2	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.28	12.75	5.53	6.2
VW/MW-2	10/17/2000	4,070	763	589	214	501	<50.0	NA	18.28	12.21	6.07	0.8/0.7
VW/MW-2	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.28	12.51	5.77	0.7
VW/MW-2	04/27/2001	80	5.7	<0.50	2.7	4.9	NA	<0.50	18.28	10.21	8.07	2.3/2.8
VW/MW-2	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.28	11.60	6.68	0.6
VW/MW-2	12/06/2001	160	1.7	1.0	1.8	4.6	NA	<5.0	18.28	11.15	7.13	3.7/2.3
VW/MW-2	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.28	9.07	9.21	0.5
VW/MW-2	04/17/2002	<50	2.1	<0.50	<0.50	<0.50	NA	<5.0	18.28	10.11	8.17	4.9/4.4
VW/MW-2	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.28	11.61	6.67	0.9
VW/MW-2	11/11/2002	15,000	1,300	1,300	680	1,800	NA	<5.0	18.28	12.63	5.65	0.2/0.2
VW/MW-2	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.28	9.35	8.93	0.4
VW/MW-2	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.28	10.09	8.19	0.8
VW/MW-2	04/07/2003	NA	NA	NA	NA	NA	NA	NA	18.28	10.09	8.19	NA
VW/MW-2	04/23/2003	1,100	76	29	45	66	NA	<5.0	18.28	9.95	8.33	0.8/0.3
VW/MW-2	05/13/2003	1,200	38	16	16	24	NA	<5.0	18.28	9.90	8.38	0.2/0.2
VW/MW-2	06/13/2003	9,600	1,300	1,100	440	890	NA	<250	18.28	10.80	7.48	0.2/0.5

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VW/MW-2	07/14/2003	11,000	1,300	1,800	430	1,500	NA	<5.0	18.28	11.20	7.08	0.5/0.5
VW/MW-2	09/29/2003	12,000	860	980	410	1,100	NA	<10	18.28	12.05	6.23	0.4/0.4
VW/MW-2	10/29/2003	12,000	1,100	940	530	1,200	NA	<10	18.28	12.29	5.99	0.7/0.3
VW/MW-2	01/05/2004	190 b	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.28	9.82	8.46	2.8/1.8
VW/MW-2	04/01/2004	410	1.4	0.54	1.6	1.0	NA	<0.50	18.28	9.24	9.04	1.7/0.1
VW/MW-2	07/02/2004	5,500	440	370	170	410	NA	<2.5	18.28	11.33	6.95	0.5/0.4
VW/MW-2	11/03/2004	3,800	260	210	150	600	NA	<2.5	18.28	12.14	6.14	0.9/1.4
VW/MW-2	01/04/2005	280	5.8	20	7.8	26	NA	<0.50	18.28	9.03	9.25	1.66/2.66
VW/MW-2	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.28	7.38	10.90	0.79/0.58
VW/MW-2	07/13/2005	350	19	9.3	9.8	14	NA	<0.50	18.28	10.45	7.83	0.10/0.08
VW/MW-2	10/28/2005	3,400	440	350	150	320	NA	<2.5	18.28	11.98	6.30	0.4/0.1
VW/MW-2	01/17/2006	700	3.1	5.1	7.7	66	NA	<0.50	18.28	8.34	9.94	2.7/1.6
VW/MW-2	02/23/2006	NA	97.9	17.2	40.0	80.6	NA	NA	18.28	9.42	8.86	NA
VW/MW-2	03/09/2006	NA	<0.500	29.2	57.8	486	NA	NA	18.28	7.35	10.93	NA
VW/MW-2	04/21/2006	<50.0	<0.500	0.960	<0.500	2.71	NA	<0.500	18.28	5.99	12.29	NA
VW/MW-2	05/01/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.28	7.25	11.03	0.43/0.10
VW/MW-2	06/23/2006	3,150	35.6	9.24	20.7	113	NA	<0.500	18.28	10.05	8.23	NA
VW/MW-2	07/11/2006	9,270	413	78.2	91.5	341	NA	2.40	18.28	10.05	8.23	NA
VW/MW-2	08/30/2006	4,900	135	45.5	73.3	180	NA	2.40	18.28	11.12	7.16	0.37/0.62
VW/MW-2	**09/29/2006**	**12,300**	**243**	**142**	**290**	**634**	**NA**	**2.50**	**18.28**	**11.61**	**6.67**	**NA**
VW/MW-2	**10/13/2006**	**19,300**	**292**	**169**	**384**	**1,080**	**NA**	**1.84**	**18.28**	**12.01**	**6.27**	**NA**
VW/MW-2	**11/03/2006**	**9,300**	**655**	**233**	**366**	**729**	**NA**	**4.15**	**18.28**	**12.12**	**6.16**	**2.0/1.05**
VW/MW-4	03/25/1996	83,000	6,500	7,000	2,000	11,000	<250	NA	18.14	8.45	9.69	NA
VW/MW-4 (D)	03/25/1996	84,000	6,400	7,000	2,100	12,000	<250	NA	18.14	8.45	9.69	NA
VW/MW-4	06/21/1996	110,000	14,000	15,000	3,700	17,000	1,700	NA	18.14	10.38	7.76	NA
VW/MW-4 (D)	06/21/1996	100,000	12,000	12,000	2,900	13,000	<1,000	NA	18.14	10.38	7.76	NA
VW/MW-4	09/26/1996	52,000	13,000	2,700	2,100	3,200	<500	NA	18.14	12.43	5.71	NA
VW/MW-4	12/19/1996	75,000	15,000	6,600	3,000	7,600	<1,250	NA	18.14	11.87	6.27	NA
VW/MW-4	03/25/1997	56,000	4,700	1,500	2,500	6,300	580	NA	18.14	9.60	8.54	2.4

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VW/MW-4	06/26/1997	NA	NA	NA	NA	NA	NA	NA	18.14	12.36	5.78	NA
VW/MW-4	09/26/1997	NA	NA	NA	NA	NA	NA	NA	18.14	12.82	5.32	0.4
VW/MW-4	12/05/1997	NA	NA	NA	NA	NA	NA	NA	18.14	12.15	5.99	0.3
VW/MW-4	02/19/1998	4,100	320	40	44	520	<50	NA	18.14	5.85	12.29	1.8
VW/MW-4 (D)	02/19/98	4,300	340	44	47	540	<50	NA	18.14	5.85	12.29	1.8
VW/MW-4	06/08/1998	NA	NA	NA	NA	NA	NA	NA	18.14	5.87	12.27	1.8
VW/MW-4	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.14	10.96	7.18	2.5
VW/MW-4	12/28/1998	NA	NA	NA	NA	NA	NA	NA	18.14	11.28	6.86	0.9
VW/MW-4	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.14	8.45	9.69	1.9
VW/MW-4	06/30/1999	NA	NA	NA	NA	NA	NA	NA	18.14	9.70	8.44	3.6
VW/MW-4	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.14	11.78	6.36	2.6
VW/MW-4	12/27/1999	33,900	3,740	2,000	1,130	5,090	587	NA	18.14	12.63	5.51	0.4/0.2
VW/MW-4	01/21/2000	13,900	1,560	568	227	1,990	<500	21.0a	18.14	13.07	5.07	1.0
VW/MW-4	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.13	7.82	10.31	0.9
VW/MW-4	04/17/2000	NA	NA	NA	NA	NA	NA	NA	18.13	9.18	8.95	1.4/1.9
VW/MW-4	04/18/2000	757	103	8.59	30.8	84.2	<25.0	NA	18.13	NA	NA	NA
VW/MW-4	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.13	12.18	5.95	5.0
VW/MW-4	10/17/2000	8,360	2,060	391	468	1,170	147	NA	18.13	12.03	6.10	0.7/0.8
VW/MW-4	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.13	12.42	5.71	0.9
VW/MW-4	04/27/2001	7,100	2,300	50	460	250	NA	<10	18.13	10.13	8.00	1.0/1.4
VW/MW-4	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.13	11.42	6.71	1.2
VW/MW-4	12/06/2001	7,700	750	90	300	350	NA	<25	18.13	11.02	7.11	2.5/1.9
VW/MW-4	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.13	8.89	9.24	0.4
VW/MW-4	04/17/2002	4,800	760	27	240	150	NA	<25	18.13	9.89	8.24	4.7/5.1
VW/MW-4	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.13	11.37	6.76	0.6
VW/MW-4	11/11/2002	14,000	2,800	480	700	1,300	NA	<100	18.13	12.41	5.72	0.3/0.3
VW/MW-4	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.13	9.17	8.96	0.8
VW/MW-4	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.13	9.85	8.28	1.1
VW/MW-4	04/23/2003	2,400	710	28	160	100	NA	<50	18.13	9.74	8.39	0.2/0.05
VW/MW-4	05/13/2003	3,300	720	35	170	160	NA	<50	18.13	9.70	8.43	0.2/0.2

WELL CONCENTRATIONS
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1230 14th Street
Oakland, CA

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
VW/MW-4	06/13/2003	8,200	1,700	220	460	790	NA	<250	18.13	10.55	7.58	0.3/0.3
VW/MW-4	07/14/2003	3,700	900	190	220	540	NA	<10	18.13	10.90	7.23	0.5/0.4
VW/MW-4	09/29/2003	7,500	1,800	300	390	860	NA	<20	18.13	11.83	6.30	0.5/0.6
VW/MW-4	10/29/2003	10,000	2,600	400	510	1,200	NA	<13	18.13	12.03	6.10	0.5/0.4
VW/MW-4	01/05/2004	1,000	70	12	30	56	NA	<1.0	18.13	9.60	8.53	1.7/1.2
VW/MW-4	04/01/2004	1,000	64	7.0	22	18	NA	<1.0	18.13	9.00	9.13	0.6/0.1
VW/MW-4	07/02/2004	5,600	1,500	57	380	180	NA	<10	18.13	11.00	7.13	0.4/0.4
VW/MW-4	11/03/2004	9,400	2,400	210	560	890	NA	<10	18.13	11.85	6.28	1.5/2.1
VW/MW-4	01/04/2005	110	12	<0.50	2.3	<1.0	NA	<0.50	18.13	8.89	9.24	2.40/1.05
VW/MW-4	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.13	7.25	10.88	1.55/0.52
VW/MW-4	07/13/2005	1,300	520	5.1	100	17	NA	<2.5	18.13	10.20	7.93	0.08/0.08
VW/MW-4	10/28/2005	2,500	830	44	170	140	NA	5.4	18.13	11.84	6.29	0.6/0.2
VW/MW-4	01/17/2006	<50	<0.50	<0.50	0.56	<0.50	NA	<0.50	18.13	8.05	10.08	2.7/0.6
VW/MW-4	02/23/2006	NA	1.42	0.930	0.580	<0.500	NA	NA	18.13	8.77	9.36	NA
VW/MW-4	03/09/2006	NA	<0.500	<0.500	<0.500	0.680	NA	NA	18.13	6.75	11.38	NA
VW/MW-4	04/21/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.13	5.69	12.44	NA
VW/MW-4	05/01/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	18.13	6.65	11.48	0.51/0.37
VW/MW-4	06/23/2006	920	8.69	1.32	5.63	9.68	NA	<0.500	18.13	9.22	8.91	NA
VW/MW-4	07/11/2006	<50.0	109	<0.500	3.91	<0.500	NA	<0.500	18.13	9.22	8.91	NA
VW/MW-4	08/30/2006	2,360	331	12.8	65.4	29.3	NA	2.64	18.13	10.87	7.26	0.24/0.56
VW/MW-4	**09/29/2006**	**5,920**	**327**	**23.2 i**	**146**	**112 i**	**NA**	**2.63**	**18.13**	**11.40**	**6.73**	**NA**
VW/MW-4	**10/13/2006**	**6,560**	**299**	**16.6**	**134**	**90.4**	**NA**	**3.58**	**18.13**	**11.53**	**6.60**	**NA**
VW/MW-4	**11/03/2006**	**3,530**	**212**	**9.14**	**87.8**	**52.8**	**NA**	**5.11**	**18.13**	**11.87**	**6.26**	**2.60/4.0**
VW/AS-1	03/25/1996	NA	NA	NA	NA	NA	NA	NA	18.60	8.98	9.62	NA
VW/AS-1	06/21/1996	NA	NA	NA	NA	NA	NA	NA	18.60	10.95	7.65	NA
VW/AS-1	09/26/1996	NA	NA	NA	NA	NA	NA	NA	18.60	12.98	5.62	NA
VW/AS-1	12/19/1996	NA	NA	NA	NA	NA	NA	NA	18.60	12.67	5.93	NA
VW/AS-1	03/25/1997	NA	NA	NA	NA	NA	NA	NA	18.60	10.12	8.48	NA
VW/AS-1	06/26/1997	NA	NA	NA	NA	NA	NA	NA	18.60	12.34	6.26	NA

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VW/AS-1	09/26/1997	NA	NA	NA	NA	NA	NA	NA	18.60	13.40	5.20	NA
VW/AS-1	12/05/1997	NA	NA	NA	NA	NA	NA	NA	18.60	11.96	6.64	5.2
VW/AS-1	02/19/1998	NA	NA	NA	NA	NA	NA	NA	18.60	6.22	12.38	1.3
VW/AS-1	06/08/1998	NA	NA	NA	NA	NA	NA	NA	18.60	6.20	12.40	1.0
VW/AS-1	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.60	11.59	7.01	1.6
VW/AS-1	12/28/1998	NA	NA	NA	NA	NA	NA	NA	18.60	11.74	6.86	1.3
VW/AS-1	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.60	9.20	9.40	1.3
VW/AS-1	06/30/1999	NA	NA	NA	NA	NA	NA	NA	18.60	11.08	7.52	2.1
VW/AS-1	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.60	11.94	6.66	1.9
VW/AS-1	12/27/1999	8,940	2,000	95.7	1,200	570	606	NA	18.60	11.01	7.59	1.6/1.8
VW/AS-1	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.59	7.35	11.24	NA
VW/AS-1	04/17/2000	NA	NA	NA	NA	NA	NA	NA	18.59	9.08	9.51	1.9/2.0
VW/AS-1	04/18/2000	20,800	6,550	1,220	2,270	1,720	<250	NA	18.59	NA	NA	NA
VW/AS-1	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.59	11.98	6.61	2.1
VW/AS-1	10/17/2000	38,400	7,240	5,980	1,960	5,730	534	72.4	18.59	12.62	5.97	2.5/1.0
VW/AS-1	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.59	13.03	5.56	1.9
VW/AS-1	04/27/2001	34,000	8,000	2,100	2,500	2,000	NA	<25	18.59	10.71	7.88	2.9/2.1
VW/AS-1	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.59	12.03	6.56	2.0
VW/AS-1	12/06/2001	6,000	990	35	820	59	NA	<25	18.59	11.63	6.96	1.2/0.8
VW/AS-1	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.59	9.34	9.25	0.9
VW/AS-1	04/17/2002	12,000	2,900	57	1,400	98	NA	<200	18.59	10.41	8.18	3.3/2.9
VW/AS-1	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.59	12.13	6.46	0.3
VW/AS-1	11/11/2002	2,200	340	7.3	250	24	NA	<20	18.59	13.15	5.44	1.2/1.3
VW/AS-1	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.59	9.73	8.86	2.3
VW/AS-1	03/13/2003	11,000	2,500	55	1,800	170	NA	<100	18.59	10.45	8.14	2.1/1.9
VW/AS-1	04/07/2003	NA	NA	NA	NA	NA	NA	NA	18.59	10.40	8.19	NA
VW/AS-1	04/23/2003	9,500	4,100	200	1,400	200	NA	<250	18.59	10.28	8.31	1.2/0.4
VW/AS-1	05/13/2003	9,700	2,300	110	1,100	140	NA	<250	18.59	10.26	8.33	0.5/2.0
VW/AS-1	06/13/2003	9,300	2,300	77	820	<100	NA	<500	18.59	11.15	7.44	1.0/0.5
VW/AS-1	07/15/2003	5,500	2,000	230	620	360	NA	20	18.59	11.62	6.97	1.8/1.9

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VW/AS-1	09/29/2003	9,600	2,300	100	1,200	670	NA	<20	18.59	12.48	6.11	2.3/3.6
VW/AS-1	10/29/2003	10,000	2,000	39	1,000	370	NA	16	18.59	12.73	5.86	3.3/3.6
VW/AS-1	01/05/2004	2,000	710	18	410	18	NA	13	18.59	10.25	8.34	3.0/2.8
VW/AS-1	04/01/2004	27,000	9,100	1,200	2,200	1,400	NA	<50	18.52 c	9.60	8.92	1.0/1.4
VW/AS-1	07/02/2004	18,000	6,500	170	1,200	1,200	NA	<50	18.52	11.80	6.72	3.2/0.8
VW/AS-1	11/03/2004	4,500	1,700	23	280	55	NA	9.8	18.52	12.56	5.96	1.7/1.9
VW/AS-1	01/04/2005	7,500	2,500	74	540	110	NA	<13	18.52	9.50	9.02	1.19/0.53
VW/AS-1	04/13/2005	34,000	6,600	290	930	2,100	NA	<15	18.52	7.84	10.68	1.60/1.88
VW/AS-1	07/13/2005	NA	NA	NA	NA	NA	NA	NA	18.52	10.90	7.62	NA
VW/AS-1	07/22/2005	8,200	5,900	86	340	320	NA	<25	18.52	10.96	7.56	1.7/1.0
VW/AS-1	10/28/2005	2,100	1,300	18	63	21	NA	<5.0	18.52	12.30	6.22	0.5/1.6
VW/AS-1	01/17/2006	6,200 g	2,900	190	400	600	NA	4.7	18.52	8.65	9.87	1.4/1.0
VW/AS-1	02/23/2006	NA	3,080	222	414	778	NA	NA	18.52	9.33	9.19	NA
VW/AS-1	03/09/2006	NA	1,350	88.5	128	164	NA	NA	18.52	7.40	11.12	NA
VW/AS-1	04/21/2006	18,200	4,460	167	419	717	NA	2.79	18.52	6.44	12.08	NA
VW/AS-1	05/01/2006	19,700	5,300	261	664	1,050	NA	<0.500	18.52	7.22	11.30	0.71/1.23
VW/AS-1	06/23/2006	20,600	3,820	305	259	435	NA	3.31 h	18.52	9.73	8.79	NA
VW/AS-1	07/11/2006	9,130	6,200	108	232	254	NA	<0.500	18.52	9.73	8.79	NA
VW/AS-1	08/30/2006	164,000	3,190	6,240	3,780	17,900	NA	<10.0	18.52	11.60	6.92	0.4
VW/AS-1	**09/29/2006**	**130,000**	**6,160**	**6,370 i**	**2,910**	**11,600 i**	**NA**	**<25.0**	**18.52**	**11.97**	**6.55**	**NA**
VW/AS-1	**10/13/2006**	**144,000**	**6,320**	**5,710**	**2,930**	**13,100**	**NA**	**1.03**	**18.52**	**12.18**	**6.34**	**NA**
VW/AS-1	**11/03/2006**	**112,000**	**8,290**	**5,670**	**2,760**	**12,100**	**NA**	**<0.500**	**18.52**	**12.21**	**6.31**	**0.80**
VW/AS-2	03/09/2006	NA	NA	NA	NA	NA	NA	NA	NA	6.95	NA	NA
VW/AS-3	03/25/1996	NA	NA	NA	NA	NA	NA	NA	18.17	8.50	9.67	NA
VW/AS-3	06/21/1996	NA	NA	NA	NA	NA	NA	NA	18.17	10.42	7.75	NA

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VW/AS-3	09/26/1996	NA	NA	NA	NA	NA	NA	NA	18.17	12.49	5.68	NA
VW/AS-3	12/19/1996	NA	NA	NA	NA	NA	NA	NA	18.17	12.28	5.89	NA
VW/AS-3	03/25/1997	NA	NA	NA	NA	NA	NA	NA	18.17	9.61	8.56	NA
VW/AS-3	06/26/1997	NA	NA	NA	NA	NA	NA	NA	18.17	11.80	6.37	NA
VW/AS-3	09/26/1997	NA	NA	NA	NA	NA	NA	NA	18.17	12.89	5.28	NA
VW/AS-3	12/05/1997	NA	NA	NA	NA	NA	NA	NA	18.17	11.38	6.79	1.8
VW/AS-3	02/19/1998	NA	NA	NA	NA	NA	NA	NA	18.17	6.24	11.93	1.3
VW/AS-3	06/08/1998	NA	NA	NA	NA	NA	NA	NA	18.17	6.25	11.92	1.2
VW/AS-3	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.17	11.43	6.74	1.3
VW/AS-3	12/28/1998	NA	NA	NA	NA	NA	NA	NA	18.17	11.63	6.54	1.7
VW/AS-3	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.17	8.92	9.25	1.5
VW/AS-3	06/30/1999	NA	NA	NA	NA	NA	NA	NA	18.17	10.71	7.46	2.5
VW/AS-3	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.17	11.78	6.39	1.5
VW/AS-3	12/27/1999	488	47.9	2.60	16.9	8.50	35.4	NA	18.17	12.57	5.60	1.5/2.1
VW/AS-3	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.14	4.82	13.32	NA
VW/AS-3	04/17/2000	NA	NA	NA	NA	NA	NA	NA	18.14	8.69	9.45	2.0/2.4
VW/AS-3	04/18/2000	3,110	871	<5.00	141	56.8	78.2	NA	18.14	NA	NA	NA
VW/AS-3	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.14	11.65	6.49	2.5
VW/AS-3	10/17/2000	7,730	2,700	<50.0	542	344	<250	42.1	18.14	12.13	6.01	1.6/1.0
VW/AS-3	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.14	12.51	5.63	2.2
VW/AS-3	04/27/2001	14,000	3,900	62	690	560	NA	46	18.14	10.20	7.94	2.8/1.6
VW/AS-3	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.14	11.55	6.59	2.6
VW/AS-3	12/06/2001	5,000	1,200	19	380	320	NA	<50	18.14	11.10	7.04	0.9/1.1
VW/AS-3	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.14	8.93	9.21	1.1
VW/AS-3	04/17/2002	17,000	5,000	<25	1,100	390	NA	<250	18.14	10.00	8.14	3.2/3.2
VW/AS-3	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.14	11.49	6.65	0.4
VW/AS-3	11/11/2002	1,700	290	1.5	150	2.8	NA	<10	18.14	12.43	5.71	1.0/1.1
VW/AS-3	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.14	9.32	8.82	4.7
VW/AS-3	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.14	9.88	8.26	2.7
VW/AS-3	04/23/2003	150	47	0.67	8.5	3.2	NA	<5.0	18.14	9.85	8.29	2.1/0.7

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VW/AS-3	05/13/2003	440	35	<0.50	1.7	<1.0	NA	<5.0	18.14	9.81	8.33	1.4/1.8
VW/AS-3	06/13/2003	580	71	<2.5	40	<5.0	NA	<25	18.14	10.77	7.37	1.1/0.6
VW/AS-3	07/14/2003	1,100	120	4.9	63	9.3	NA	16	18.14	11.12	7.02	2.0/2.2
VW/AS-3	09/29/2003	160	54	2.2	6.9	8.7	NA	1.1	18.14	12.02	6.12	4.1/1.6
VW/AS-3	10/29/2003	350	16	<0.50	1.1	<1.0	NA	6.3	18.14	12.25	5.89	3.2/1.6
VW/AS-3	01/05/2004	2,700	870	39	130	250	NA	5.5	18.14	9.74	8.40	3.6/2.8
VW/AS-3	04/01/2004	1,300	240	4.1	36	45	NA	12	18.14	9.06	9.08	1.1/1.0
VW/AS-3	07/02/2004	610	59	<1.0	3.6	<2.0	NA	10	18.14	11.29	6.85	2.0/2.2
VW/AS-3	11/03/2004	200	<0.50	<0.50	<0.50	<1.0	NA	10	18.14	12.02	6.12	2.1/2.3
VW/AS-3	01/04/2005	2,500	730	42	36	190	NA	<10	18.14	8.99	9.15	1.72/1.36
VW/AS-3	04/13/2005	<50	1.6	<0.50	<0.50	<0.50	NA	0.61	18.14	7.25	10.89	2.85/3.04
VW/AS-3	07/13/2005	NA	NA	NA	NA	NA	NA	NA	18.14	10.30	7.84	NA
VW/AS-3	07/22/2005	160	36	0.65	<0.50	2.5	NA	2.6	18.14	10.51	7.63	1.4/1.3
VW/AS-3	10/28/2005	100	<0.50	<0.50	<0.50	<1.0	NA	1.7	18.14	11.93	6.21	1.6/0.9
VW/AS-3	01/17/2006	1,400	510	29	16	47	NA	5.4	18.14	8.25	9.89	1.9/0.8
VW/AS-3	04/21/2006	NA	NA	NA	NA	NA	NA	NA	18.14	6.06	12.08	NA
VW/AS-3	05/01/2006	1,350	74.4	<0.500	12.5	0.520	NA	3.30	18.14	6.83	11.31	1.35/0.78
VW/AS-3	08/30/2006	940	77.7	2.67	2.94	5.57	NA	3.45	18.14	11.00	7.14	0.80/0.98
VW/AS-3	**09/29/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**18.14**	**11.30**	**6.84**	**NA**
VW/AS-3	**11/03/2006**	**346 j**	**83.6 j**	**5.17 j**	**2.34 j**	**13.5 j**	**NA**	**3.47 j**	**18.14**	**12.29**	**5.85**	**1.10/0.80**

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Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to April 27, 2001, analyzed by EPA Method 8015.
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to April 27, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
TOC = Top of Casing Elevation
GW = Groundwater
DO = Dissolved Oxygen
NA = Not applicable
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
n/n = Pre-purge/Post-purge DO Readings

Notes:
a = Sample was analyzed outside of the EPA recommended holding time.
b = Hydrocarbon reported does not match the pattern of the laboratory's standard.
c = Top of casing change due to maintenance.
d = Sample contains discrete peak in addition to gasoline.
e = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
f = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
g = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
h = Secondary ion abundances were outside method requirements. Identification based on analytical judgement.
i = Analyte was detected in the associated Method Blank.
j = pH > 2
Site surveyed November 1, 2001 by Virgil Chavez Land Surveying of Vallejo, CA.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

October 16, 2006

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Ana Friel

Work Order: NPJ0094
Project Name: 1230 14th Street, Oakland, CA
Project Nbr: SAP 129403
P/O Nbr: 97088250
Date Received: 10/03/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPJ0094-01	09/29/06 10:25
MW-5	NPJ0094-02	09/29/06 09:58
MW-6	NPJ0094-03	09/29/06 08:46
MW-7	NPJ0094-04	09/29/06 09:03
VW/MW-2	NPJ0094-05	09/29/06 09:42
VW/MW-4	NPJ0094-06	09/29/06 09:23
VW/AS-1	NPJ0094-07	09/29/06 09:55

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.

California Certification Number: 01168CA

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

Report Approved By:

Jim Hatfield
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ0094
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/03/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPJ0094-01RE1 (MW-1 - Water) Sampled: 09/29/06 10:25								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**9300**		ug/L	100	200	10/13/06 16:09	SW846 8260B	6102239
Ethylbenzene	**1290**		ug/L	5.00	10	10/13/06 02:54	SW846 8260B	6102232
Methyl tert-Butyl Ether	ND		ug/L	5.00	10	10/13/06 02:54	SW846 8260B	6102232
Toluene	**859**	B	ug/L	5.00	10	10/13/06 02:54	SW846 8260B	6102232
Xylenes, total	**2820**	B	ug/L	5.00	10	10/13/06 02:54	SW846 8260B	6102232
Surr: 1,2-Dichloroethane-d4 (70-130%)	*91 %*					*10/13/06 02:54*	*SW846 8260B*	*6102232*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*89 %*					*10/13/06 16:09*	*SW846 8260B*	*6102239*
Surr: Dibromofluoromethane (79-122%)	*90 %*					*10/13/06 02:54*	*SW846 8260B*	*6102232*
Surr: Dibromofluoromethane (79-122%)	*90 %*					*10/13/06 16:09*	*SW846 8260B*	*6102239*
Surr: Toluene-d8 (78-121%)	*103 %*					*10/13/06 02:54*	*SW846 8260B*	*6102232*
Surr: Toluene-d8 (78-121%)	*101 %*					*10/13/06 16:09*	*SW846 8260B*	*6102239*
Surr: 4-Bromofluorobenzene (78-126%)	*112 %*					*10/13/06 02:54*	*SW846 8260B*	*6102232*
Surr: 4-Bromofluorobenzene (78-126%)	*111 %*					*10/13/06 16:09*	*SW846 8260B*	*6102239*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**76100**		ug/L	500	10	10/13/06 02:54	CA LUFT GC/MS	6102232
Sample ID: NPJ0094-02RE1 (MW-5 - Water) Sampled: 09/29/06 09:58								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**10100**		ug/L	100	200	10/13/06 16:34	SW846 8260B	6102239
Ethylbenzene	**1810**		ug/L	5.00	10	10/13/06 03:19	SW846 8260B	6102232
Methyl tert-Butyl Ether	**7.20**		ug/L	5.00	10	10/13/06 03:19	SW846 8260B	6102232
Toluene	**2960**		ug/L	100	200	10/13/06 16:34	SW846 8260B	6102239
Xylenes, total	**5310**	B	ug/L	5.00	10	10/13/06 03:19	SW846 8260B	6102232
Surr: 1,2-Dichloroethane-d4 (70-130%)	*89 %*					*10/13/06 03:19*	*SW846 8260B*	*6102232*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*89 %*					*10/13/06 16:34*	*SW846 8260B*	*6102239*
Surr: Dibromofluoromethane (79-122%)	*91 %*					*10/13/06 03:19*	*SW846 8260B*	*6102232*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*10/13/06 16:34*	*SW846 8260B*	*6102239*
Surr: Toluene-d8 (78-121%)	*100 %*					*10/13/06 03:19*	*SW846 8260B*	*6102232*
Surr: Toluene-d8 (78-121%)	*97 %*					*10/13/06 16:34*	*SW846 8260B*	*6102239*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*10/13/06 03:19*	*SW846 8260B*	*6102232*
Surr: 4-Bromofluorobenzene (78-126%)	*105 %*					*10/13/06 16:34*	*SW846 8260B*	*6102239*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**94900**		ug/L	500	10	10/13/06 03:19	CA LUFT GC/MS	6102232
Sample ID: NPJ0094-03 (MW-6 - Water) Sampled: 09/29/06 08:46								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**1.59**		ug/L	0.500	1	10/12/06 21:30	SW846 8260B	6102232
Ethylbenzene	ND		ug/L	0.500	1	10/12/06 21:30	SW846 8260B	6102232
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	10/12/06 21:30	SW846 8260B	6102232
Toluene	ND		ug/L	0.500	1	10/13/06 13:39	SW846 8260B	6102239
Xylenes, total	ND		ug/L	0.500	1	10/13/06 13:39	SW846 8260B	6102239
Surr: 1,2-Dichloroethane-d4 (70-130%)	*85 %*					*10/12/06 21:30*	*SW846 8260B*	*6102232*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*					*10/13/06 13:39*	*SW846 8260B*	*6102239*
Surr: Dibromofluoromethane (79-122%)	*89 %*					*10/12/06 21:30*	*SW846 8260B*	*6102232*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Ana Friel

Work Order: NPJ0094
Project Name: 1230 14th Street, Oakland, CA
Project Number: SAP 129403
Received: 10/03/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPJ0094-03RE1 (MW-6 - Water) - cont. Sampled: 09/29/06 08:46								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: Dibromofluoromethane (79-122%)	*90 %*					*10/13/06 13:39*	*SW846 8260B*	*6102239*
Surr: Toluene-d8 (78-121%)	*105 %*					*10/12/06 21:30*	*SW846 8260B*	*6102232*
Surr: Toluene-d8 (78-121%)	*102 %*					*10/13/06 13:39*	*SW846 8260B*	*6102239*
Surr: 4-Bromofluorobenzene (78-126%)	*112 %*					*10/12/06 21:30*	*SW846 8260B*	*6102232*
Surr: 4-Bromofluorobenzene (78-126%)	*111 %*					*10/13/06 13:39*	*SW846 8260B*	*6102239*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	10/12/06 21:30	CA LUFT GC/MS	6102232
Sample ID: NPJ0094-04RE2 (MW-7 - Water) Sampled: 09/29/06 09:03								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**384**		ug/L	5.00	10	10/13/06 14:54	SW846 8260B	6102239
Ethylbenzene	ND		ug/L	0.500	1	10/12/06 21:55	SW846 8260B	6102232
Methyl tert-Butyl Ether	**0.850**		ug/L	0.500	1	10/12/06 21:55	SW846 8260B	6102232
Toluene	**1.80**		ug/L	0.500	1	10/13/06 14:29	SW846 8260B	6102239
Xylenes, total	**5.44**		ug/L	0.500	1	10/13/06 14:29	SW846 8260B	6102239
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*					*10/12/06 21:55*	*SW846 8260B*	*6102232*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*					*10/13/06 14:54*	*SW846 8260B*	*6102239*
Surr: Dibromofluoromethane (79-122%)	*91 %*					*10/12/06 21:55*	*SW846 8260B*	*6102232*
Surr: Dibromofluoromethane (79-122%)	*92 %*					*10/13/06 14:54*	*SW846 8260B*	*6102239*
Surr: Toluene-d8 (78-121%)	*104 %*					*10/12/06 21:55*	*SW846 8260B*	*6102232*
Surr: Toluene-d8 (78-121%)	*101 %*					*10/13/06 14:54*	*SW846 8260B*	*6102239*
Surr: 4-Bromofluorobenzene (78-126%)	*108 %*					*10/12/06 21:55*	*SW846 8260B*	*6102232*
Surr: 4-Bromofluorobenzene (78-126%)	*107 %*					*10/13/06 14:54*	*SW846 8260B*	*6102239*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**2420**		ug/L	50.0	1	10/12/06 21:55	CA LUFT GC/MS	6102232
Sample ID: NPJ0094-05RE1 (VW/MW-2 - Water) Sampled: 09/29/06 09:42								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**243**		ug/L	2.50	5	10/13/06 17:48	SW846 8260B	6102239
Ethylbenzene	**290**		ug/L	5.00	10	10/13/06 03:44	SW846 8260B	6102232
Methyl tert-Butyl Ether	**2.50**		ug/L	2.50	5	10/13/06 17:48	SW846 8260B	6102239
Toluene	**142**		ug/L	2.50	5	10/13/06 17:48	SW846 8260B	6102239
Xylenes, total	**634**		ug/L	2.50	5	10/13/06 17:48	SW846 8260B	6102239
Surr: 1,2-Dichloroethane-d4 (70-130%)	*85 %*					*10/13/06 03:44*	*SW846 8260B*	*6102232*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*88 %*					*10/13/06 17:48*	*SW846 8260B*	*6102239*
Surr: Dibromofluoromethane (79-122%)	*92 %*					*10/13/06 03:44*	*SW846 8260B*	*6102232*
Surr: Dibromofluoromethane (79-122%)	*92 %*					*10/13/06 17:48*	*SW846 8260B*	*6102239*
Surr: Toluene-d8 (78-121%)	*105 %*					*10/13/06 03:44*	*SW846 8260B*	*6102232*
Surr: Toluene-d8 (78-121%)	*102 %*					*10/13/06 17:48*	*SW846 8260B*	*6102239*
Surr: 4-Bromofluorobenzene (78-126%)	*104 %*					*10/13/06 03:44*	*SW846 8260B*	*6102232*
Surr: 4-Bromofluorobenzene (78-126%)	*103 %*					*10/13/06 17:48*	*SW846 8260B*	*6102239*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**12300**		ug/L	500	10	10/13/06 03:44	CA LUFT GC/MS	6102232

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ0094
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/03/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPJ0094-06RE1 (VW/MW-4 - Water) Sampled: 09/29/06 09:23								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**327**		ug/L	5.00	10	10/13/06 16:58	SW846 8260B	6102239
Ethylbenzene	**146**		ug/L	0.500	1	10/13/06 02:29	SW846 8260B	6102232
Methyl tert-Butyl Ether	**2.63**		ug/L	0.500	1	10/13/06 02:29	SW846 8260B	6102232
Toluene	**23.2**	B	ug/L	0.500	1	10/13/06 02:29	SW846 8260B	6102232
Xylenes, total	**112**	B	ug/L	0.500	1	10/13/06 02:29	SW846 8260B	6102232
Surr: 1,2-Dichloroethane-d4 (70-130%)	*86 %*					*10/13/06 02:29*	*SW846 8260B*	*6102232*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*83 %*					*10/13/06 16:58*	*SW846 8260B*	*6102239*
Surr: Dibromofluoromethane (79-122%)	*83 %*					*10/13/06 02:29*	*SW846 8260B*	*6102232*
Surr: Dibromofluoromethane (79-122%)	*93 %*					*10/13/06 16:58*	*SW846 8260B*	*6102239*
Surr: Toluene-d8 (78-121%)	*104 %*					*10/13/06 02:29*	*SW846 8260B*	*6102232*
Surr: Toluene-d8 (78-121%)	*94 %*					*10/13/06 16:58*	*SW846 8260B*	*6102239*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*10/13/06 02:29*	*SW846 8260B*	*6102232*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*10/13/06 16:58*	*SW846 8260B*	*6102239*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**5920**		ug/L	50.0	1	10/13/06 02:29	CA LUFT GC/MS	6102232
Sample ID: NPJ0094-07 (VW/AS-1 - Water) Sampled: 09/29/06 09:55								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**6160**		ug/L	25.0	50	10/13/06 04:08	SW846 8260B	6102232
Ethylbenzene	**2910**		ug/L	25.0	50	10/13/06 04:08	SW846 8260B	6102232
Methyl tert-Butyl Ether	ND		ug/L	25.0	50	10/13/06 04:08	SW846 8260B	6102232
Toluene	**6370**	B	ug/L	25.0	50	10/13/06 04:08	SW846 8260B	6102232
Xylenes, total	**11600**	B	ug/L	25.0	50	10/13/06 04:08	SW846 8260B	6102232
Surr: 1,2-Dichloroethane-d4 (70-130%)	*88 %*					*10/13/06 04:08*	*SW846 8260B*	*6102232*
Surr: Dibromofluoromethane (79-122%)	*95 %*					*10/13/06 04:08*	*SW846 8260B*	*6102232*
Surr: Toluene-d8 (78-121%)	*103 %*					*10/13/06 04:08*	*SW846 8260B*	*6102232*
Surr: 4-Bromofluorobenzene (78-126%)	*108 %*					*10/13/06 04:08*	*SW846 8260B*	*6102232*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**130000**		ug/L	2500	50	10/13/06 04:08	CA LUFT GC/MS	6102232

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ0094
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/03/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
6102232-BLK1						
Benzene	<0.200		ug/L	6102232	6102232-BLK1	10/12/06 21:06
Ethylbenzene	<0.200		ug/L	6102232	6102232-BLK1	10/12/06 21:06
Methyl tert-Butyl Ether	<0.200		ug/L	6102232	6102232-BLK1	10/12/06 21:06
Toluene	1.77		ug/L	6102232	6102232-BLK1	10/12/06 21:06
Xylenes, total	6.91		ug/L	6102232	6102232-BLK1	10/12/06 21:06
Surrogate: 1,2-Dichloroethane-d4	83%			6102232	6102232-BLK1	10/12/06 21:06
Surrogate: Dibromofluoromethane	89%			6102232	6102232-BLK1	10/12/06 21:06
Surrogate: Toluene-d8	107%			6102232	6102232-BLK1	10/12/06 21:06
Surrogate: 4-Bromofluorobenzene	108%			6102232	6102232-BLK1	10/12/06 21:06
6102239-BLK1						
Benzene	<0.200		ug/L	6102239	6102239-BLK1	10/13/06 13:14
Ethylbenzene	<0.200		ug/L	6102239	6102239-BLK1	10/13/06 13:14
Methyl tert-Butyl Ether	<0.200		ug/L	6102239	6102239-BLK1	10/13/06 13:14
Toluene	<0.200		ug/L	6102239	6102239-BLK1	10/13/06 13:14
Xylenes, total	<0.350		ug/L	6102239	6102239-BLK1	10/13/06 13:14
Surrogate: 1,2-Dichloroethane-d4	91%			6102239	6102239-BLK1	10/13/06 13:14
Surrogate: Dibromofluoromethane	99%			6102239	6102239-BLK1	10/13/06 13:14
Surrogate: Toluene-d8	98%			6102239	6102239-BLK1	10/13/06 13:14
Surrogate: 4-Bromofluorobenzene	108%			6102239	6102239-BLK1	10/13/06 13:14
Purgeable Petroleum Hydrocarbons						
6102232-BLK1						
Gasoline Range Organics	<50.0		ug/L	6102232	6102232-BLK1	10/12/06 21:06
Surrogate: 1,2-Dichloroethane-d4	83%			6102232	6102232-BLK1	10/12/06 21:06
Surrogate: Dibromofluoromethane	89%			6102232	6102232-BLK1	10/12/06 21:06
Surrogate: Toluene-d8	107%			6102232	6102232-BLK1	10/12/06 21:06
Surrogate: 4-Bromofluorobenzene	108%			6102232	6102232-BLK1	10/12/06 21:06

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	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/03/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
6102232-BS1								
Benzene	50.0	44.6		ug/L	89%	79 - 123	6102232	10/13/06 07:22
Ethylbenzene	50.0	48.4		ug/L	97%	79 - 125	6102232	10/13/06 07:22
Methyl tert-Butyl Ether	50.0	40.4		ug/L	81%	66 - 142	6102232	10/13/06 07:22
Toluene	50.0	47.5	B	ug/L	95%	78 - 122	6102232	10/13/06 07:22
Xylenes, total	150	131	B	ug/L	87%	79 - 130	6102232	10/13/06 07:22
Surrogate: 1,2-Dichloroethane-d4	50.0	41.8			84%	70 - 130	6102232	10/13/06 07:22
Surrogate: Dibromofluoromethane	50.0	43.9			88%	79 - 122	6102232	10/13/06 07:22
Surrogate: Toluene-d8	50.0	49.0			98%	78 - 121	6102232	10/13/06 07:22
Surrogate: 4-Bromofluorobenzene	50.0	52.0			104%	78 - 126	6102232	10/13/06 07:22
6102239-BS1								
Benzene	50.0	48.7		ug/L	97%	79 - 123	6102239	10/13/06 12:24
Ethylbenzene	50.0	54.0		ug/L	108%	79 - 125	6102239	10/13/06 12:24
Methyl tert-Butyl Ether	50.0	43.5		ug/L	87%	66 - 142	6102239	10/13/06 12:24
Toluene	50.0	52.2		ug/L	104%	78 - 122	6102239	10/13/06 12:24
Xylenes, total	150	148		ug/L	99%	79 - 130	6102239	10/13/06 12:24
Surrogate: 1,2-Dichloroethane-d4	50.0	41.9			84%	70 - 130	6102239	10/13/06 12:24
Surrogate: Dibromofluoromethane	50.0	43.4			87%	79 - 122	6102239	10/13/06 12:24
Surrogate: Toluene-d8	50.0	50.6			101%	78 - 121	6102239	10/13/06 12:24
Surrogate: 4-Bromofluorobenzene	50.0	50.4			101%	78 - 126	6102239	10/13/06 12:24
Purgeable Petroleum Hydrocarbons								
6102232-BS1								
Gasoline Range Organics	3050	2400		ug/L	79%	67 - 130	6102232	10/13/06 07:22
Surrogate: 1,2-Dichloroethane-d4	50.0	41.8			84%	70 - 130	6102232	10/13/06 07:22
Surrogate: Dibromofluoromethane	50.0	43.9			88%	70 - 130	6102232	10/13/06 07:22
Surrogate: Toluene-d8	50.0	49.0			98%	70 - 130	6102232	10/13/06 07:22
Surrogate: 4-Bromofluorobenzene	50.0	52.0			104%	70 - 130	6102232	10/13/06 07:22

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ0094
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/03/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
6102232-MS1										
Benzene	1.59	53.5		ug/L	50.0	104%	71 - 137	6102232	NPJ0094-03	10/13/06 04:33
Ethylbenzene	ND	59.6		ug/L	50.0	119%	72 - 139	6102232	NPJ0094-03	10/13/06 04:33
Methyl tert-Butyl Ether	ND	50.5		ug/L	50.0	101%	55 - 152	6102232	NPJ0094-03	10/13/06 04:33
Toluene	1.47	56.7	B	ug/L	50.0	110%	73 - 133	6102232	NPJ0094-03	10/13/06 04:33
Xylenes, total	6.76	160	B	ug/L	150	102%	70 - 143	6102232	NPJ0094-03	10/13/06 04:33
Surrogate: 1,2-Dichloroethane-d4		43.8		ug/L	50.0	88%	70 - 130	6102232	NPJ0094-03	10/13/06 04:33
Surrogate: Dibromofluoromethane		42.8		ug/L	50.0	86%	79 - 122	6102232	NPJ0094-03	10/13/06 04:33
Surrogate: Toluene-d8		50.7		ug/L	50.0	101%	78 - 121	6102232	NPJ0094-03	10/13/06 04:33
Surrogate: 4-Bromofluorobenzene		53.3		ug/L	50.0	107%	78 - 126	6102232	NPJ0094-03	10/13/06 04:33
Purgeable Petroleum Hydrocarbons										
6102232-MS1										
Gasoline Range Organics	ND	3200		ug/L	3050	105%	60 - 140	6102232	NPJ0094-03	10/13/06 04:33
Surrogate: 1,2-Dichloroethane-d4		43.8		ug/L	50.0	88%	0 - 200	6102232	NPJ0094-03	10/13/06 04:33
Surrogate: Dibromofluoromethane		42.8		ug/L	50.0	86%	0 - 200	6102232	NPJ0094-03	10/13/06 04:33
Surrogate: Toluene-d8		50.7		ug/L	50.0	101%	0 - 200	6102232	NPJ0094-03	10/13/06 04:33
Surrogate: 4-Bromofluorobenzene		53.3		ug/L	50.0	107%	0 - 200	6102232	NPJ0094-03	10/13/06 04:33

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ0094
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/03/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
6102232-MSD1												
Benzene	1.59	49.8		ug/L	50.0	96%	71 - 137	7	23	6102232	NPJ0094-03	10/13/06 04:58
Ethylbenzene	ND	56.0		ug/L	50.0	112%	72 - 139	6	23	6102232	NPJ0094-03	10/13/06 04:58
Methyl tert-Butyl Ether	ND	47.0		ug/L	50.0	94%	55 - 152	7	27	6102232	NPJ0094-03	10/13/06 04:58
Toluene	1.47	52.5	B	ug/L	50.0	102%	73 - 133	8	25	6102232	NPJ0094-03	10/13/06 04:58
Xylenes, total	6.76	149	B	ug/L	150	95%	70 - 143	7	27	6102232	NPJ0094-03	10/13/06 04:58
Surrogate: 1,2-Dichloroethane-d4		43.3		ug/L	50.0	87%	70 - 130			6102232	NPJ0094-03	10/13/06 04:58
Surrogate: Dibromofluoromethane		44.6		ug/L	50.0	89%	79 - 122			6102232	NPJ0094-03	10/13/06 04:58
Surrogate: Toluene-d8		51.4		ug/L	50.0	103%	78 - 121			6102232	NPJ0094-03	10/13/06 04:58
Surrogate: 4-Bromofluorobenzene		54.9		ug/L	50.0	110%	78 - 126			6102232	NPJ0094-03	10/13/06 04:58
Purgeable Petroleum Hydrocarbons												
6102232-MSD1												
Gasoline Range Organics	ND	3180		ug/L	3050	104%	60 - 140	0.6	40	6102232	NPJ0094-03	10/13/06 04:58
Surrogate: 1,2-Dichloroethane-d4		43.3		ug/L	50.0	87%	0 - 200			6102232	NPJ0094-03	10/13/06 04:58
Surrogate: Dibromofluoromethane		44.6		ug/L	50.0	89%	0 - 200			6102232	NPJ0094-03	10/13/06 04:58
Surrogate: Toluene-d8		51.4		ug/L	50.0	103%	0 - 200			6102232	NPJ0094-03	10/13/06 04:58
Surrogate: 4-Bromofluorobenzene		54.9		ug/L	50.0	110%	0 - 200			6102232	NPJ0094-03	10/13/06 04:58

TestAmerica
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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ0094
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/03/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

TestAmerica
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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ0094
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/03/06 08:00

NELAC CERTIFICATION SUMMARY

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

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

TestAmerica
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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ0094
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/03/06 08:00

DATA QUALIFIERS AND DEFINITIONS

B Analyte was detected in the associated Method Blank.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPJ0094

Cooler Received/Opened On October 3, 2006 @ 0800

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0053

(Fedex) UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 0.6 **Degrees Celsius**
(indicate IR Gun ID#)

NA A00466 (A00750) A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...(NO)...NA

a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES....NO...(NA)

5. Were custody papers inside cooler?..... (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JL

6. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO...(NA)

7. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert

(Plastic bag) Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA

12. a. Were VOA vials received?..... (YES)...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...(NO)...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JL

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... (YES)...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JL

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA

17. Were correct containers used for the analysis requested?..... (YES)...NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JL

I certify that I attached a label with the unique LIMS number to each container (intial)..... JL

19. Were there Non-Conformance issues at login YES (NO) Was a PIPE generated YES NO #_____

BIS = Broken in shipment

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☑ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

NAME OF PERSON TO BILL: Denis Brown
- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT
- ☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 0 8 8 2 5 0

PO #:

SAP or CRMT #:

DATE: 9/29/06

PAGE: 1 of 1

SAMPLING COMPANY	LOG CODE
Blaine Tech Services	BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE	FAX	E-MAIL
408-573-0555	408-573-7771	mninokata@blainetech.com

SITE ADDRESS: Street and City	State	GLOBAL ID NO.
1230 14th St., Oakland	CA	T0600101691

EDF DELIVERABLE TO (Name, Company, Office Location)	PHONE NO.	E-MAIL	CONSULTANT PROJECT NO.
Ana Friel, Cambria, Eureka Office	(707) 268-3812	sonomaedf@cambria-env.com	BTS # 060729-DQ1

SAMPLER NAME(S) (Print): D. Rayna

LAB USE ONLY

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

NPJ0094

10/17/06 23:59

- ☐ EDD NOT NEEDED
- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMB RATE APPLIES
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT C°
	MW-1	9/26/06	1025	X	3	X		X		X	MBS		00941						
	MW-5	"	958	X	3	X		X		X					2				
	MW-6	"	848	X	3	X		X		X					3				
	MW-7	"	903	X	3	X		X		X					4				
	VW/MW-2	"	942	X	3	X		X		X					5				
	VW/MW-4	"	923	X	3	X		X		X					6				
	VW/AS-1	↓	955	X	3	X		X		X					7				

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
		9/29/06	1500
		9/29/06	1730
		9/29/06	1830

Rebecca Kelley MT 10/2/06 1225

10/3/06 0.6°C 8:00

05/02/06 Revision

Q&Q Graphic (714) 898-9702

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

October 27, 2006

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Ana Friel

Work Order: NPJ2081
Project Name: 1230 14th Street, Oakland, CA
Project Nbr: SAP 129403
P/O Nbr: 97088250
Date Received: 10/17/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPJ2081-01	10/13/06 12:35
MW-5	NPJ2081-02	10/13/06 12:00
VW-MW2	NPJ2081-03	10/13/06 11:35
VW-MW4	NPJ2081-04	10/13/06 11:10
MW-7	NPJ2081-05	10/13/06 10:45
MW-6	NPJ2081-06	10/13/06 10:25
VW-AS1	NPJ2081-07	10/13/06 13:30

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.

California Certification Number: 01168CA

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

Report Approved By:

Jim Hatfield
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPJ2081-01RE1 (MW-1 - Water) Sampled: 10/13/06 12:35								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**7580**		ug/L	25.0	50	10/21/06 03:03	SW846 8260B	6104113
Ethylbenzene	**1030**		ug/L	25.0	50	10/21/06 03:03	SW846 8260B	6104113
Methyl tert-Butyl Ether	**2.75**		ug/L	0.500	1	10/19/06 16:25	SW846 8260B	6104209
Toluene	**770**		ug/L	25.0	50	10/21/06 03:03	SW846 8260B	6104113
Xylenes, total	**2860**		ug/L	25.0	50	10/21/06 03:03	SW846 8260B	6104113
Surr: 1,2-Dichloroethane-d4 (70-130%)	*79 %*					*10/19/06 16:25*	*SW846 8260B*	*6104209*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*					*10/21/06 03:03*	*SW846 8260B*	*6104113*
Surr: Dibromofluoromethane (79-122%)	*87 %*					*10/19/06 16:25*	*SW846 8260B*	*6104209*
Surr: Dibromofluoromethane (79-122%)	*101 %*					*10/21/06 03:03*	*SW846 8260B*	*6104113*
Surr: Toluene-d8 (78-121%)	*128 %*	*Z10*				*10/19/06 16:25*	*SW846 8260B*	*6104209*
Surr: Toluene-d8 (78-121%)	*114 %*					*10/21/06 03:03*	*SW846 8260B*	*6104113*
Surr: 4-Bromofluorobenzene (78-126%)	*112 %*					*10/19/06 16:25*	*SW846 8260B*	*6104209*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*10/21/06 03:03*	*SW846 8260B*	*6104113*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**49500**		ug/L	2500	50	10/21/06 03:03	CA LUFT GC/MS	6104113
Sample ID: NPJ2081-02RE1 (MW-5 - Water) Sampled: 10/13/06 12:00								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**7710**		ug/L	25.0	50	10/21/06 03:27	SW846 8260B	6104113
Ethylbenzene	**1250**		ug/L	25.0	50	10/21/06 03:27	SW846 8260B	6104113
Methyl tert-Butyl Ether	**5.64**		ug/L	0.500	1	10/19/06 16:49	SW846 8260B	6104209
Toluene	**1360**		ug/L	25.0	50	10/21/06 03:27	SW846 8260B	6104113
Xylenes, total	**3460**		ug/L	25.0	50	10/21/06 03:27	SW846 8260B	6104113
Surr: 1,2-Dichloroethane-d4 (70-130%)	*72 %*					*10/19/06 16:49*	*SW846 8260B*	*6104209*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*					*10/21/06 03:27*	*SW846 8260B*	*6104113*
Surr: Dibromofluoromethane (79-122%)	*91 %*					*10/19/06 16:49*	*SW846 8260B*	*6104209*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*10/21/06 03:27*	*SW846 8260B*	*6104113*
Surr: Toluene-d8 (78-121%)	*120 %*					*10/19/06 16:49*	*SW846 8260B*	*6104209*
Surr: Toluene-d8 (78-121%)	*114 %*					*10/21/06 03:27*	*SW846 8260B*	*6104113*
Surr: 4-Bromofluorobenzene (78-126%)	*109 %*					*10/19/06 16:49*	*SW846 8260B*	*6104209*
Surr: 4-Bromofluorobenzene (78-126%)	*107 %*					*10/21/06 03:27*	*SW846 8260B*	*6104113*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**48200**		ug/L	2500	50	10/21/06 03:27	CA LUFT GC/MS	6104113
Sample ID: NPJ2081-03RE1 (VW-MW2 - Water) Sampled: 10/13/06 11:35								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**292**		ug/L	5.00	10	10/21/06 03:52	SW846 8260B	6104113
Ethylbenzene	**384**		ug/L	5.00	10	10/21/06 03:52	SW846 8260B	6104113
Methyl tert-Butyl Ether	**1.84**		ug/L	0.500	1	10/19/06 17:14	SW846 8260B	6104209
Toluene	**169**		ug/L	0.500	1	10/19/06 17:14	SW846 8260B	6104209
Xylenes, total	**1080**		ug/L	5.00	10	10/21/06 03:52	SW846 8260B	6104113
Surr: 1,2-Dichloroethane-d4 (70-130%)	*110 %*					*10/19/06 17:14*	*SW846 8260B*	*6104209*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*104 %*					*10/21/06 03:52*	*SW846 8260B*	*6104113*
Surr: Dibromofluoromethane (79-122%)	*108 %*					*10/19/06 17:14*	*SW846 8260B*	*6104209*

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPJ2081-03RE1 (VW-MW2 - Water) - cont. Sampled: 10/13/06 11:35								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: Dibromofluoromethane (79-122%)	*101 %*					*10/21/06 03:52*	*SW846 8260B*	*6104113*
Surr: Toluene-d8 (78-121%)	*112 %*					*10/19/06 17:14*	*SW846 8260B*	*6104209*
Surr: Toluene-d8 (78-121%)	*114 %*					*10/21/06 03:52*	*SW846 8260B*	*6104113*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*10/19/06 17:14*	*SW846 8260B*	*6104209*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*10/21/06 03:52*	*SW846 8260B*	*6104113*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**19300**		ug/L	500	10	10/21/06 03:52	CA LUFT GC/MS	6104113
Sample ID: NPJ2081-04RE1 (VW-MW4 - Water) Sampled: 10/13/06 11:10								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**299**		ug/L	5.00	10	10/21/06 04:16	SW846 8260B	6104113
Ethylbenzene	**134**		ug/L	0.500	1	10/19/06 17:38	SW846 8260B	6104209
Methyl tert-Butyl Ether	**3.58**		ug/L	0.500	1	10/19/06 17:38	SW846 8260B	6104209
Toluene	**16.6**		ug/L	0.500	1	10/19/06 17:38	SW846 8260B	6104209
Xylenes, total	**90.4**		ug/L	0.500	1	10/19/06 17:38	SW846 8260B	6104209
Surr: 1,2-Dichloroethane-d4 (70-130%)	*113 %*					*10/19/06 17:38*	*SW846 8260B*	*6104209*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*108 %*					*10/21/06 04:16*	*SW846 8260B*	*6104113*
Surr: Dibromofluoromethane (79-122%)	*112 %*					*10/19/06 17:38*	*SW846 8260B*	*6104209*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*10/21/06 04:16*	*SW846 8260B*	*6104113*
Surr: Toluene-d8 (78-121%)	*115 %*					*10/19/06 17:38*	*SW846 8260B*	*6104209*
Surr: Toluene-d8 (78-121%)	*114 %*					*10/21/06 04:16*	*SW846 8260B*	*6104113*
Surr: 4-Bromofluorobenzene (78-126%)	*110 %*					*10/19/06 17:38*	*SW846 8260B*	*6104209*
Surr: 4-Bromofluorobenzene (78-126%)	*110 %*					*10/21/06 04:16*	*SW846 8260B*	*6104113*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**6560**		ug/L	50.0	1	10/19/06 17:38	CA LUFT GC/MS	6104209
Sample ID: NPJ2081-05RE1 (MW-7 - Water) Sampled: 10/13/06 10:45								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**549**		ug/L	5.00	10	10/21/06 04:40	SW846 8260B	6104113
Ethylbenzene	**0.680**		ug/L	0.500	1	10/19/06 18:02	SW846 8260B	6104209
Methyl tert-Butyl Ether	**0.930**		ug/L	0.500	1	10/19/06 18:02	SW846 8260B	6104209
Toluene	**0.540**		ug/L	0.500	1	10/19/06 18:02	SW846 8260B	6104209
Xylenes, total	**11.7**		ug/L	0.500	1	10/19/06 18:02	SW846 8260B	6104209
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*					*10/19/06 18:02*	*SW846 8260B*	*6104209*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*10/21/06 04:40*	*SW846 8260B*	*6104113*
Surr: Dibromofluoromethane (79-122%)	*101 %*					*10/19/06 18:02*	*SW846 8260B*	*6104209*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*10/21/06 04:40*	*SW846 8260B*	*6104113*
Surr: Toluene-d8 (78-121%)	*116 %*					*10/19/06 18:02*	*SW846 8260B*	*6104209*
Surr: Toluene-d8 (78-121%)	*114 %*					*10/21/06 04:40*	*SW846 8260B*	*6104113*
Surr: 4-Bromofluorobenzene (78-126%)	*111 %*					*10/19/06 18:02*	*SW846 8260B*	*6104209*
Surr: 4-Bromofluorobenzene (78-126%)	*112 %*					*10/21/06 04:40*	*SW846 8260B*	*6104113*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**5980**		ug/L	50.0	1	10/19/06 18:02	CA LUFT GC/MS	6104209

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPJ2081-06 (MW-6 - Water) Sampled: 10/13/06 10:25								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**3.14**		ug/L	0.500	1	10/20/06 16:31	SW846 8260B	6104401
Ethylbenzene	ND		ug/L	0.500	1	10/20/06 16:31	SW846 8260B	6104401
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	10/20/06 16:31	SW846 8260B	6104401
Toluene	ND		ug/L	0.500	1	10/20/06 16:31	SW846 8260B	6104401
Xylenes, total	ND		ug/L	0.500	1	10/20/06 16:31	SW846 8260B	6104401
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*					*10/20/06 16:31*	*SW846 8260B*	*6104401*
Surr: Dibromofluoromethane (79-122%)	*103 %*					*10/20/06 16:31*	*SW846 8260B*	*6104401*
Surr: Toluene-d8 (78-121%)	*118 %*					*10/20/06 16:31*	*SW846 8260B*	*6104401*
Surr: 4-Bromofluorobenzene (78-126%)	*116 %*					*10/20/06 16:31*	*SW846 8260B*	*6104401*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**934**		ug/L	50.0	1	10/20/06 16:31	CA LUFT GC/MS	6104401
Sample ID: NPJ2081-07RE1 (VW-AS1 - Water) Sampled: 10/13/06 13:30								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**6320**		ug/L	25.0	50	10/21/06 05:05	SW846 8260B	6104113
Ethylbenzene	**2930**		ug/L	25.0	50	10/21/06 05:05	SW846 8260B	6104113
Methyl tert-Butyl Ether	**1.03**		ug/L	0.500	1	10/19/06 18:51	SW846 8260B	6104209
Toluene	**5710**		ug/L	25.0	50	10/21/06 05:05	SW846 8260B	6104113
Xylenes, total	**13100**		ug/L	25.0	50	10/21/06 05:05	SW846 8260B	6104113
Surr: 1,2-Dichloroethane-d4 (70-130%)	*74 %*					*10/19/06 18:51*	*SW846 8260B*	*6104209*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*					*10/21/06 05:05*	*SW846 8260B*	*6104113*
Surr: Dibromofluoromethane (79-122%)	*72 %*	*Z10*				*10/19/06 18:51*	*SW846 8260B*	*6104209*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*10/21/06 05:05*	*SW846 8260B*	*6104113*
Surr: Toluene-d8 (78-121%)	*126 %*	*Z10*				*10/19/06 18:51*	*SW846 8260B*	*6104209*
Surr: Toluene-d8 (78-121%)	*115 %*					*10/21/06 05:05*	*SW846 8260B*	*6104113*
Surr: 4-Bromofluorobenzene (78-126%)	*113 %*					*10/19/06 18:51*	*SW846 8260B*	*6104209*
Surr: 4-Bromofluorobenzene (78-126%)	*108 %*					*10/21/06 05:05*	*SW846 8260B*	*6104113*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**144000**		ug/L	2500	50	10/21/06 05:05	CA LUFT GC/MS	6104113

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
6104113-BLK1						
Benzene	<0.200		ug/L	6104113	6104113-BLK1	10/21/06 00:12
Ethylbenzene	<0.200		ug/L	6104113	6104113-BLK1	10/21/06 00:12
Methyl tert-Butyl Ether	<0.200		ug/L	6104113	6104113-BLK1	10/21/06 00:12
Toluene	<0.200		ug/L	6104113	6104113-BLK1	10/21/06 00:12
Xylenes, total	<0.350		ug/L	6104113	6104113-BLK1	10/21/06 00:12
Surrogate: 1,2-Dichloroethane-d4	101%			6104113	6104113-BLK1	10/21/06 00:12
Surrogate: Dibromofluoromethane	101%			6104113	6104113-BLK1	10/21/06 00:12
Surrogate: Toluene-d8	115%			6104113	6104113-BLK1	10/21/06 00:12
Surrogate: 4-Bromofluorobenzene	111%			6104113	6104113-BLK1	10/21/06 00:12
6104209-BLK1						
Benzene	<0.200		ug/L	6104209	6104209-BLK1	10/19/06 13:34
Ethylbenzene	<0.200		ug/L	6104209	6104209-BLK1	10/19/06 13:34
Methyl tert-Butyl Ether	<0.200		ug/L	6104209	6104209-BLK1	10/19/06 13:34
Toluene	<0.200		ug/L	6104209	6104209-BLK1	10/19/06 13:34
Xylenes, total	<0.350		ug/L	6104209	6104209-BLK1	10/19/06 13:34
Surrogate: 1,2-Dichloroethane-d4	139%	Z2		6104209	6104209-BLK1	10/19/06 13:34
Surrogate: Dibromofluoromethane	118%			6104209	6104209-BLK1	10/19/06 13:34
Surrogate: Toluene-d8	117%			6104209	6104209-BLK1	10/19/06 13:34
Surrogate: 4-Bromofluorobenzene	108%			6104209	6104209-BLK1	10/19/06 13:34
6104401-BLK1						
Benzene	<0.200		ug/L	6104401	6104401-BLK1	10/20/06 12:59
Ethylbenzene	<0.200		ug/L	6104401	6104401-BLK1	10/20/06 12:59
Methyl tert-Butyl Ether	<0.200		ug/L	6104401	6104401-BLK1	10/20/06 12:59
Toluene	<0.200		ug/L	6104401	6104401-BLK1	10/20/06 12:59
Xylenes, total	<0.350		ug/L	6104401	6104401-BLK1	10/20/06 12:59
Surrogate: 1,2-Dichloroethane-d4	104%			6104401	6104401-BLK1	10/20/06 12:59
Surrogate: Dibromofluoromethane	101%			6104401	6104401-BLK1	10/20/06 12:59
Surrogate: Toluene-d8	118%			6104401	6104401-BLK1	10/20/06 12:59
Surrogate: 4-Bromofluorobenzene	117%			6104401	6104401-BLK1	10/20/06 12:59
Purgeable Petroleum Hydrocarbons						
6104113-BLK1						
Gasoline Range Organics	<50.0		ug/L	6104113	6104113-BLK1	10/21/06 00:12
Surrogate: 1,2-Dichloroethane-d4	101%			6104113	6104113-BLK1	10/21/06 00:12
Surrogate: Dibromofluoromethane	101%			6104113	6104113-BLK1	10/21/06 00:12
Surrogate: Toluene-d8	115%			6104113	6104113-BLK1	10/21/06 00:12
Surrogate: 4-Bromofluorobenzene	111%			6104113	6104113-BLK1	10/21/06 00:12
6104209-BLK1						
Gasoline Range Organics	<50.0		ug/L	6104209	6104209-BLK1	10/19/06 13:34

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
6104209-BLK1						
Surrogate: 1,2-Dichloroethane-d4	139%			6104209	6104209-BLK1	10/19/06 13:34
Surrogate: Dibromofluoromethane	118%			6104209	6104209-BLK1	10/19/06 13:34
Surrogate: Toluene-d8	117%			6104209	6104209-BLK1	10/19/06 13:34
Surrogate: 4-Bromofluorobenzene	108%			6104209	6104209-BLK1	10/19/06 13:34
6104401-BLK1						
Gasoline Range Organics	<50.0		ug/L	6104401	6104401-BLK1	10/20/06 12:59
Surrogate: 1,2-Dichloroethane-d4	104%			6104401	6104401-BLK1	10/20/06 12:59
Surrogate: Dibromofluoromethane	101%			6104401	6104401-BLK1	10/20/06 12:59
Surrogate: Toluene-d8	118%			6104401	6104401-BLK1	10/20/06 12:59
Surrogate: 4-Bromofluorobenzene	117%			6104401	6104401-BLK1	10/20/06 12:59

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	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
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Attn	Ana Friel	Received:	10/17/06 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
6104113-BS1								
Benzene	50.0	47.3		ug/L	95%	79 - 123	6104113	10/20/06 23:00
Ethylbenzene	50.0	52.7		ug/L	105%	79 - 125	6104113	10/20/06 23:00
Methyl tert-Butyl Ether	50.0	51.3		ug/L	103%	66 - 142	6104113	10/20/06 23:00
Toluene	50.0	50.9		ug/L	102%	78 - 122	6104113	10/20/06 23:00
Xylenes, total	150	161		ug/L	107%	79 - 130	6104113	10/20/06 23:00
Surrogate: 1,2-Dichloroethane-d4	50.0	54.0			108%	70 - 130	6104113	10/20/06 23:00
Surrogate: Dibromofluoromethane	50.0	53.3			107%	79 - 122	6104113	10/20/06 23:00
Surrogate: Toluene-d8	50.0	56.4			113%	78 - 121	6104113	10/20/06 23:00
Surrogate: 4-Bromofluorobenzene	50.0	54.1			108%	78 - 126	6104113	10/20/06 23:00
6104209-BS1								
Benzene	50.0	42.8		ug/L	86%	79 - 123	6104209	10/19/06 11:22
Ethylbenzene	50.0	50.5		ug/L	101%	79 - 125	6104209	10/19/06 11:22
Methyl tert-Butyl Ether	50.0	41.8		ug/L	84%	66 - 142	6104209	10/19/06 11:22
Toluene	50.0	50.4		ug/L	101%	78 - 122	6104209	10/19/06 11:22
Xylenes, total	150	159		ug/L	106%	79 - 130	6104209	10/19/06 11:22
Surrogate: 1,2-Dichloroethane-d4	50.0	54.2			108%	70 - 130	6104209	10/19/06 11:22
Surrogate: Dibromofluoromethane	50.0	51.6			103%	79 - 122	6104209	10/19/06 11:22
Surrogate: Toluene-d8	50.0	61.0	Z10		122%	78 - 121	6104209	10/19/06 11:22
Surrogate: 4-Bromofluorobenzene	50.0	53.1			106%	78 - 126	6104209	10/19/06 11:22
6104401-BS1								
Benzene	50.0	41.1		ug/L	82%	79 - 123	6104401	10/20/06 11:46
Ethylbenzene	50.0	45.2		ug/L	90%	79 - 125	6104401	10/20/06 11:46
Methyl tert-Butyl Ether	50.0	42.8		ug/L	86%	66 - 142	6104401	10/20/06 11:46
Toluene	50.0	45.3		ug/L	91%	78 - 122	6104401	10/20/06 11:46
Xylenes, total	150	141		ug/L	94%	79 - 130	6104401	10/20/06 11:46
Surrogate: 1,2-Dichloroethane-d4	50.0	53.8			108%	70 - 130	6104401	10/20/06 11:46
Surrogate: Dibromofluoromethane	50.0	51.3			103%	79 - 122	6104401	10/20/06 11:46
Surrogate: Toluene-d8	50.0	57.8			116%	78 - 121	6104401	10/20/06 11:46
Surrogate: 4-Bromofluorobenzene	50.0	52.0			104%	78 - 126	6104401	10/20/06 11:46
Purgeable Petroleum Hydrocarbons								
6104113-BS1								
Gasoline Range Organics	3050	3240		ug/L	106%	67 - 130	6104113	10/20/06 23:00
Surrogate: 1,2-Dichloroethane-d4	50.0	54.0			108%	70 - 130	6104113	10/20/06 23:00
Surrogate: Dibromofluoromethane	50.0	53.3			107%	70 - 130	6104113	10/20/06 23:00
Surrogate: Toluene-d8	50.0	56.4			113%	70 - 130	6104113	10/20/06 23:00
Surrogate: 4-Bromofluorobenzene	50.0	54.1			108%	70 - 130	6104113	10/20/06 23:00
6104209-BS1								
Gasoline Range Organics	3050	2900		ug/L	95%	67 - 130	6104209	10/19/06 11:22

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
6104209-BS1								
Surrogate: 1,2-Dichloroethane-d4	50.0	54.2			108%	70 - 130	6104209	10/19/06 11:22
Surrogate: Dibromofluoromethane	50.0	51.6			103%	70 - 130	6104209	10/19/06 11:22
Surrogate: Toluene-d8	50.0	61.0			122%	70 - 130	6104209	10/19/06 11:22
Surrogate: 4-Bromofluorobenzene	50.0	53.1			106%	70 - 130	6104209	10/19/06 11:22
6104401-BS1								
Gasoline Range Organics	3050	2750		ug/L	90%	67 - 130	6104401	10/20/06 11:46
Surrogate: 1,2-Dichloroethane-d4	50.0	53.8			108%	70 - 130	6104401	10/20/06 11:46
Surrogate: Dibromofluoromethane	50.0	51.3			103%	70 - 130	6104401	10/20/06 11:46
Surrogate: Toluene-d8	50.0	57.8			116%	70 - 130	6104401	10/20/06 11:46
Surrogate: 4-Bromofluorobenzene	50.0	52.0			104%	70 - 130	6104401	10/20/06 11:46

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	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
6104113-MS1										
Benzene	42.4	79.8		ug/L	50.0	75%	71 - 137	6104113	NPJ2333-01	10/21/06 06:42
Ethylbenzene	2.18	54.5		ug/L	50.0	105%	72 - 139	6104113	NPJ2333-01	10/21/06 06:42
Methyl tert-Butyl Ether	33.6	74.4		ug/L	50.0	82%	55 - 152	6104113	NPJ2333-01	10/21/06 06:42
Toluene	12.3	61.1		ug/L	50.0	98%	73 - 133	6104113	NPJ2333-01	10/21/06 06:42
Xylenes, total	123	270		ug/L	150	98%	70 - 143	6104113	NPJ2333-01	10/21/06 06:42
Surrogate: 1,2-Dichloroethane-d4		56.3		ug/L	50.0	113%	70 - 130	6104113	NPJ2333-01	10/21/06 06:42
Surrogate: Dibromofluoromethane		54.5		ug/L	50.0	109%	79 - 122	6104113	NPJ2333-01	10/21/06 06:42
Surrogate: Toluene-d8		57.9		ug/L	50.0	116%	78 - 121	6104113	NPJ2333-01	10/21/06 06:42
Surrogate: 4-Bromofluorobenzene		51.7		ug/L	50.0	103%	78 - 126	6104113	NPJ2333-01	10/21/06 06:42
6104209-MS1										
Benzene	ND	46.7		ug/L	50.0	93%	71 - 137	6104209	NPJ1922-01	10/19/06 21:41
Ethylbenzene	ND	56.1		ug/L	50.0	112%	72 - 139	6104209	NPJ1922-01	10/19/06 21:41
Methyl tert-Butyl Ether	2.02	52.1		ug/L	50.0	100%	55 - 152	6104209	NPJ1922-01	10/19/06 21:41
Toluene	ND	51.5		ug/L	50.0	103%	73 - 133	6104209	NPJ1922-01	10/19/06 21:41
Xylenes, total	ND	173		ug/L	150	115%	70 - 143	6104209	NPJ1922-01	10/19/06 21:41
Surrogate: 1,2-Dichloroethane-d4		54.2		ug/L	50.0	108%	70 - 130	6104209	NPJ1922-01	10/19/06 21:41
Surrogate: Dibromofluoromethane		53.5		ug/L	50.0	107%	79 - 122	6104209	NPJ1922-01	10/19/06 21:41
Surrogate: Toluene-d8		57.8		ug/L	50.0	116%	78 - 121	6104209	NPJ1922-01	10/19/06 21:41
Surrogate: 4-Bromofluorobenzene		53.2		ug/L	50.0	106%	78 - 126	6104209	NPJ1922-01	10/19/06 21:41
Purgeable Petroleum Hydrocarbons										
6104113-MS1										
Gasoline Range Organics	ND	7360	M7	ug/L	3050	241%	60 - 140	6104113	NPJ2333-01	10/21/06 06:42
Surrogate: 1,2-Dichloroethane-d4		56.3		ug/L	50.0	113%	0 - 200	6104113	NPJ2333-01	10/21/06 06:42
Surrogate: Dibromofluoromethane		54.5		ug/L	50.0	109%	0 - 200	6104113	NPJ2333-01	10/21/06 06:42
Surrogate: Toluene-d8		57.9		ug/L	50.0	116%	0 - 200	6104113	NPJ2333-01	10/21/06 06:42
Surrogate: 4-Bromofluorobenzene		51.7		ug/L	50.0	103%	0 - 200	6104113	NPJ2333-01	10/21/06 06:42
6104209-MS1										
Gasoline Range Organics	ND	3310		ug/L	3050	109%	60 - 140	6104209	NPJ1922-01	10/19/06 21:41
Surrogate: 1,2-Dichloroethane-d4		54.2		ug/L	50.0	108%	0 - 200	6104209	NPJ1922-01	10/19/06 21:41
Surrogate: Dibromofluoromethane		53.5		ug/L	50.0	107%	0 - 200	6104209	NPJ1922-01	10/19/06 21:41
Surrogate: Toluene-d8		57.8		ug/L	50.0	116%	0 - 200	6104209	NPJ1922-01	10/19/06 21:41
Surrogate: 4-Bromofluorobenzene		53.2		ug/L	50.0	106%	0 - 200	6104209	NPJ1922-01	10/19/06 21:41

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
6104113-MSD1												
Benzene	42.4	77.9		ug/L	50.0	71%	71 - 137	2	23	6104113	NPJ2333-01	10/21/06 07:06
Ethylbenzene	2.18	54.4		ug/L	50.0	104%	72 - 139	0.2	23	6104113	NPJ2333-01	10/21/06 07:06
Methyl tert-Butyl Ether	33.6	73.7		ug/L	50.0	80%	55 - 152	0.9	27	6104113	NPJ2333-01	10/21/06 07:06
Toluene	12.3	59.5		ug/L	50.0	94%	73 - 133	3	25	6104113	NPJ2333-01	10/21/06 07:06
Xylenes, total	123	256		ug/L	150	89%	70 - 143	5	27	6104113	NPJ2333-01	10/21/06 07:06
Surrogate: 1,2-Dichloroethane-d4		54.9		ug/L	50.0	110%	70 - 130			6104113	NPJ2333-01	10/21/06 07:06
Surrogate: Dibromofluoromethane		52.4		ug/L	50.0	105%	79 - 122			6104113	NPJ2333-01	10/21/06 07:06
Surrogate: Toluene-d8		57.0		ug/L	50.0	114%	78 - 121			6104113	NPJ2333-01	10/21/06 07:06
Surrogate: 4-Bromofluorobenzene		53.9		ug/L	50.0	108%	78 - 126			6104113	NPJ2333-01	10/21/06 07:06
6104209-MSD1												
Benzene	ND	48.9		ug/L	50.0	98%	71 - 137	5	23	6104209	NPJ1922-01	10/19/06 22:06
Ethylbenzene	ND	61.5		ug/L	50.0	123%	72 - 139	9	23	6104209	NPJ1922-01	10/19/06 22:06
Methyl tert-Butyl Ether	2.02	53.4		ug/L	50.0	103%	55 - 152	2	27	6104209	NPJ1922-01	10/19/06 22:06
Toluene	ND	55.2		ug/L	50.0	110%	73 - 133	7	25	6104209	NPJ1922-01	10/19/06 22:06
Xylenes, total	ND	190		ug/L	150	127%	70 - 143	9	27	6104209	NPJ1922-01	10/19/06 22:06
Surrogate: 1,2-Dichloroethane-d4		55.6		ug/L	50.0	111%	70 - 130			6104209	NPJ1922-01	10/19/06 22:06
Surrogate: Dibromofluoromethane		52.2		ug/L	50.0	104%	79 - 122			6104209	NPJ1922-01	10/19/06 22:06
Surrogate: Toluene-d8		58.1		ug/L	50.0	116%	78 - 121			6104209	NPJ1922-01	10/19/06 22:06
Surrogate: 4-Bromofluorobenzene		53.0		ug/L	50.0	106%	78 - 126			6104209	NPJ1922-01	10/19/06 22:06
Purgeable Petroleum Hydrocarbons												
6104113-MSD1												
Gasoline Range Organics	ND	7460	M7	ug/L	3050	245%	60 - 140	1	40	6104113	NPJ2333-01	10/21/06 07:06
Surrogate: 1,2-Dichloroethane-d4		54.9		ug/L	50.0	110%	0 - 200			6104113	NPJ2333-01	10/21/06 07:06
Surrogate: Dibromofluoromethane		52.4		ug/L	50.0	105%	0 - 200			6104113	NPJ2333-01	10/21/06 07:06
Surrogate: Toluene-d8		57.0		ug/L	50.0	114%	0 - 200			6104113	NPJ2333-01	10/21/06 07:06
Surrogate: 4-Bromofluorobenzene		53.9		ug/L	50.0	108%	0 - 200			6104113	NPJ2333-01	10/21/06 07:06
6104209-MSD1												
Gasoline Range Organics	ND	3270		ug/L	3050	107%	60 - 140	1	40	6104209	NPJ1922-01	10/19/06 22:06
Surrogate: 1,2-Dichloroethane-d4		55.6		ug/L	50.0	111%	0 - 200			6104209	NPJ1922-01	10/19/06 22:06
Surrogate: Dibromofluoromethane		52.2		ug/L	50.0	104%	0 - 200			6104209	NPJ1922-01	10/19/06 22:06
Surrogate: Toluene-d8		58.1		ug/L	50.0	116%	0 - 200			6104209	NPJ1922-01	10/19/06 22:06
Surrogate: 4-Bromofluorobenzene		53.0		ug/L	50.0	106%	0 - 200			6104209	NPJ1922-01	10/19/06 22:06

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

TestAmerica
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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

NELAC CERTIFICATION SUMMARY

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

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

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPJ2081
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	10/17/06 08:10

DATA QUALIFIERS AND DEFINITIONS

M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
Z10	Surrogate outside laboratory historical limits but within method guidelines. No effect on data.
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.

METHOD MODIFICATION NOTES

ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC#

NPJ2081

Cooler Received/Opened On: 10/17/06@8:10

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1560

Fed-Ex

Temperature of representative sample or temperature blank when opened: 3.0 **Degrees Celsius**

(indicate IR Gun ID#)

102594

3. Were custody seals on outside of cooler?..... YES...NO...NA

   a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... _____

6. Were custody seals on containers: YES NO and Intact YES NO NA

   were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

    b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... _____

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

    b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

    If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... _____

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... _____

I certify that I attached a label with the unique LIMS number to each container (intial)..... _____

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☑ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

NAME OF PERSON TO BILL: Denis Brown

- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 0 8 8 2 5 0

PO #:

SAP or CRMT #:

DATE: 10-13-06

PAGE: 1 of 1

SAMPLING COMPANY	LOG CODE
Blaine Tech Services	BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE	FAX	E-MAIL
408-573-0555	408-573-7771	mninokata@blainetech.com

SITE ADDRESS: Street and City	State	GLOBAL ID NO
1230 14th St., Oakland	CA	T0600101691

EDF DELIVERABLE TO (Name, Company, Office Location)	PHONE NO	E-MAIL	CONSULTANT PROJECT NO
Ana Friel, Cambria, Eureka Office	(707) 268-3812	sonomaedf@cambria-env.com	BTS # 061013-SD-1

SAMPLER NAME(S) (Print): Dan Rompf

LAB USE ONLY

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

- ☐ EDD NOT NEEDED
- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMB RATE APPLIES
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

NPJ2081
10/31/06 23:59

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	TEMPERATURE ON RECEIPT C°
	MW-1	10-13	1235	H2O	3	X		X		X									01	
	MW-5		1200			X		X		X									2	
	VW-MW2		1135			X		X		X									3	
	VW-MW4		1110			X		X		X									4	
	MW-7		1045			X		X		X									5	
	MW-6		1025			X		X		X									6	
	VW-AS1		1330			X		X		X									7	

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Dan Rompf	(Sample custodian)	10-13-06	1510
		10/13/06	1713
JWENG (MH) 10/16/06 1500		10/13/06	1815
		10/17/06	8:10

05/02/06 Revision

Q&C Graphic (714) 895-9702

COURIER PICK-UP (CLIENT ADDRESS)

Date Requested:	09/15/05 8:10AM	**Delivery/Pickup Date:**	10/13/06 Anytime
Requested By:	Blaine Tech Services	**Client Contact:**	Mike Ninokata
Client Address:	Blaine Tech Services	**Client Phone#:**	x.202
	1680 Rogers Ave	**Created By:**	Lisa Race
	San Jose, CA 95112	**Project Manager:**	

Miscellaneous Items Requested:

Cooler(s):	Ice:	COC's:	Misc Items:
None	None	None	None

Comments:

Cross Streets/Driving Directions: None Supplied
Comments: No Comments

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

November 16, 2006

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Ana Friel

Work Order: NPK0901
Project Name: 1230 14th Street, Oakland, CA
Project Nbr: SAP 129403
P/O Nbr: 97088250
Date Received: 11/07/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPK0901-01	11/03/06 12:30
MW-2	NPK0901-02	11/03/06 10:40
MW-3	NPK0901-03	11/03/06 11:10
MW-4	NPK0901-04	11/03/06 11:26
MW-5	NPK0901-05	11/03/06 12:50
MW-6	NPK0901-06	11/03/06 09:45
MW-7	NPK0901-07	11/03/06 10:15
VW/MW-2	NPK0901-08	11/03/06 12:10
VW/MW-4	NPK0901-09	11/03/06 11:45
VW/AS-1	NPK0901-10	11/03/06 13:25
VW/AS-3	NPK0901-11	11/03/06 14:00

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.

California Certification Number: 01168CA

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

Report Approved By:

Jim Hatfield
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPK0901
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	11/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK0901-01RE1 (MW-1 - Water) Sampled: 11/03/06 12:30								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**8450**		ug/L	50.0	100	11/15/06 12:39	SW846 8260B	6113057
Ethylbenzene	**869**		ug/L	5.00	10	11/15/06 12:14	SW846 8260B	6113057
Methyl tert-Butyl Ether	**2.69**		ug/L	0.500	1	11/13/06 19:23	SW846 8260B	6112318
Toluene	**592**		ug/L	5.00	10	11/15/06 12:14	SW846 8260B	6113057
Xylenes, total	**1970**		ug/L	5.00	10	11/15/06 12:14	SW846 8260B	6113057
Surr: 1,2-Dichloroethane-d4 (62-142%)	*77 %*					*11/13/06 19:23*	*SW846 8260B*	*6112318*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*92 %*					*11/15/06 12:14*	*SW846 8260B*	*6113057*
Surr: Dibromofluoromethane (78-123%)	*79 %*					*11/13/06 19:23*	*SW846 8260B*	*6112318*
Surr: Dibromofluoromethane (78-123%)	*96 %*					*11/15/06 12:14*	*SW846 8260B*	*6113057*
Surr: Toluene-d8 (79-120%)	*78 %*	*Z10*				*11/13/06 19:23*	*SW846 8260B*	*6112318*
Surr: Toluene-d8 (79-120%)	*91 %*					*11/15/06 12:14*	*SW846 8260B*	*6113057*
Surr: 4-Bromofluorobenzene (75-133%)	*110 %*					*11/13/06 19:23*	*SW846 8260B*	*6112318*
Surr: 4-Bromofluorobenzene (75-133%)	*104 %*					*11/15/06 12:14*	*SW846 8260B*	*6113057*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**42600**		ug/L	500	10	11/15/06 12:14	CA LUFT GC/MS	6113057
Sample ID: NPK0901-02 (MW-2 - Water) Sampled: 11/03/06 10:40								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	11/15/06 10:08	SW846 8260B	6113057
Ethylbenzene	ND		ug/L	0.500	1	11/15/06 10:08	SW846 8260B	6113057
Methyl tert-Butyl Ether	**3.08**		ug/L	0.500	1	11/15/06 10:08	SW846 8260B	6113057
Toluene	ND		ug/L	0.500	1	11/15/06 10:08	SW846 8260B	6113057
Xylenes, total	ND		ug/L	0.500	1	11/15/06 10:08	SW846 8260B	6113057
Surr: 1,2-Dichloroethane-d4 (62-142%)	*91 %*					*11/15/06 10:08*	*SW846 8260B*	*6113057*
Surr: Dibromofluoromethane (78-123%)	*108 %*					*11/15/06 10:08*	*SW846 8260B*	*6113057*
Surr: Toluene-d8 (79-120%)	*92 %*					*11/15/06 10:08*	*SW846 8260B*	*6113057*
Surr: 4-Bromofluorobenzene (75-133%)	*97 %*					*11/15/06 10:08*	*SW846 8260B*	*6113057*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	11/15/06 10:08	CA LUFT GC/MS	6113057
Sample ID: NPK0901-03 (MW-3 - Water) Sampled: 11/03/06 11:10								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	11/13/06 22:27	SW846 8260B	6112318
Ethylbenzene	ND		ug/L	0.500	1	11/13/06 22:27	SW846 8260B	6112318
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	11/13/06 22:27	SW846 8260B	6112318
Toluene	ND		ug/L	0.500	1	11/13/06 22:27	SW846 8260B	6112318
Xylenes, total	ND		ug/L	0.500	1	11/13/06 22:27	SW846 8260B	6112318
Surr: 1,2-Dichloroethane-d4 (62-142%)	*95 %*					*11/13/06 22:27*	*SW846 8260B*	*6112318*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*11/13/06 22:27*	*SW846 8260B*	*6112318*
Surr: Toluene-d8 (79-120%)	*87 %*					*11/13/06 22:27*	*SW846 8260B*	*6112318*
Surr: 4-Bromofluorobenzene (75-133%)	*114 %*					*11/13/06 22:27*	*SW846 8260B*	*6112318*
Purgeable Petroleum Hydrocarbons								

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPK0901
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	11/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK0901-03 (MW-3 - Water) - cont. Sampled: 11/03/06 11:10								
Purgeable Petroleum Hydrocarbons - cont.								
Gasoline Range Organics	ND		ug/L	50.0	1	11/13/06 22:27	CA LUFT GC/MS	6112318
Sample ID: NPK0901-04 (MW-4 - Water) Sampled: 11/03/06 11:26								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	11/13/06 22:52	SW846 8260B	6112318
Ethylbenzene	ND		ug/L	0.500	1	11/13/06 22:52	SW846 8260B	6112318
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	11/13/06 22:52	SW846 8260B	6112318
Toluene	ND		ug/L	0.500	1	11/13/06 22:52	SW846 8260B	6112318
Xylenes, total	ND		ug/L	0.500	1	11/13/06 22:52	SW846 8260B	6112318
Surr: 1,2-Dichloroethane-d4 (62-142%)	*98 %*					*11/13/06 22:52*	*SW846 8260B*	*6112318*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*11/13/06 22:52*	*SW846 8260B*	*6112318*
Surr: Toluene-d8 (79-120%)	*94 %*					*11/13/06 22:52*	*SW846 8260B*	*6112318*
Surr: 4-Bromofluorobenzene (75-133%)	*103 %*					*11/13/06 22:52*	*SW846 8260B*	*6112318*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	11/13/06 22:52	CA LUFT GC/MS	6112318
Sample ID: NPK0901-05RE1 (MW-5 - Water) Sampled: 11/03/06 12:50								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**11300**		ug/L	50.0	100	11/15/06 13:29	SW846 8260B	6113057
Ethylbenzene	**1250**		ug/L	5.00	10	11/15/06 13:04	SW846 8260B	6113057
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	11/13/06 23:16	SW846 8260B	6112318
Toluene	**1730**		ug/L	5.00	10	11/15/06 13:04	SW846 8260B	6113057
Xylenes, total	**3840**		ug/L	5.00	10	11/15/06 13:04	SW846 8260B	6113057
Surr: 1,2-Dichloroethane-d4 (62-142%)	*63 %*					*11/13/06 23:16*	*SW846 8260B*	*6112318*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*89 %*					*11/15/06 13:04*	*SW846 8260B*	*6113057*
Surr: Dibromofluoromethane (78-123%)	*86 %*					*11/13/06 23:16*	*SW846 8260B*	*6112318*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*11/15/06 13:04*	*SW846 8260B*	*6113057*
Surr: Toluene-d8 (79-120%)	*75 %*	*Z10*				*11/13/06 23:16*	*SW846 8260B*	*6112318*
Surr: Toluene-d8 (79-120%)	*94 %*					*11/15/06 13:04*	*SW846 8260B*	*6113057*
Surr: 4-Bromofluorobenzene (75-133%)	*108 %*					*11/13/06 23:16*	*SW846 8260B*	*6112318*
Surr: 4-Bromofluorobenzene (75-133%)	*97 %*					*11/15/06 13:04*	*SW846 8260B*	*6113057*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**50600**		ug/L	500	10	11/15/06 13:04	CA LUFT GC/MS	6113057
Sample ID: NPK0901-06 (MW-6 - Water) Sampled: 11/03/06 09:45								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**10.6**		ug/L	0.500	1	11/15/06 10:33	SW846 8260B	6113057
Ethylbenzene	ND		ug/L	0.500	1	11/15/06 10:33	SW846 8260B	6113057
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	11/15/06 10:33	SW846 8260B	6113057
Toluene	ND		ug/L	0.500	1	11/15/06 10:33	SW846 8260B	6113057
Xylenes, total	ND		ug/L	0.500	1	11/15/06 10:33	SW846 8260B	6113057
Surr: 1,2-Dichloroethane-d4 (62-142%)	*92 %*					*11/15/06 10:33*	*SW846 8260B*	*6113057*
Surr: Dibromofluoromethane (78-123%)	*105 %*					*11/15/06 10:33*	*SW846 8260B*	*6113057*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPK0901
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	11/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK0901-06 (MW-6 - Water) - cont. Sampled: 11/03/06 09:45								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: Toluene-d8 (79-120%)	*90 %*					*11/15/06 10:33*	*SW846 8260B*	*6113057*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*11/15/06 10:33*	*SW846 8260B*	*6113057*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**112**		ug/L	50.0	1	11/15/06 10:33	CA LUFT GC/MS	6113057
Sample ID: NPK0901-07 (MW-7 - Water) Sampled: 11/03/06 10:15								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**501**		ug/L	5.00	10	11/15/06 11:48	SW846 8260B	6113057
Ethylbenzene	ND		ug/L	0.500	1	11/15/06 11:23	SW846 8260B	6113057
Methyl tert-Butyl Ether	**0.560**		ug/L	0.500	1	11/15/06 11:23	SW846 8260B	6113057
Toluene	ND		ug/L	0.500	1	11/15/06 11:23	SW846 8260B	6113057
Xylenes, total	**5.38**		ug/L	0.500	1	11/15/06 11:23	SW846 8260B	6113057
Surr: 1,2-Dichloroethane-d4 (62-142%)	*89 %*					*11/15/06 11:23*	*SW846 8260B*	*6113057*
Surr: Dibromofluoromethane (78-123%)	*107 %*					*11/15/06 11:23*	*SW846 8260B*	*6113057*
Surr: Toluene-d8 (79-120%)	*92 %*					*11/15/06 11:23*	*SW846 8260B*	*6113057*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*11/15/06 11:23*	*SW846 8260B*	*6113057*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**3190**		ug/L	50.0	1	11/15/06 11:23	CA LUFT GC/MS	6113057
Sample ID: NPK0901-08RE1 (VW/MW-2 - Water) Sampled: 11/03/06 12:10								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**655**		ug/L	5.00	10	11/15/06 13:54	SW846 8260B	6113057
Ethylbenzene	**366**		ug/L	5.00	10	11/15/06 13:54	SW846 8260B	6113057
Methyl tert-Butyl Ether	**4.15**		ug/L	0.500	1	11/14/06 00:29	SW846 8260B	6112318
Toluene	**233**		ug/L	5.00	10	11/15/06 13:54	SW846 8260B	6113057
Xylenes, total	**729**		ug/L	5.00	10	11/15/06 13:54	SW846 8260B	6113057
Surr: 1,2-Dichloroethane-d4 (62-142%)	*96 %*					*11/14/06 00:29*	*SW846 8260B*	*6112318*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*90 %*					*11/15/06 13:54*	*SW846 8260B*	*6113057*
Surr: Dibromofluoromethane (78-123%)	*93 %*					*11/14/06 00:29*	*SW846 8260B*	*6112318*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*11/15/06 13:54*	*SW846 8260B*	*6113057*
Surr: Toluene-d8 (79-120%)	*82 %*					*11/14/06 00:29*	*SW846 8260B*	*6112318*
Surr: Toluene-d8 (79-120%)	*91 %*					*11/15/06 13:54*	*SW846 8260B*	*6113057*
Surr: 4-Bromofluorobenzene (75-133%)	*110 %*					*11/14/06 00:29*	*SW846 8260B*	*6112318*
Surr: 4-Bromofluorobenzene (75-133%)	*96 %*					*11/15/06 13:54*	*SW846 8260B*	*6113057*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**9300**		ug/L	500	10	11/15/06 13:54	CA LUFT GC/MS	6113057

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

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Ana Friel

Work Order: NPK0901
Project Name: 1230 14th Street, Oakland, CA
Project Number: SAP 129403
Received: 11/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK0901-09RE1 (VW/MW-4 - Water) Sampled: 11/03/06 11:45								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**212**		ug/L	2.50	5	11/15/06 14:19	SW846 8260B	6113057
Ethylbenzene	**87.8**		ug/L	0.500	1	11/14/06 00:54	SW846 8260B	6112318
Methyl tert-Butyl Ether	**5.11**		ug/L	0.500	1	11/14/06 00:54	SW846 8260B	6112318
Toluene	**9.14**		ug/L	0.500	1	11/14/06 00:54	SW846 8260B	6112318
Xylenes, total	**52.8**		ug/L	0.500	1	11/14/06 00:54	SW846 8260B	6112318
Surr: 1,2-Dichloroethane-d4 (62-142%)	*100 %*					*11/14/06 00:54*	*SW846 8260B*	*6112318*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*84 %*					*11/15/06 14:19*	*SW846 8260B*	*6113057*
Surr: Dibromofluoromethane (78-123%)	*100 %*					*11/14/06 00:54*	*SW846 8260B*	*6112318*
Surr: Dibromofluoromethane (78-123%)	*100 %*					*11/15/06 14:19*	*SW846 8260B*	*6113057*
Surr: Toluene-d8 (79-120%)	*81 %*					*11/14/06 00:54*	*SW846 8260B*	*6112318*
Surr: Toluene-d8 (79-120%)	*91 %*					*11/15/06 14:19*	*SW846 8260B*	*6113057*
Surr: 4-Bromofluorobenzene (75-133%)	*110 %*					*11/14/06 00:54*	*SW846 8260B*	*6112318*
Surr: 4-Bromofluorobenzene (75-133%)	*100 %*					*11/15/06 14:19*	*SW846 8260B*	*6113057*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**3530**		ug/L	50.0	1	11/14/06 00:54	CA LUFT GC/MS	6112318
Sample ID: NPK0901-10RE1 (VW/AS-1 - Water) Sampled: 11/03/06 13:25								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**8290**		ug/L	25.0	50	11/15/06 14:44	SW846 8260B	6113057
Ethylbenzene	**2760**		ug/L	25.0	50	11/15/06 14:44	SW846 8260B	6113057
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	11/14/06 01:18	SW846 8260B	6112318
Toluene	**5670**		ug/L	25.0	50	11/15/06 14:44	SW846 8260B	6113057
Xylenes, total	**12100**		ug/L	25.0	50	11/15/06 14:44	SW846 8260B	6113057
Surr: 1,2-Dichloroethane-d4 (62-142%)	*70 %*					*11/14/06 01:18*	*SW846 8260B*	*6112318*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*86 %*					*11/15/06 14:44*	*SW846 8260B*	*6113057*
Surr: Dibromofluoromethane (78-123%)	*66 %*	*ZX*				*11/14/06 01:18*	*SW846 8260B*	*6112318*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*11/15/06 14:44*	*SW846 8260B*	*6113057*
Surr: Toluene-d8 (79-120%)	*74 %*	*Z10*				*11/14/06 01:18*	*SW846 8260B*	*6112318*
Surr: Toluene-d8 (79-120%)	*91 %*					*11/15/06 14:44*	*SW846 8260B*	*6113057*
Surr: 4-Bromofluorobenzene (75-133%)	*116 %*					*11/14/06 01:18*	*SW846 8260B*	*6112318*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*11/15/06 14:44*	*SW846 8260B*	*6113057*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**112000**		ug/L	2500	50	11/15/06 14:44	CA LUFT GC/MS	6113057
Sample ID: NPK0901-11 (VW/AS-3 - Water) Sampled: 11/03/06 14:00								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**83.6**	pH	ug/L	0.500	1	11/15/06 10:58	SW846 8260B	6113057
Ethylbenzene	**2.34**	pH	ug/L	0.500	1	11/15/06 10:58	SW846 8260B	6113057
Methyl tert-Butyl Ether	**3.47**	ID2, pH	ug/L	0.500	1	11/15/06 10:58	SW846 8260B	6113057
Toluene	**5.17**	pH	ug/L	0.500	1	11/15/06 10:58	SW846 8260B	6113057
Xylenes, total	**13.5**	pH	ug/L	0.500	1	11/15/06 10:58	SW846 8260B	6113057
Surr: 1,2-Dichloroethane-d4 (62-142%)	*91 %*					*11/15/06 10:58*	*SW846 8260B*	*6113057*
Surr: Dibromofluoromethane (78-123%)	*105 %*					*11/15/06 10:58*	*SW846 8260B*	*6113057*

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPK0901
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	11/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPK0901-11 (VW/AS-3 - Water) - cont. Sampled: 11/03/06 14:00								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: Toluene-d8 (79-120%)	*94 %*					*11/15/06 10:58*	*SW846 8260B*	*6113057*
Surr: 4-Bromofluorobenzene (75-133%)	*103 %*					*11/15/06 10:58*	*SW846 8260B*	*6113057*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**346**	pH	ug/L	50.0	1	11/15/06 10:58	CA LUFT GC/MS	6113057

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	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	11/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
6112318-BLK1						
Benzene	<0.170		ug/L	6112318	6112318-BLK1	11/13/06 18:59
Ethylbenzene	<0.230		ug/L	6112318	6112318-BLK1	11/13/06 18:59
Methyl tert-Butyl Ether	<0.190		ug/L	6112318	6112318-BLK1	11/13/06 18:59
Toluene	<0.220		ug/L	6112318	6112318-BLK1	11/13/06 18:59
Xylenes, total	<0.320		ug/L	6112318	6112318-BLK1	11/13/06 18:59
Surrogate: 1,2-Dichloroethane-d4	101%			6112318	6112318-BLK1	11/13/06 18:59
Surrogate: Dibromofluoromethane	106%			6112318	6112318-BLK1	11/13/06 18:59
Surrogate: Toluene-d8	85%			6112318	6112318-BLK1	11/13/06 18:59
Surrogate: 4-Bromofluorobenzene	116%			6112318	6112318-BLK1	11/13/06 18:59
6113057-BLK1						
Benzene	<0.170		ug/L	6113057	6113057-BLK1	11/15/06 08:52
Ethylbenzene	<0.230		ug/L	6113057	6113057-BLK1	11/15/06 08:52
Methyl tert-Butyl Ether	<0.190		ug/L	6113057	6113057-BLK1	11/15/06 08:52
Toluene	<0.220		ug/L	6113057	6113057-BLK1	11/15/06 08:52
Xylenes, total	<0.320		ug/L	6113057	6113057-BLK1	11/15/06 08:52
Surrogate: 1,2-Dichloroethane-d4	89%			6113057	6113057-BLK1	11/15/06 08:52
Surrogate: Dibromofluoromethane	105%			6113057	6113057-BLK1	11/15/06 08:52
Surrogate: Toluene-d8	93%			6113057	6113057-BLK1	11/15/06 08:52
Surrogate: 4-Bromofluorobenzene	103%			6113057	6113057-BLK1	11/15/06 08:52
Purgeable Petroleum Hydrocarbons						
6112318-BLK1						
Gasoline Range Organics	<50.0		ug/L	6112318	6112318-BLK1	11/13/06 18:59
Surrogate: 1,2-Dichloroethane-d4	101%			6112318	6112318-BLK1	11/13/06 18:59
Surrogate: Dibromofluoromethane	106%			6112318	6112318-BLK1	11/13/06 18:59
Surrogate: Toluene-d8	85%			6112318	6112318-BLK1	11/13/06 18:59
Surrogate: 4-Bromofluorobenzene	116%			6112318	6112318-BLK1	11/13/06 18:59
6113057-BLK1						
Gasoline Range Organics	<50.0		ug/L	6113057	6113057-BLK1	11/15/06 08:52
Surrogate: 1,2-Dichloroethane-d4	89%			6113057	6113057-BLK1	11/15/06 08:52
Surrogate: Dibromofluoromethane	105%			6113057	6113057-BLK1	11/15/06 08:52
Surrogate: Toluene-d8	93%			6113057	6113057-BLK1	11/15/06 08:52
Surrogate: 4-Bromofluorobenzene	103%			6113057	6113057-BLK1	11/15/06 08:52

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPK0901
	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	11/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
6112318-BS1								
Benzene	50.0	48.0		ug/L	96%	79 - 123	6112318	11/13/06 17:46
Ethylbenzene	50.0	45.3		ug/L	91%	83 - 125	6112318	11/13/06 17:46
Methyl tert-Butyl Ether	50.0	50.3		ug/L	101%	64 - 129	6112318	11/13/06 17:46
Toluene	50.0	41.6		ug/L	83%	77 - 126	6112318	11/13/06 17:46
Xylenes, total	150	141		ug/L	94%	78 - 130	6112318	11/13/06 17:46
Surrogate: 1,2-Dichloroethane-d4	50.0	53.6			107%	62 - 142	6112318	11/13/06 17:46
Surrogate: Dibromofluoromethane	50.0	53.3			107%	78 - 123	6112318	11/13/06 17:46
Surrogate: Toluene-d8	50.0	41.1			82%	79 - 120	6112318	11/13/06 17:46
Surrogate: 4-Bromofluorobenzene	50.0	53.4			107%	75 - 133	6112318	11/13/06 17:46
6113057-BS1								
Benzene	50.0	58.3		ug/L	117%	79 - 123	6113057	11/15/06 08:02
Ethylbenzene	50.0	49.9		ug/L	100%	83 - 125	6113057	11/15/06 08:02
Methyl tert-Butyl Ether	50.0	53.7		ug/L	107%	64 - 129	6113057	11/15/06 08:02
Toluene	50.0	51.1		ug/L	102%	77 - 126	6113057	11/15/06 08:02
Xylenes, total	150	154		ug/L	103%	78 - 130	6113057	11/15/06 08:02
Surrogate: 1,2-Dichloroethane-d4	50.0	42.9			86%	62 - 142	6113057	11/15/06 08:02
Surrogate: Dibromofluoromethane	50.0	50.1			100%	78 - 123	6113057	11/15/06 08:02
Surrogate: Toluene-d8	50.0	46.1			92%	79 - 120	6113057	11/15/06 08:02
Surrogate: 4-Bromofluorobenzene	50.0	45.8			92%	75 - 133	6113057	11/15/06 08:02
Purgeable Petroleum Hydrocarbons								
6112318-BS1								
Gasoline Range Organics	3050	3060		ug/L	100%	67 - 130	6112318	11/13/06 17:46
Surrogate: 1,2-Dichloroethane-d4	50.0	53.6			107%	70 - 130	6112318	11/13/06 17:46
Surrogate: Dibromofluoromethane	50.0	53.3			107%	70 - 130	6112318	11/13/06 17:46
Surrogate: Toluene-d8	50.0	41.1			82%	70 - 130	6112318	11/13/06 17:46
Surrogate: 4-Bromofluorobenzene	50.0	53.4			107%	70 - 130	6112318	11/13/06 17:46
6113057-BS1								
Gasoline Range Organics	3050	2430		ug/L	80%	67 - 130	6113057	11/15/06 08:02
Surrogate: 1,2-Dichloroethane-d4	50.0	42.9			86%	70 - 130	6113057	11/15/06 08:02
Surrogate: Dibromofluoromethane	50.0	50.1			100%	70 - 130	6113057	11/15/06 08:02
Surrogate: Toluene-d8	50.0	46.1			92%	70 - 130	6113057	11/15/06 08:02
Surrogate: 4-Bromofluorobenzene	50.0	45.8			92%	70 - 130	6113057	11/15/06 08:02

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	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	11/07/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

TestAmerica
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	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	11/07/06 08:00

NELAC CERTIFICATION SUMMARY

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

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

TestAmerica
ANALYTICAL TESTING CORPORATION
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	270 Perkins Street	Project Name:	1230 14th Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 129403
Attn	Ana Friel	Received:	11/07/06 08:00

DATA QUALIFIERS AND DEFINITIONS

ID2	Secondary ion abundances were outside method requirements. Identification based on analytical judgement.
pH	pH >2
Z10	Surrogate outside laboratory historical limits but within method guidelines. No effect on data.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPK0901

Cooler Received/Opened On: 11/7/06@8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0639

Fed-Ex

Temperature of representative sample or temperature blank when opened: 2.2 **Degrees Celsius**

(indicate IR Gun ID#)

594

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... _____

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... _____

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... _____

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... _____

I certify that I attached a label with the unique LIMS number to each container (intial)..... _____

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☑ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other ________

NAME OF PERSON TO BILL: Denis Brown

- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 0 8 8 2 5 0

PO #

SAP or CRMT #

DATE 11-3-06

PAGE 1 of 2

SAMPLING COMPANY	Blaine Tech Services
LOG CODE	BTSS
ADDRESS	1680 Rogers Avenue, San Jose, CA 95112
PROJECT CONTACT (Hardcopy or PDF Report to)	Michael Ninokata
TELEPHONE	408-573-0555
FAX	408-573-7771
E-MAIL	mninokata@blainetech.com
SITE ADDRESS: Street and City	1230 14th St., Oakland
State	CA
GLOBAL ID NO	T0600101691
EDF DELIVERABLE TO (Name, Company, Office Location)	Ana Friel, Cambria, Eureka Office
PHONE NO	(707) 268-3812
E-MAIL	sonomaedf@cambria-env.com
CONSULTANT PROJECT NO	BTS # 061103-JD-1
SAMPLER NAME(S) (Print)	Dan Rompf
LAB USE ONLY	

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ________

SPECIAL INSTRUCTIONS OR NOTES:
- ☐ EDD NOT NEEDED
- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMB RATE APPLIES
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

NPK0901
11/21/06 23:59

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)							FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-1	11-3-06	1230	H_2O	3	X		X		X													01		
	MW-2	↓	1040	↓	3	X		X		X													2		
	MW-3		1110		3	X		X		X													3		
	MW-4		1126		3	X		X		X													4		
	MW-5		1250		3	X		X		X													5		
	MW-6		0945		3	X		X		X													6		
	MW-7		1015		3	X		X		X													7		
	VW/MW-2		1210		3	X		X		X													8		
	VW/MW-4		1145		3	X		X		X													9		
	VW/AS-1		1325		3	X		X		X													10	8:W	

TEMPERATURE ON RECEIPT °C

11/7/06

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	[signature] (sample custodian)	11-3-06	1600
[signature]	[signature]	11/3/06	1635
[signature]	[signature]	11/3/06	1740

shawn 1545 11/8/06

05/02/06 Revision

O&G Graphic 714 898 9702

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☑ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other______

NAME OF PERSON TO BILL: Denis Brown

- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT
- ☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 0 8 8 2 5 0

PO #

SAP or CRMT #

DATE 11-3-06

PAGE 2 of 2

SAMPLING COMPANY	LOG CODE	SITE ADDRESS: Street and City	State	GLOBAL ID NO
Blaine Tech Services	BTSS	1230 14th St., Oakland	CA	T0600101691

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE: 408-573-0555 FAX: 408-573-7771 E-MAIL: mninokata@blainetech.com

EDF DELIVERABLE TO (Name, Company, Office Location): Ana Friel, Cambria, Eureka Office

PHONE NO: (707) 268-3812

E-MAIL: sonomaedf@cambria-env.com

CONSULTANT PROJECT NO: BTS # 061103-JD-1

SAMPLER NAME(S) (Print): Dan Rompf

LAB USE ONLY

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS)
- ☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND
- ☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ______

SPECIAL INSTRUCTIONS OR NOTES:
- ☐ EDD NOT NEEDED
- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMB RATE APPLIES
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)									TEMPERATURE ON RECEIPT C°
	VW-AS-3	11-3-06	1400	H_2O	3	X		X		X															11	

11/7/06 SW

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	[signature] (sample custodian)	11-3-06	1600
[signature]	[signature]	11/3/06	1635
[signature]	[signature]	11/3/06	1740

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: SHELL / BLAINE
REC. BY (PRINT): EH
WORKORDER:

DATE REC'D AT LAB: 11/3/06
TIME REC'D AT LAB: 1740
DATE LOGGED IN:

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Intact / Broken*	93088250							
2. Chain-of-Custody	Present / Absent*								
3. Traffic Reports or Packing List:	Present / Absent								
4. Airbill:	Airbill / Sticker Present / Absent								
5. Airbill #:									
6. Sample Labels:	Present / Absent								
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody								
8. Sample Condition:	Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No*								
10. Sample received within hold time?	Yes / No*								
11. Adequate sample volume received?	Yes / No*								
12. Proper preservatives used?	Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / No*								
14. Read Temp:	3.2°C								
Corrected Temp:	4.2°C								
Is corrected temp 4 +/-2°C?	Yes / No**								

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): METALS / DFF ON ICE or Problem COC

SEE C.O.C

11/3/06 EH

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 8
Replaces Rev 7 (07/19/05)
Effective 09/13/06

SHELL WELLHEAD INSPECTION CHECKLIST

Client Shell Date 11-3-06

Site Address 1230 14th St., Oakland

Job Number 061103-SD-1 Technician Dan R.

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	WELL TAG IS PRESENT, SECURE, AND CORRECT	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1										
MW-2										
MW-3										
MW-4										
MW-5										
MW-6										
MW-7										
VW/MW-2										
VW/MW-4										
VW/AS-1										
VW/AS-3										

NOTES:

SHELL WELLHEAD INSPECTION CHECKLIST

Client Shell - Cambria Sonoma Date 10-13-06

Site Address 1230 14th street, Oakland

Job Number 061013-JD-1 Technician J.D.

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	WELL TAG IS PRESENT, SECURE, AND CORRECT	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	X	X	X	X						
MW-5	X	X	X	X						
MW-6	X	X	X	X						
MW-7	X	X	X	X						
VW/MW-2	X	X	X	X						
VW/MW-4	X	X	X	X						
VW/AS-1	X	X	X	X						

NOTES: All well boxes in good shape. JD

Repair Data Sheet

Client Shell

Page 1 of 1

Site Address 1230 14th Street, Oakland

Date 10-2-06

Job Number 061002AA1

Technician Andrew Adinolfi

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed
MW-1							X													
Notes: 1 of 2 stripped tabs retap/heli																				X
w/ MW-4						X														
Notes: 1 of 2 stripped tabs retap/heli																				X
Notes:																				
Notes:																				
Notes:																				
Notes:																				

WELLHEAD INSPECTION CHECKLIST

Client 97088250 Date 9/29/06

Site Address 1230 14th St. Oakland CA

Job Number 060929-DR1 Technician DR

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	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
MW-1								X		
MW-2	X									
MW-3	X									
MW-4	X									
MW-5	X									
MW-6	X									
MW-7	X									
UW/MW-2	X									
UW/MW-4	X									
UW/AS-1	X									
UW/AS-3	X									

NOTES: MW-1 - 1 bolt.

WELL GAUGING DATA

Project # 061103-SD-1 Date 11-3-06 Client Shell

Site 1230 14th. St, Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	ORDER Notes
MW-1	0910	2					12.47	21.27		9
MW-2	0830	2					11.62	21.96		
MW-3	0835	2					11.91	19.62		
MW-4	0840	2					11.81	19.95		
MW-5	0915	4					12.31	19.83		10
MW-6	0845	4					12.77	19.71		
MW-7	0855	4					13.75	19.76		6
VW-MW2	0905	2					12.12	22.00		8
VW-MW-4	0900	2					11.87	18.39		7
VW/AS-1	0920	1					12.21	14.50		11
VW/AS-3	0850	1					12.28	14.80		

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 14th St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 21.27	Depth to Water (DTW): 12.47
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.23	

Purge Method: Bailer; Disposable Bailer; Positive (Air) Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

1.4 (Gals.) X	3	=	4.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1218	68.3	6.6	1413	71,000	1.4	Grey, murky
1221	67.2	6.7	1397	411	2.8	
1224	66.7	6.7	1390	148	4.2	

Did well dewater? Yes (NO) Gallons actually evacuated: 4.2

Sampling Date: 11-3-06 Sampling Time: 1230 Depth to Water: 13.17

Sample I.D.: MW-1 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	2.60 mg/L	Post-purge:	1.15	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 14th St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 21.96	Depth to Water (DTW): 11.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.68	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.7 (Gals.) X	3	=	5.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1025	70.0	7.01	747	71,000	1.7	murky
1028	69.7	6.8	731	640	3.4	
1031	68.9	6.7	707	464	5.1	more clear

Did well dewater? Yes (No)		Gallons actually evacuated: 5.1	
Sampling Date: 11-3-06	Sampling Time: 1040	Depth to Water: 13.01	
Sample I.D.: MW-2		Laboratory: STL (Other) TA	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd): Pre-purge:	0.44 mg/L	Post-purge:	0.40 mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 14th St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.62	Depth to Water (DTW): 11.91
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.45	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.2 (Gals.) X	3	=	3.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1055	69.5	6.6	817	734	1.2	Brown
1059	69.1	6.9	822	696	2.4	Brown
1103	69.2	7.0	826	637	3.6	—

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Date: 11-3-06 Sampling Time: 1110 Depth to Water: 12.41

Sample I.D.: MW-3 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	7.0 mg/L	Post-purge:	6.8	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 14th St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: MW-4	Well Diameter: (2) 3 (4) 6 8 ____
Total Well Depth (TD): 19.85	Depth to Water (DTW): 11.81
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.41	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.3 (Gals.) X 3 = 3.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1115	69.6	7.6	310	71,000	1.3	
1118	70.1	6.7	246	637	2.6	
1121	70.5	6.4	221	462	3.9	

Did well dewater? Yes (No) Gallons actually evacuated: 3.9

Sampling Date: 11-3-06 Sampling Time: 1126 Depth to Water: 12.31

Sample I.D.: MW-4 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	3.30 mg/L	Post-purge:	2.40 mg/L	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV	

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 14th St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.83	Depth to Water (DTW): 12.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.81	

Purge Method: Bailer / Disposable Bailer / (Positive Air Displacement) / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other ____

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other ____

Best casing... 3" pump would almost get stuck.

4.9 (Gals.) X 3 = 14.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1241	68.0	6.7	1460	183	4.9	strong fuel odor
1242	68.1	6.7	1392	66	9.8	
1243	67.0	6.8	1320	88	14.7	
	Drawing down					

Did well dewater? Yes (No) Gallons actually evacuated: 14.7

Sampling Date: 11-3-06 Sampling Time: 1250 Depth to Water: 13.77

Sample I.D.: MW-5 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	0.60 mg/L	Post-purge:	4.10 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 14th St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.71	Depth to Water (DTW): 12.77
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.20	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other ___

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ___

4.5 (Gals.) X	3	= 13.5 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0940	65.6	6.3	787	84	4.5	odor
0941	65.6	6.1	574	84	9.0	clear
0942	65.6	6.1	574	83	13.5	

Did well dewater? Yes (No) Gallons actually evacuated: 13.5

Sampling Date: 11-3-06 Sampling Time: 0945 Depth to Water: 13.22

Sample I.D.: MW-6 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	3.80 mg/L	Post-purge:	1.10 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 14th St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.76	Depth to Water (DTW): 13.73
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.11	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

3.9 (Gals.) X 3 = 11.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1010	65.0	6.7	718	154	3.9	
1011	65.7	6.7	701	129	7.8	
1012	66.3	6.7	702	57	11.7	

Did well dewater? Yes (No) Gallons actually evacuated: 11.7

Sampling Date: 11-3-06 Sampling Time: 1015 Depth to Water: 14.17

Sample I.D.: MW-7 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	2.2 mg/L	Post-purge:	1.4	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 14th St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: VW/AS-1	Well Diameter: (2) 3 4 6 8 4"
Total Well Depth (TD): 14.50	Depth to Water (DTW): 12.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, (Extraction Pump), Other: NO PURGE DUE TO CASING DAMAGE.

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

(Gals.) X 3 = Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1325	70.6	7.0	1052	71,000	(5)	dark grey/black

Did well dewater? ~~Yes~~ ~~No~~ Gallons actually evacuated: —

Sampling Date: 11-3-06 Sampling Time: 1325 Depth to Water: 12.21

Sample I.D.: VW/AS-1 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other: No Purge

D.O. (if req'd):	Pre-purge:	0.90 mg/L	Post-purge:	—	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 Mth St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: VW/AS-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 14.80	Depth to Water (DTW): 12.29
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

.1 (1" well) .3

~~1.50~~ (Gals.) X 3 = ~~1.05~~ 1.05 Gals.

1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1340	69.5	6.9	1159	71,000	.70	Very silty/Dark Grey
1350	69.5	6.9	1174	71,000	.70	
1359	67.8	7.1	1135	71,000	.70	

Did well dewater? Yes (No) Gallons actually evacuated: 1.05

Sampling Date: 11-3-06 Sampling Time: 1406 Depth to Water:

Sample I.D.: VW/AS-3 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	1.10 mg/L	Post-purge:	0.80 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 Myth St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: VW-MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 22.00	Depth to Water (DTW): 12.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.10	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.6 (Gals.) X	3	=	4.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1155	69.2	6.9	931	71,000	1.6	Strong fuel odor
1159	69.1	6.7	866	657	3.2	brown water
1203	69.0	[illegible]	857	217	4.8	more clear
		6.8 70				

Did well dewater? Yes (No) Gallons actually evacuated: 4.8

Sampling Date: 11-3-06 Sampling Time: 1210 Depth to Water: 12.99

Sample I.D.: VW-MW-2 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	2.0 mg/L	Post-purge:	1.05 mg/L	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV	

SHELL WELL MONITORING DATA SHEET

BTS #: 061103-JD-1	Site: 1230 14th St., Oakland Shell
Sampler: J.D.	Date: 11-3-06
Well I.D.: VW-MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 18.39	Depth to Water (DTW): 11.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.17	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement (Air), Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

1 Case Volume	Specified Volumes	Calculated Volume
1.0 (Gals.) X	3 =	3 Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1130	68.7	6.5	980	71,000	1.0	strong fuel odor
1132	68.9	6.6	1020	533	2.0	
1134	69.0	6.8	1030	206	3.0	

Did well dewater? Yes (No) Gallons actually evacuated: 3.0

Sampling Date: 11-3-06 Sampling Time: 1145 Depth to Water: 12.45

Sample I.D.: VW-MW-4 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	2.60 mg/L	Post-purge:	4.0 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL GAUGING DATA

Project # 061013-SD-1 Date 10-13-06 Client SD

Site 1230 14th St., Oakland CA.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	ORDER Notes
MW-1	0913	2	Y				12.08	21.08		6
MW-5	0907	4	Y				12.01	19.75		5
MW-6	0845	4	N				12.38	19.60		1
MW-7	0850	4	N				12.85	20.00		2
VW/MW2	0901	2	Y				12.01	22.20		4
VW/MW-4	0855	2	N				11.53	18.50		3
VW/AS-1	0920	1	Y				~~12.38~~	~~19.6~~	TV	7
			Y			12.18	~~0854~~	19.45		

SHELL WELL MONITORING DATA SHEET

BTS #: 061013-JD-1	Site: Shell 19St., Oakland
Sampler: JD	Date: 10-13-06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 21.08	Depth to Water (DTW): 12.08
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (TOC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.96	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other:_____

1.4 (Gals.) X	3	=	4.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1220	65.2	6.9	1223	71,000	1.4	odor. dark color
1225	65.7	6.8	1261	> 1,000	2.8	
1230	65.5	6.6	1304	> 1,000	4.2	

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Date: 10-13-06 Sampling Time: 1235 Depth to Water: 12.29

Sample I.D.: MW-1 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061013-JD-1	Site: 1451 Shell, Oakland
Sampler: JD	Date: 10-13-06
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.75	Depth to Water (DTW): 12.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (TOC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.56	

Purge Method: Bailer; Disposable Bailer; (Positive Air Displacement); Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

5 (Gals.) X	3	=	15 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1150	65.5	6.9	1115	270	5	cloudy, ud
1151	66.6	6.5	1228	289	10	ODOR
1152	66.5	6.5	1277	250	15	cloudy - odor

Did well dewater? Yes (No) Gallons actually evacuated: 15

Sampling Date: 10-13-06 Sampling Time: 1200 Depth to Water: 13.14

Sample I.D.: MW-5 Laboratory: STL Other: TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 06013-JD-1	Site: Shell 14th St., Oakland
Sampler: JD.	Date: 10-13-06
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.60	Depth to Water (DTW): 12.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.82	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other ___

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ___

1 Case Volume	(Gals.) X Specified Volumes	= Calculated Volume
4.7	3	14.1 Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1015	63.2	6.5	594	66	4.7	clear
1017	63.7	6.4	529	45	9.4	—
1019	63.9	6.4	533	141	14.1	—

Did well dewater? Yes (No) Gallons actually evacuated: 14.1

Sampling Date: 10-13-06 Sampling Time: 1025 Depth to Water: 12.96

Sample I.D.: MW-6 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) BTEX (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061013-JD-1	Site: Shell 14th st, Oakland
Sampler: JD	Date: 10-13-06
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 20.00	Depth to Water (DTW): 12.85
Depth to Free Product:	Thickness of Free Product (feet): —
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.28	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

4.6 (Gals.) X 3 = 13.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1036	62.3	6.8	715	69	4.6	clear
1037	63.1	6.7	704	32	9.2	"
1038	64.2	6.7	708	65	13.8	"

Did well dewater? Yes (No) Gallons actually evacuated: 13.8

Sampling Date: 10-13-06 Sampling Time: 1045 Depth to Water: 13.71

Sample I.D.: MW-7 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061013-JD-1	Site: Shell 14St. Oakland
Sampler: JD	Date: 10-13-06
Well I.D.: VW/AS-1	Well Diameter: ~~2~~ 3 4 6 8 (1)
Total Well Depth (TD): 19.45	Depth to Water (DTW): 12.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

Purge Method: ~~Bailer~~ NP
~~Disposable Bailer~~
~~Positive Air Displacement~~
~~Electric Submersible~~
~~Waterra~~
~~Peristaltic~~
~~Extraction Pump~~
~~Other~~

Sampling Method: Bailer
(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: pin bailer

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

(Gals.) X NO PURGE = Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1325					~~0~~	

Did well dewater? ~~Yes~~ ~~No~~ Gallons actually evacuated: —

Sampling Date: 10-13-06 Sampling Time: 1330 Depth to Water: 12.18

Sample I.D.: VW/AS-1 Laboratory: STL (Other) TA

Analyzed for: ~~TPH-G~~ ~~BTEX~~ ~~MTBE~~ TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061013-JD-1	Site: 145t, Shell, Oakland
Sampler: JD	Date: 10-13-06
Well I.D.: VW-MW2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 22.20	Depth to Water (DTW): 12.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.01	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other: _____

1.6 (Gals.) X	3	=	4.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1121	65.8	7.1	887	> 1,000	1.6	dark, cloudy
1125	67.2	6.8	837	> 1,000	3.2	~sheen
1129	66.4	6.7	841	> 1,000	4.8	~odor

Did well dewater? Yes (No) Gallons actually evacuated: 4.8

Sampling Date: 10-13-06 Sampling Time: 1125 Depth to Water: 12.37

Sample I.D.: VW-MW2 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 061013-JD-1	Site: Shell 14St - Oakland
Sampler: JD	Date: 10-13-06
Well I.D.: VW-MW4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 18.53	Depth to Water (DTW): 11.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.90	

Purge Method: Bailer, (Disposable Bailer), Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: Bailer, (Disposable Bailer), Extraction Port, Dedicated Tubing, Other:_____

1.1 (Gals.) X	3 =	3.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1101	65.0	6.8	904	71,000	1.1	Dark/cloudy
1104	67.6	6.5	1026	71,000	2.2	—
1107	68.2	6.5	1028	71,000	3.3	—

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Date: 10-13-06 Sampling Time: 1110 Depth to Water: 12.01

Sample I.D.: VW-MW4 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL GAUGING DATA

Project # 060929-DN1 Date 9/29/06 Client 9708825O

Site 1230 14th St. Oakland CA.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0807	2					11.97	21.30		
MW-2	0750	2					11.03	22.00		Clo.
MW-3	0742	2					11.40	18.64		G.O.
MW-4	0738	2					11.29	19.91		G.O.
MW-5	0756	4					11.81	19.85		
MW-6	0814	4					12.32	19.71		
MW-7	0810	4					12.66	19.79		
VW/MW-2	0800	2	* Stinger in well				11.61	22.05		
VW/MW-4	0746	2					11.40	18.44		
* VW/AS-1	0804	1					11.97	14.44		
* VW/AS-3	0753	1					11.30	19.93	↓	G.O.
[redacted]										
* Still has 1 inch PVC in it. VW/AS-3										
* VW/AS-1 has no 1 inch PVC in it any more.										

SHELL WELL MONITORING DATA SHEET

BTS #: 060929-DR1	Site: 97088250
Sampler: DR	Date: 9/29/06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 21.30	Depth to Water (DTW): 11.97
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.84	

Purge Method: ✗Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: ✗Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

1.5 (Gals.) X	3 =	4.5 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1042	64.3	6.6	1212	> 1000	1.5	cloudy
1045	63.7	6.7	1246	> 1000	3.0	"
1048	63.4	6.7	1256	> 1000	4.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 9/29/06 Sampling Time: 1025 Depth to Water: 13.76

Sample I.D.: MW-1 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060929-DR1	Site: 97088250
Sampler: DR	Date: 9/29/06
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.85	Depth to Water (DTW): 11.81
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.42	

Purge Method: Bailer; Disposable Bailer; ✗Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ✗Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

5.2 (Gals.) X 3 = 15.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1043	64.6	7.0	1035	118	5.2	clear/odor
1049	64.8	6.6	1154	49	10.4	"
1055	64.7	6.6	1209	12	15.6	"

Did well dewater? Yes (No) Gallons actually evacuated: 15.6

Sampling Date: 9/29/06 Sampling Time: 958 Depth to Water: 13.19

Sample I.D.: MW-5 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060929-DR1	Site: 97088250
Sampler: DR	Date: 9/29/06
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.71	Depth to Water (DTW): 12.32
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.80	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

1 Case Volume	Specified Volumes	Calculated Volume
4.8 (Gals.) X	3 =	14.4 Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0834	63.8	6.0	893	53	4.8	clear
0835	63.9	6.2	689	47	9.6	"
0836	63.7	6.2	618	48	14.4	"

Did well dewater? Yes (No) Gallons actually evacuated: 14.4

Sampling Date: 9/29/06 Sampling Time: 0846 Depth to Water: 13.76

Sample I.D.: MW-6 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060929-DR1	Site: 97088250
Sampler: DR	Date: 9/29/06
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.79	Depth to Water (DTW): 12.66
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.10	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

4.6 (Gals.) X	3	=	13.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0853	64.3	6.6	671	329	4.6	cloudy
0854	64.2	6.7	672	207	9.2	light cloudy
0855	64.3	6.7	692	211	13.8	"

Did well dewater? Yes (No) Gallons actually evacuated: 13.8

Sampling Date: 9/29/06 Sampling Time: 903 Depth to Water: 14.06

Sample I.D.: MW-7 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060929-DR1	Site: 97088250
Sampler: DR	Date: 9/29/06
Well I.D.: UW/AS-1	Well Diameter: 2 3 4 6 8 1"
Total Well Depth (TD): 141.614	Depth to Water (DTW): 11.97
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

Purge Method: Bailer / Disposable Bailer / ~~Positive Air Displacement~~ / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: ✗Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other:

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Grab Sample (Gals.) X 3 = — Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
955	64.2	6.7	879	212	—	light cloudy

Did well dewater? Yes (No) Gallons actually evacuated: —

Sampling Date: 9/29/06 Sampling Time: 955 Depth to Water: —

Sample I.D.: UW/AS-1 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060929-DR1	Site: 97088250
Sampler: DR	Date: 9/29/06
Well I.D.: UW/MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 22.05	Depth to Water (DTW): 11.61
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.70	

Purge Method: X Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other:

1.7 (Gals.) X	3	=	5.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
930	66.0	6.8	771	71000	1.7	cloudy
933	66.5	6.7	773	71000	3.4	"
936	66.4	6.7	786	71000	5.1	"

Did well dewater? Yes (No) Gallons actually evacuated: 5.1

Sampling Date: 9/29/06 Sampling Time: 942 Depth to Water: 13.42

Sample I.D.: UW/MW-2 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060929-DR1	Site: 97088250
Sampler: DR	Date: 9/29/06
Well I.D.: UW/MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 18.44	Depth to Water (DTW): 11.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.81	

Purge Method: (X) Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (X) Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.1 (Gals.) X	3	=	3.3 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
909	66.5	6.6	948	71000	1.1	cloudy/odor
912	67.3	6.7	957	71000	2.2	"
915	67.4	6.7	969	71000	3.3	"

Did well dewater? Yes (No)		Gallons actually evacuated: 3.3	
Sampling Date: 9/29/06	Sampling Time: 923	Depth to Water: 11.92	
Sample I.D.: UW/MW-4		Laboratory: STL Other TA	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

Attachment C

Certified Laboratory Analytical Reports

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

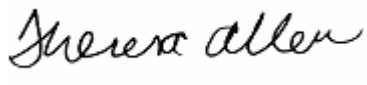
6 September, 2006

Dan Lescure
Cambria - Sonoma (Shell)
270 Perkins St.
Sonoma, CA 95476

RE: 1230 14th Street, Oakland
Work Order: MPH0807

Enclosed are the results of analyses for samples received by the laboratory on 08/22/06 18:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Theresa Allen For Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0807
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MPH0807-01	Air	08/22/06 14:30	08/22/06 18:05

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0807
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:24

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPH0807-01) Air Sampled: 08/22/06 14:30 Received: 08/22/06 18:05									
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air	1	6H23013	08/23/06	08/23/06 18:37	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-135*		"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	14	ppmv	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-135*		"	"	"	"	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0807
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:24

Purgeable Hydrocarbons and Volatile Organic Compounds by EPA method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPH0807-01) Air Sampled: 08/22/06 14:30 Received: 08/22/06 18:05									
Methyl tert-butyl ether	ND	0.50	mg/m³ Air	1	6H23013	08/23/06	08/23/06 18:37	EPA 8260B	
Benzene	**0.61**	0.50	"	"	"	"	"	"	
Toluene	**0.50**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.82**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-135*		*"*	*"*	*"*	*"*	
Methyl tert-butyl ether	ND	0.14	ppmv	"	"	"	"	"	
Benzene	**0.19**	0.16	"	"	"	"	"	"	
Toluene	**0.13**	0.13	"	"	"	"	"	"	
Ethylbenzene	ND	0.12	"	"	"	"	"	"	
Xylenes (total)	**0.19**	0.12	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-135*		*"*	*"*	*"*	*"*	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0807
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:24

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H23013 - EPA 5030B P/T / LUFT GCMS										
Blank (6H23013-BLK1)				Prepared & Analyzed: 08/23/06						
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air							
Gasoline Range Organics (C4-C12)	ND	14	ppmv							
Surrogate: 1,2-Dichloroethane-d4	*0.560*		*"*	*0.594*		*94*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.36*		*mg/m³ Air*	*2.50*		*94*	*60-135*			
Laboratory Control Sample (6H23013-BS1)				Prepared & Analyzed: 08/23/06						
Gasoline Range Organics (C4-C12)	593	50	mg/m³ Air	440		135	70-140			
Gasoline Range Organics (C4-C12)	168	14	ppmv	125		134	70-140			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*"*	*0.594*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*mg/m³ Air*	*2.50*		*97*	*60-135*			
Laboratory Control Sample Dup (6H23013-BSD1)				Prepared & Analyzed: 08/23/06						
Gasoline Range Organics (C4-C12)	616	50	mg/m³ Air	440		140	53-140	4	25	
Gasoline Range Organics (C4-C12)	175	14	ppmv	125		140	70-140	4	20	
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*mg/m³ Air*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*ppmv*	*0.594*		*97*	*60-135*			
Duplicate (6H23013-DUP1)	**Source: MPH0475-01RE2**			Prepared & Analyzed: 08/23/06						
Gasoline Range Organics (C4-C12)	150	71	ppmv		160			6	200	
Gasoline Range Organics (C4-C12)	528	250	mg/m³ Air		560			6	200	
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*ppmv*	*0.594*		*99*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*mg/m³ Air*	*2.50*		*99*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0807
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:24

Purgeable Hydrocarbons and Volatile Organic Compounds by EPA method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H23013 - EPA 5030B P/T / EPA 8260B										
Blank (6H23013-BLK1)				Prepared & Analyzed: 08/23/06						
Methyl tert-butyl ether	ND	0.14	ppmv							
Methyl tert-butyl ether	ND	0.50	mg/m³ Air							
Benzene	ND	0.50	"							
Benzene	ND	0.16	ppmv							
Toluene	ND	0.50	mg/m³ Air							
Toluene	ND	0.13	ppmv							
Ethylbenzene	ND	0.50	mg/m³ Air							
Ethylbenzene	ND	0.12	ppmv							
Xylenes (total)	ND	0.50	mg/m³ Air							
Xylenes (total)	ND	0.12	ppmv							
Surrogate: 1,2-Dichloroethane-d4	*0.560*		*"*	*0.594*		*94*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.36*		*mg/m³ Air*	*2.50*		*94*	*60-135*			
Laboratory Control Sample (6H23013-BS1)				Prepared & Analyzed: 08/23/06						
Methyl tert-butyl ether	2.25	0.14	ppmv	1.95		115	50-140			
Methyl tert-butyl ether	8.09	0.50	mg/m³ Air	7.02		115	50-140			
Benzene	5.75	0.50	"	5.16		111	70-125			
Benzene	1.80	0.16	ppmv	1.62		111	70-125			
Toluene	39.6	0.50	mg/m³ Air	37.2		106	70-120			
Toluene	10.5	0.13	ppmv	9.89		106	70-120			
Ethylbenzene	1.83	0.12	"	1.74		105	80-130			
Ethylbenzene	7.91	0.50	mg/m³ Air	7.54		105	80-130			
Xylenes (total)	43.8	0.50	"	41.2		106	85-125			
Xylenes (total)	10.1	0.12	ppmv	9.51		106	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*mg/m³ Air*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*ppmv*	*0.594*		*97*	*60-135*			
Laboratory Control Sample Dup (6H23013-BSD1)				Prepared & Analyzed: 08/23/06						
Methyl tert-butyl ether	2.32	0.14	ppmv	1.95		119	50-140	3	25	
Methyl tert-butyl ether	8.34	0.50	mg/m³ Air	7.02		119	50-140	3	25	
Benzene	6.00	0.50	"	5.16		116	70-125	4	15	
Benzene	1.88	0.16	ppmv	1.62		116	70-125	4	15	
Toluene	41.0	0.50	mg/m³ Air	37.2		110	70-120	3	15	
Toluene	10.9	0.13	ppmv	9.89		110	70-120	4	15	
Ethylbenzene	8.09	0.50	mg/m³ Air	7.54		107	80-130	2	15	
Ethylbenzene	1.87	0.12	ppmv	1.74		107	80-130	2	15	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0807
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:24

Purgeable Hydrocarbons and Volatile Organic Compounds by EPA method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H23013 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample Dup (6H23013-BSD1)				Prepared & Analyzed: 08/23/06						
Xylenes (total)	45.6	0.50	mg/m³ Air	41.2		111	85-125	4	15	
Xylenes (total)	10.5	0.12	ppmv	9.51		110	85-125	4	15	
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*mg/m³ Air*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*ppmv*	*0.594*		*97*	*60-135*			
Duplicate (6H23013-DUP1)	**Source: MPH0475-01RE2**			Prepared & Analyzed: 08/23/06						
Methyl tert-butyl ether	ND	0.70	ppmv		ND				200	
Methyl tert-butyl ether	ND	2.5	mg/m³ Air		ND				200	
Benzene	ND	2.5	"		ND				200	
Benzene	ND	0.78	ppmv		ND				200	
Toluene	527	2.5	mg/m³ Air		540			2	200	
Toluene	140	0.66	ppmv		140			0	200	
Ethylbenzene	ND	2.5	mg/m³ Air		ND				200	
Ethylbenzene	ND	0.58	ppmv		ND				200	
Xylenes (total)	ND	2.5	mg/m³ Air		ND				200	
Xylenes (total)	ND	0.58	ppmv		ND				200	
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*mg/m³ Air*	*2.50*		*99*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*ppmv*	*0.594*		*99*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0807
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:24

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennesee
- ☐ Calscience
- ☑ Other_____

SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV / FE ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 97088250

PO #:

SAP or CRMT #:

DATE: 8/22/06

PAGE: _____ of _____

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETS	SITE ADDRESS: Street and City: 1230 14th Street, Oakland	State: CA
ADDRESS: 270 Perkins Street, Sonoma, CA 95476		GLOBAL ID NO.: T0600101691	
PROJECT CONTACT (Hardcopy or PDF Report to): Dan Lescure		EDF DELIVERABLE TO (Name, Company, Office Location): Susan Lukaszewicz, Cambria, Sonoma	PHONE NO.: 707-933-2376
TELEPHONE: 510-420-3306	FAX: 510-420-9170	E-MAIL: dlescure@cambria-env.com	E-MAIL: sonomaedf@cambria-env.com
		CONSULTANT PROJECT NO.: 248-0233-012	
SAMPLER NAME(S) (Print): Mark Johnson		LAB USE ONLY: MPH 8807	

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☑ RECEIPT VERIFICATION REQUESTED

cc: afriel@cambria-env.com

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead ☐ Total ☐ STLC ☐ TCLP	LUFT5 ☐ Total ☐ STLC ☐ TCLP	CAM17 ☐ Total ☐ STLC ☐ TCLP	Test for Disposal (see attached)		FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-1	8/22	2:30	VA	1	X		X		X																Tedlar Bag

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Mark Johnson		8/22/06	1500
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	(MH)	8/22/06	1805
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

C&C Graphic (714) 898-9702

kland 1230 14th\Remediation\GWE SVE Test Aug06\COC/SVE

07/14/06 Revision

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: SHELL
REC. BY (PRINT) A.C
WORKORDER: 0608507

DATE REC'D AT LAB: 8-22-06
TIME REC'D AT LAB: 1805
DATE LOGGED IN: 8-23-06

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*									
2. Chain-of-Custody (Present) / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #:									
6. Sample Labels: (Present) / Absent									
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody									
8. Sample Condition: (Intact) / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*									
10. Sample received within hold time? (Yes) / No*									
11. Adequate sample volume received? (Yes) / No*									
12. Proper preservatives used? (Yes) / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No*)									
14. Read Temp: N/A Corrected Temp: N/A Is corrected temp 4 +/-2°C? Yes / No** (Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS / DFF ON ICE or Problem COC									

SEE COC 8-23-06 A.C

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 7
places Rev 5 (07/13/04)
ctive 07/19/05

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6 September, 2006

Dan Lescure
Cambria - Sonoma (Shell)
270 Perkins St.
Sonoma, CA 95476

RE: 1230 14th Street, Oakland
Work Order: MPH0833

Enclosed are the results of analyses for samples received by the laboratory on 08/23/06 18:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen For Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0833
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VW-AS-1	MPH0833-01	Air	08/22/06 05:00	08/23/06 18:35

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0833
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:04

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VW-AS-1 (MPH0833-01) Air Sampled: 08/22/06 05:00 Received: 08/23/06 18:35									
Gasoline Range Organics (C4-C12)	**2400**	50	mg/m³ Air	1	6H24024	08/24/06	08/25/06 14:09	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**690**	14	ppmv	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		"	"	"	"	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0833
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:04

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VW-AS-1 (MPH0833-01) Air Sampled: 08/22/06 05:00 Received: 08/23/06 18:35									
Benzene	**160**	0.50	mg/m³ Air	1	6H24024	08/24/06	08/25/06 14:09	EPA 8260B	E
Ethylbenzene	**58**	0.50	"	"	"	"	"	"	
Toluene	**110**	0.50	"	"	"	"	"	"	E
Xylenes (total)	**200**	0.50	"	"	"	"	"	"	E
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		*"*	*"*	*"*	*"*	
Benzene	**49**	0.16	ppmv	"	"	"	"	"	E
Ethylbenzene	**13**	0.12	"	"	"	"	"	"	
Toluene	**30**	0.13	"	"	"	"	"	"	E
Xylenes (total)	**46**	0.12	"	"	"	"	"	"	E
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		*"*	*"*	*"*	*"*	
Methyl tert-butyl ether	ND	0.50	mg/m³ Air	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		*"*	*"*	*"*	*"*	
Methyl tert-butyl ether	ND	0.14	ppmv	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		*"*	*"*	*"*	*"*	
VW-AS-1 (MPH0833-01RE1) Air Sampled: 08/22/06 05:00 Received: 08/23/06 18:35									**HT-RD**
Benzene	**170**	5.0	mg/m³ Air	10	6H25025	08/25/06	08/26/06 16:33	EPA 8260B	
Toluene	**93**	5.0	"	"	"	"	"	"	
Xylenes (total)	**120**	5.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93 %*	*60-135*		*"*	*"*	*"*	*"*	
Benzene	**54**	1.6	ppmv	10	"	"	"	"	
Toluene	**25**	1.3	"	"	"	"	"	"	
Xylenes (total)	**27**	1.2	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93 %*	*60-135*		*"*	*"*	*"*	*"*	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0833
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:04

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H24024 - EPA 5030B P/T / LUFT GCMS										
Blank (6H24024-BLK1)				Prepared: 08/24/06 Analyzed: 08/25/06						
Gasoline Range Organics (C4-C12)	ND	14	ppmv							
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air							
Surrogate: 1,2-Dichloroethane-d4	*2.39*		*"*	*2.50*		*96*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.568*		*ppmv*	*0.594*		*96*	*60-135*			
Laboratory Control Sample (6H24024-BS2)				Prepared: 08/24/06 Analyzed: 08/25/06						
Gasoline Range Organics (C4-C12)	588	50	mg/m³ Air	440		134	70-140			
Gasoline Range Organics (C4-C12)	167	14	ppmv	125		134	70-140			
Surrogate: 1,2-Dichloroethane-d4	*2.46*		*mg/m³ Air*	*2.50*		*98*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.584*		*ppmv*	*0.594*		*98*	*60-135*			
Duplicate (6H24024-DUP1)	**Source: MPH0833-01**			Prepared: 08/24/06 Analyzed: 08/25/06						
Gasoline Range Organics (C4-C12)	568	14	ppmv		690			19	200	
Gasoline Range Organics (C4-C12)	2000	50	mg/m³ Air		2400			18	200	
Surrogate: 1,2-Dichloroethane-d4	*0.603*		*ppmv*	*0.594*		*102*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.54*		*mg/m³ Air*	*2.50*		*102*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0833
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H24024 - EPA 5030B P/T / EPA 8260B										
Blank (6H24024-BLK1)				Prepared: 08/24/06 Analyzed: 08/25/06						
Benzene	ND	0.50	mg/m³ Air							
Benzene	ND	0.16	ppmv							
Ethylbenzene	ND	0.50	mg/m³ Air							
Ethylbenzene	ND	0.12	ppmv							
Methyl tert-butyl ether	ND	0.14	"							
Methyl tert-butyl ether	ND	0.50	mg/m³ Air							
Toluene	ND	0.50	"							
Toluene	ND	0.13	ppmv							
Xylenes (total)	ND	0.50	mg/m³ Air							
Xylenes (total)	ND	0.12	ppmv							
Surrogate: 1,2-Dichloroethane-d4	*2.39*		*mg/m³ Air*	*2.50*		*96*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.568*		*ppmv*	*0.594*		*96*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.39*		*mg/m³ Air*	*2.50*		*96*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.568*		*ppmv*	*0.594*		*96*	*60-135*			
Laboratory Control Sample (6H24024-BS1)				Prepared: 08/24/06 Analyzed: 08/25/06						
Benzene	9.77	0.50	mg/m³ Air	10.0		98	70-125			
Benzene	3.06	0.16	ppmv	3.14		97	70-125			
Ethylbenzene	10.6	0.50	mg/m³ Air	10.0		106	80-130			
Ethylbenzene	2.44	0.12	ppmv	2.31		106	80-130			
Methyl tert-butyl ether	2.94	0.14	"	2.78		106	50-140			
Methyl tert-butyl ether	10.6	0.50	mg/m³ Air	10.0		106	50-140			
Toluene	2.74	0.13	ppmv	2.66		103	70-120			
Toluene	10.3	0.50	mg/m³ Air	10.0		103	70-120			
Xylenes (total)	32.2	0.50	"	30.0		107	85-125			
Xylenes (total)	7.43	0.12	ppmv	6.92		107	85-125			
Surrogate: 1,2-Dichloroethane-d4	*0.575*		*"*	*0.594*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.42*		*mg/m³ Air*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.42*		*"*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.575*		*ppmv*	*0.594*		*97*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0833
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H24024 - EPA 5030B P/T / EPA 8260B										
Duplicate (6H24024-DUP1)	**Source: MPH0833-01**			Prepared: 08/24/06 Analyzed: 08/25/06						
Benzene	41.0	0.16	ppmv		49			18	200	E
Benzene	131	0.50	mg/m³ Air		160			20	200	E
Ethylbenzene	46.0	0.50	"		58			23	200	
Ethylbenzene	10.6	0.12	ppmv		13			20	200	
Methyl tert-butyl ether	ND	0.50	mg/m³ Air		ND				200	
Methyl tert-butyl ether	ND	0.14	ppmv		ND				200	
Toluene	25.4	0.13	"		30			17	200	
Toluene	95.6	0.50	mg/m³ Air		110			14	200	
Xylenes (total)	37.1	0.12	ppmv		46			21	200	E
Xylenes (total)	161	0.50	mg/m³ Air		200			22	200	E
Surrogate: 1,2-Dichloroethane-d4	*0.603*		*ppmv*	*0.594*		*102*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.54*		*mg/m³ Air*	*2.50*		*102*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.54*		*"*	*2.50*		*102*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.603*		*ppmv*	*0.594*		*102*	*60-135*			
Batch 6H25025 - EPA 5030B P/T / EPA 8260B										
Blank (6H25025-BLK1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	ND	0.50	mg/m³ Air							
Benzene	ND	0.16	ppmv							
Ethylbenzene	ND	0.12	"							
Ethylbenzene	ND	0.50	mg/m³ Air							
Toluene	ND	0.50	"							
Toluene	ND	0.13	ppmv							
Xylenes (total)	ND	0.50	mg/m³ Air							
Xylenes (total)	ND	0.12	ppmv							
Surrogate: 1,2-Dichloroethane-d4	*0.629*		*"*	*0.594*		*106*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.65*		*mg/m³ Air*	*2.50*		*106*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0833
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H25025 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (6H25025-BS1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	9.03	0.50	mg/m³ Air	10.0		90	70-125			
Benzene	2.83	0.16	ppmv	3.14		90	70-125			
Ethylbenzene	2.26	0.12	"	2.31		98	80-130			
Ethylbenzene	9.81	0.50	mg/m³ Air	10.0		98	80-130			
Toluene	9.19	0.50	"	10.0		92	70-120			
Toluene	2.44	0.13	ppmv	2.66		92	70-120			
Xylenes (total)	29.7	0.50	mg/m³ Air	30.0		99	85-125			
Xylenes (total)	6.84	0.12	ppmv	6.92		99	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*mg/m³ Air*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*ppmv*	*0.594*		*97*	*60-135*			
Laboratory Control Sample (6H25025-BS2)				Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	5.11	0.50	mg/m³ Air	5.16		99	70-125			
Benzene	1.60	0.16	ppmv	1.62		99	70-125			
Ethylbenzene	7.24	0.50	mg/m³ Air	7.54		96	80-130			
Ethylbenzene	1.67	0.12	ppmv	1.74		96	80-130			
Toluene	9.39	0.13	"	9.89		95	70-120			
Toluene	35.3	0.50	mg/m³ Air	37.2		95	70-120			
Xylenes (total)	9.29	0.12	ppmv	9.51		98	85-125			
Xylenes (total)	40.2	0.50	mg/m³ Air	41.2		98	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*"*	*2.50*		*99*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*ppmv*	*0.594*		*99*	*60-135*			
Duplicate (6H25025-DUP1)	**Source: MPH0857-01**			Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	ND	0.16	ppmv		ND				200	
Benzene	ND	0.50	mg/m³ Air		ND				200	
Ethylbenzene	ND	0.50	"		ND				200	
Ethylbenzene	ND	0.12	ppmv		ND				200	
Toluene	ND	0.50	mg/m³ Air		ND				200	
Toluene	ND	0.13	ppmv		ND				200	
Xylenes (total)	ND	0.50	mg/m³ Air		ND				200	
Xylenes (total)	ND	0.12	ppmv		ND				200	
Surrogate: 1,2-Dichloroethane-d4	*0.646*		*"*	*0.594*		*109*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.72*		*mg/m³ Air*	*2.50*		*109*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0833
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:04

Notes and Definitions

HT-RD	This sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennesee
- ☐ Calscience
- ☑ Other Test America

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV / PE ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 0 8 8 2 5 0

PO #:

SAP or CRMT #:

DATE: 8/22/06

PAGE: _____ of _____

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETS
ADDRESS: 270 Perkins Street, Sonoma, CA 95476	
PROJECT CONTACT (Hardcopy or PDF Report to): Dan Lescure	
TELEPHONE: 510-420-3306	FAX: 510-420-9170
E-MAIL: dlescure@cambria-env.com	
SITE ADDRESS: Street and City: 1230 14th Street, Oakland	State: CA
GLOBAL ID NO.: T0600101691	
EDF DELIVERABLE TO (Name, Company, Office Location): Susan Lukaszewicz, Cambria, Sonoma	PHONE NO.: 707-933-2376
E-MAIL: sonomaedf@cambria-env.com	CONSULTANT PROJECT NO.: 248-0233-012
SAMPLER NAME(S) (Print): Mark Johnson	LAB USE ONLY: MPH0833

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☑ RECEIPT VERIFICATION REQUESTED

cc: afriel@cambria-env.com

Compliance Samples

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead ☐ Total ☐ STLC ☐ TCLP	LUFT5 ☐ Total ☐ STLC ☐ TCLP	CAM17 ☐ Total ☐ STLC ☐ TCLP	Test for Disposal (see attached)	
01	VW/AS-1	8/22	5:00	VA	1	X		X		X															

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°: _____

Tedlar Bag

Relinquished by: (Signature) Mark Johnson	Received by: (Signature)	Date: 8/23/06	Time: 1400
Relinquished by: (Signature)	Received by: (Signature)	Date: 8/23/06	Time: 1935
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Q&Q Graphic (714) 998-9702

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: SHELL
REC. BY (PRINT): [illegible]
WORKORDER: MPH0833

DATE REC'D AT LAB: 8/23/06
TIME REC'D AT LAB: 1835
DATE LOGGED IN: 8/24/06

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER YES / (NO)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*									
2. Chain-of-Custody (Present) / Absent*									
3. Traffic Reports or Packing List: Present / (Absent)									
4. Airbill: Airbill / Sticker Present / (Absent)									
5. Airbill #:									
6. Sample Labels: (Present) / Absent									
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody									
8. Sample Condition: (Intact) / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*									
10. Sample received within hold time? (Yes) / No*									
11. Adequate sample volume received? (Yes) / No*									
12. Proper preservatives used? (Yes) / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No)*									
14. Read Temp: ____ Corrected Temp: ____ Is corrected temp 4 +/-2°C? Yes / No**									
(Acceptance range for samples requiring thermal pres.)									
**Exception (if any): METALS / DFF ON ICE or Problem COC									

8/23/06 ZH

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 7
Replaces Rev 5 (07/13/04)
Effective 07/19/05

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12 September, 2006

Dan Lescure
Cambria - Sonoma (Shell)
270 Perkins St.
Sonoma, CA 95476

RE: 1230 14th Street, Oakland
Work Order: MPH0834

Enclosed are the results of analyses for samples received by the laboratory on 08/23/06 18:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0834
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/12/06 00:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VW/AS-1	MPH0834-01	Air	08/23/06 10:30	08/23/06 18:35
MW-1	MPH0834-02	Air	08/23/06 13:45	08/23/06 18:35

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0834
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/12/06 00:40

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VW/AS-1 (MPH0834-01) Air Sampled: 08/23/06 10:30 Received: 08/23/06 18:35									
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		*6H24024*	*08/24/06*	*08/25/06 11:40*	*LUFT GCMS*	
VW/AS-1 (MPH0834-01RE1) Air Sampled: 08/23/06 10:30 Received: 08/23/06 18:35									**HT-RD**
Gasoline Range Organics (C4-C12)	**5300**	500	mg/m³ Air	10	6H25025	08/25/06	08/26/06 17:03	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-145*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**1500**	140	ppmv	10	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-145*		"	"	"	"	
MW-1 (MPH0834-02RE1) Air Sampled: 08/23/06 13:45 Received: 08/23/06 18:35									**HT-RD**
Gasoline Range Organics (C4-C12)	**5200**	500	mg/m³ Air	10	6H31014	08/31/06	08/31/06 12:02	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-145*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**1500**	140	ppmv	10	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-145*		"	"	"	"	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0834
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/12/06 00:40

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VW/AS-1 (MPH0834-01) Air Sampled: 08/23/06 10:30 Received: 08/23/06 18:35									
Ethylbenzene	**56**	0.50	mg/m³ Air	1	6H24024	08/24/06	08/25/06 11:40	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
Ethylbenzene	**13**	0.12	ppmv	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
Methyl tert-butyl ether	ND	0.50	mg/m³ Air	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
Methyl tert-butyl ether	ND	0.14	ppmv	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
VW/AS-1 (MPH0834-01RE1) Air Sampled: 08/23/06 10:30 Received: 08/23/06 18:35									**HT-RD**
Benzene	**150**	5.0	mg/m³ Air	10	6H25025	08/25/06	08/26/06 17:03	EPA 8260B	
Toluene	**150**	5.0	"	"	"	"	"	"	
Xylenes (total)	**140**	5.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-135*		"	"	"	"	
Benzene	**46**	1.6	ppmv	10	"	"	"	"	
Toluene	**39**	1.3	"	"	"	"	"	"	
Xylenes (total)	**32**	1.2	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-135*		"	"	"	"	
MW-1 (MPH0834-02) Air Sampled: 08/23/06 13:45 Received: 08/23/06 18:35									
Benzene	**11**	0.50	mg/m³ Air	1	6H24024	08/24/06	08/25/06 12:10	EPA 8260B	
Ethylbenzene	**11**	0.50	"	"	"	"	"	"	
Toluene	**8.0**	0.50	"	"	"	"	"	"	
Xylenes (total)	**28**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		"	"	"	"	
Benzene	**3.3**	0.16	ppmv	"	"	"	"	"	
Ethylbenzene	**2.5**	0.12	"	"	"	"	"	"	
Toluene	**2.1**	0.13	"	"	"	"	"	"	
Xylenes (total)	**6.5**	0.12	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		"	"	"	"	
Methyl tert-butyl ether	ND	0.50	mg/m³ Air	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		"	"	"	"	
Methyl tert-butyl ether	ND	0.14	ppmv	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		"	"	"	"	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0834
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/12/06 00:40

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H24024 - EPA 5030B P/T / LUFT GCMS										
Blank (6H24024-BLK1)				Prepared: 08/24/06 Analyzed: 08/25/06						
Gasoline Range Organics (C4-C12)	ND	14	ppmv							
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air							
Surrogate: 1,2-Dichloroethane-d4	*0.568*		*ppmv*	*0.594*		*96*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.39*		*mg/m³ Air*	*2.50*		*96*	*60-135*			
Laboratory Control Sample (6H24024-BS2)				Prepared: 08/24/06 Analyzed: 08/25/06						
Gasoline Range Organics (C4-C12)	167	14	ppmv	125		134	70-140			
Gasoline Range Organics (C4-C12)	588	50	mg/m³ Air	440		134	70-140			
Surrogate: 1,2-Dichloroethane-d4	*0.584*		*ppmv*	*0.594*		*98*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.46*		*mg/m³ Air*	*2.50*		*98*	*60-135*			
Duplicate (6H24024-DUP1)	**Source: MPH0833-01**			Prepared: 08/24/06 Analyzed: 08/25/06						
Gasoline Range Organics (C4-C12)	568	14	ppmv		690			19	200	
Gasoline Range Organics (C4-C12)	2000	50	mg/m³ Air		2400			18	200	
Surrogate: 1,2-Dichloroethane-d4	*0.603*		*ppmv*	*0.594*		*102*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.54*		*mg/m³ Air*	*2.50*		*102*	*60-135*			
Batch 6H25025 - EPA 5030B P/T / LUFT GCMS										
Blank (6H25025-BLK1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Gasoline Range Organics (C4-C12)	ND	14	ppmv							
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air							
Surrogate: 1,2-Dichloroethane-d4	*2.65*		*"*	*2.50*		*106*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.629*		*ppmv*	*0.594*		*106*	*60-135*			
Laboratory Control Sample (6H25025-BS1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Gasoline Range Organics (C4-C12)	178	14	ppmv	199		89	70-124			
Gasoline Range Organics (C4-C12)	627	50	mg/m³ Air	700		90	53-126			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*"*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*ppmv*	*0.594*		*97*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0834
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/12/06 00:40

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H25025 - EPA 5030B P/T / LUFT GCMS										
Laboratory Control Sample (6H25025-BS2)				Prepared: 08/25/06 Analyzed: 08/26/06						
Gasoline Range Organics (C4-C12)	140	14	ppmv	125		112	75-140			
Gasoline Range Organics (C4-C12)	492	50	mg/m³ Air	440		112	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*"*	*2.50*		*99*	*60-145*			
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*ppmv*	*0.594*		*99*	*60-145*			
Duplicate (6H25025-DUP1)	**Source: MPH0857-01**			Prepared: 08/25/06 Analyzed: 08/26/06						
Gasoline Range Organics (C4-C12)	ND	14	ppmv		ND				200	
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air		ND				200	
Surrogate: 1,2-Dichloroethane-d4	*0.646*		*ppmv*	*0.594*		*109*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.72*		*mg/m³ Air*	*2.50*		*109*	*60-135*			
Batch 6H31014 - EPA 5030B P/T / LUFT GCMS										
Blank (6H31014-BLK1)				Prepared & Analyzed: 08/31/06						
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air							
Gasoline Range Organics (C4-C12)	ND	14	ppmv							
Surrogate: 1,2-Dichloroethane-d4	*2.56*		*mg/m³ Air*	*2.50*		*102*	*60-145*			
Surrogate: 1,2-Dichloroethane-d4	*0.608*		*ppmv*	*0.594*		*102*	*60-145*			
Laboratory Control Sample (6H31014-BS1)				Prepared & Analyzed: 08/31/06						
Gasoline Range Organics (C4-C12)	151	14	ppmv	125		121	75-140			
Gasoline Range Organics (C4-C12)	531	50	mg/m³ Air	440		121	75-140			
Surrogate: 1,2-Dichloroethane-d4	*0.556*		*ppmv*	*0.594*		*94*	*60-145*			
Surrogate: 1,2-Dichloroethane-d4	*2.34*		*mg/m³ Air*	*2.50*		*94*	*60-145*			
Duplicate (6H31014-DUP1)	**Source: MPH0834-02RE1**			Prepared & Analyzed: 08/31/06						
Gasoline Range Organics (C4-C12)	1410	140	ppmv		1500			6	200	
Gasoline Range Organics (C4-C12)	4970	500	mg/m³ Air		5200			5	200	
Surrogate: 1,2-Dichloroethane-d4	*0.587*		*ppmv*	*0.594*		*99*	*60-145*			
Surrogate: 1,2-Dichloroethane-d4	*2.47*		*mg/m³ Air*	*2.50*		*99*	*60-145*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0834
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/12/06 00:40

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H24024 - EPA 5030B P/T / EPA 8260B										
Blank (6H24024-BLK1)				Prepared: 08/24/06 Analyzed: 08/25/06						
Benzene	ND	0.16	ppmv							
Benzene	ND	0.50	mg/m³ Air							
Ethylbenzene	ND	0.12	ppmv							
Ethylbenzene	ND	0.50	mg/m³ Air							
Methyl tert-butyl ether	ND	0.50	"							
Methyl tert-butyl ether	ND	0.14	ppmv							
Toluene	ND	0.50	mg/m³ Air							
Toluene	ND	0.13	ppmv							
Xylenes (total)	ND	0.50	mg/m³ Air							
Xylenes (total)	ND	0.12	ppmv							
Surrogate: 1,2-Dichloroethane-d4	*2.39*		*mg/m³ Air*	*2.50*		*96*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.39*		*"*	*2.50*		*96*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.568*		*ppmv*	*0.594*		*96*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.568*		*"*	*0.594*		*96*	*60-135*			
Laboratory Control Sample (6H24024-BS1)				Prepared: 08/24/06 Analyzed: 08/25/06						
Benzene	9.77	0.50	mg/m³ Air	10.0		98	70-125			
Benzene	3.06	0.16	ppmv	3.14		97	70-125			
Ethylbenzene	10.6	0.50	mg/m³ Air	10.0		106	80-130			
Ethylbenzene	2.44	0.12	ppmv	2.31		106	80-130			
Methyl tert-butyl ether	2.94	0.14	"	2.78		106	50-140			
Methyl tert-butyl ether	10.6	0.50	mg/m³ Air	10.0		106	50-140			
Toluene	2.74	0.13	ppmv	2.66		103	70-120			
Toluene	10.3	0.50	mg/m³ Air	10.0		103	70-120			
Xylenes (total)	7.43	0.12	ppmv	6.92		107	85-125			
Xylenes (total)	32.2	0.50	mg/m³ Air	30.0		107	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.42*		*"*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.575*		*ppmv*	*0.594*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.575*		*"*	*0.594*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.42*		*mg/m³ Air*	*2.50*		*97*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0834
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/12/06 00:40

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H24024 - EPA 5030B P/T / EPA 8260B										
Duplicate (6H24024-DUP1)	**Source: MPH0833-01**			Prepared: 08/24/06 Analyzed: 08/25/06						
Benzene	131	0.50	mg/m³ Air		160			20	200	E
Benzene	41.0	0.16	ppmv		49			18	200	E
Ethylbenzene	46.0	0.50	mg/m³ Air		58			23	200	
Ethylbenzene	10.6	0.12	ppmv		13			20	200	
Methyl tert-butyl ether	ND	0.50	mg/m³ Air		ND				200	
Methyl tert-butyl ether	ND	0.14	ppmv		ND				200	
Toluene	95.6	0.50	mg/m³ Air		110			14	200	
Toluene	25.4	0.13	ppmv		30			17	200	
Xylenes (total)	161	0.50	mg/m³ Air		200			22	200	E
Xylenes (total)	37.1	0.12	ppmv		46			21	200	E
Surrogate: 1,2-Dichloroethane-d4	*0.603*		*"*	*0.594*		*102*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.54*		*mg/m³ Air*	*2.50*		*102*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.603*		*ppmv*	*0.594*		*102*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.54*		*mg/m³ Air*	*2.50*		*102*	*60-135*			
Batch 6H25025 - EPA 5030B P/T / EPA 8260B										
Blank (6H25025-BLK1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	ND	0.16	ppmv							
Benzene	ND	0.50	mg/m³ Air							
Ethylbenzene	ND	0.50	"							
Ethylbenzene	ND	0.12	ppmv							
Toluene	ND	0.13	"							
Toluene	ND	0.50	mg/m³ Air							
Xylenes (total)	ND	0.50	"							
Xylenes (total)	ND	0.12	ppmv							
Surrogate: 1,2-Dichloroethane-d4	*0.629*		*"*	*0.594*		*106*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.65*		*mg/m³ Air*	*2.50*		*106*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0834
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/12/06 00:40

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H25025 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (6H25025-BS1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	2.83	0.16	ppmv	3.14		90	70-125			
Benzene	9.03	0.50	mg/m³ Air	10.0		90	70-125			
Ethylbenzene	2.26	0.12	ppmv	2.31		98	80-130			
Ethylbenzene	9.81	0.50	mg/m³ Air	10.0		98	80-130			
Toluene	2.44	0.13	ppmv	2.66		92	70-120			
Toluene	9.19	0.50	mg/m³ Air	10.0		92	70-120			
Xylenes (total)	6.84	0.12	ppmv	6.92		99	85-125			
Xylenes (total)	29.7	0.50	mg/m³ Air	30.0		99	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*"*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*ppmv*	*0.594*		*97*	*60-135*			
Laboratory Control Sample (6H25025-BS2)				Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	5.11	0.50	mg/m³ Air	5.16		99	70-125			
Benzene	1.60	0.16	ppmv	1.62		99	70-125			
Ethylbenzene	7.24	0.50	mg/m³ Air	7.54		96	80-130			
Ethylbenzene	1.67	0.12	ppmv	1.74		96	80-130			
Toluene	9.39	0.13	"	9.89		95	70-120			
Toluene	35.3	0.50	mg/m³ Air	37.2		95	70-120			
Xylenes (total)	9.29	0.12	ppmv	9.51		98	85-125			
Xylenes (total)	40.2	0.50	mg/m³ Air	41.2		98	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*"*	*2.50*		*99*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*ppmv*	*0.594*		*99*	*60-135*			
Duplicate (6H25025-DUP1)	**Source: MPH0857-01**			Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	ND	0.50	mg/m³ Air		ND				200	
Benzene	ND	0.16	ppmv		ND				200	
Ethylbenzene	ND	0.12	"		ND				200	
Ethylbenzene	ND	0.50	mg/m³ Air		ND				200	
Toluene	ND	0.13	ppmv		ND				200	
Toluene	ND	0.50	mg/m³ Air		ND				200	
Xylenes (total)	ND	0.12	ppmv		ND				200	
Xylenes (total)	ND	0.50	mg/m³ Air		ND				200	
Surrogate: 1,2-Dichloroethane-d4	*2.72*		*"*	*2.50*		*109*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.646*		*ppmv*	*0.594*		*109*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0834
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/12/06 00:40

Notes and Definitions

HT-RD	This sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☐ Calscience
- ☑ Other Test America

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV / FE ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 0 8 8 2 5 0

PO #:

SAP or CRMT #:

DATE: 8-23-6

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Cambria Environmental Technology, Inc.	CETS	1230 14th Street, Oakland	CA	T0600101691

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
270 Perkins Street, Sonoma, CA 95476	Susan Lukaszewicz, Cambria, Sonoma	707-933-2376	sonomaedf@cambria-env.com	248-0233-012

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:
Dan Lescure	510-420-3306	510-420-9170	dlescure@cambria-env.com

SAMPLER NAME(S) (Print): VARTAN HANEDANIAN

LAB USE ONLY: MPH0834

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☑ RECEIPT VERIFICATION REQUESTED

cc: afriel@cambria-env.com
Compliance Samples

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead ☐ Total ☐ STLC ☐ TCLP	LUFT5 ☐ Total ☐ STLC ☐ TCLP	CAM17 ☐ Total ☐ STLC ☐ TCLP	Test for Disposal (see attached)		TEMPERATURE ON RECEIPT C°
01	UW / AS-1	8-23	10:30	VA	1	X		X		X																Tedlar Bag
02	MW-1	8-23	1:45	VA	1	X		X		X																Tedlar Bag

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Vartan Hanedanian		8/23/06	1400
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	mH	8/23/06	1935
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

07/14/06 Revision

Q&Q Graphic (714) 895-9702

\\Oakland 1230 14th\Remediation\GWE SVE Test Aug06\COC/SVE

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Shell
REC. BY (PRINT): CH
WORKORDER: MPH0834

DATE REC'D AT LAB: 8/23/06
TIME REC'D AT LAB: 1835
DATE LOGGED IN: 8/24/06

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent; Intact / Broken*									
2. Chain-of-Custody Present / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #:									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Read Temp: ___ Corrected Temp: ___ Is corrected temp 4 +/-2°C? Yes / No** (Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS / DFF ON ICE or Problem COC									

8/23/06 CH

IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 7
Replaces Rev 5 (07/13/04)
Effective 07/19/05

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6 September, 2006

Dan Lescure
Cambria - Sonoma (Shell)
270 Perkins St.
Sonoma, CA 95476

RE: 1230 14th Street, Oakland
Work Order: MPH0862

Enclosed are the results of analyses for samples received by the laboratory on 08/24/06 18:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen For Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

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Cambria - Sonoma (Shell)	Project:	1230 14th Street, Oakland	MPH0862
270 Perkins St.	Project Number:	248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager:	Dan Lescure	09/06/06 20:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VW/AS-1	MPH0862-01	Air	08/24/06 12:15	08/24/06 18:25

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0862
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 20:36

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VW/AS-1 (MPH0862-01) Air Sampled: 08/24/06 12:15 Received: 08/24/06 18:25									
Gasoline Range Organics (C4-C12)	**4700**	100	mg/m³ Air	2	6H25025	08/25/06	08/26/06 17:33	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*60-145*		"	"	"	"	
Gasoline Range Organics (C4-C12)	**1300**	28	ppmv	2	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*60-145*		"	"	"	"	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0862
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 20:36

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VW/AS-1 (MPH0862-01) Air Sampled: 08/24/06 12:15 Received: 08/24/06 18:25									
Benzene	**140**	1.0	mg/m³ Air	2	6H25025	08/25/06	08/26/06 17:33	EPA 8260B	
Ethylbenzene	**64**	1.0	"	"	"	"	"	"	
Toluene	**150**	1.0	"	"	"	"	"	"	
Xylenes (total)	**210**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*60-135*		"	"	"	"	
Benzene	**43**	0.31	ppmv	2	"	"	"	"	
Ethylbenzene	**15**	0.23	"	"	"	"	"	"	
Toluene	**39**	0.27	"	"	"	"	"	"	
Xylenes (total)	**49**	0.23	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*60-135*		"	"	"	"	
Methyl tert-butyl ether	ND	1.0	mg/m³ Air	2	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*60-135*		"	"	"	"	
Methyl tert-butyl ether	ND	0.28	ppmv	2	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*60-135*		"	"	"	"	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0862
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 20:36

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H25025 - EPA 5030B P/T / LUFT GCMS										
Blank (6H25025-BLK1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air							
Gasoline Range Organics (C4-C12)	ND	14	ppmv							
Surrogate: 1,2-Dichloroethane-d4	*2.65*		*mg/m³ Air*	*2.50*		*106*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.629*		*ppmv*	*0.594*		*106*	*60-135*			
Laboratory Control Sample (6H25025-BS1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Gasoline Range Organics (C4-C12)	627	50	mg/m³ Air	700		90	53-126			
Gasoline Range Organics (C4-C12)	178	14	ppmv	199		89	70-124			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*"*	*0.594*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*mg/m³ Air*	*2.50*		*97*	*60-135*			
Laboratory Control Sample (6H25025-BS2)				Prepared: 08/25/06 Analyzed: 08/26/06						
Gasoline Range Organics (C4-C12)	492	50	mg/m³ Air	440		112	75-140			
Gasoline Range Organics (C4-C12)	140	14	ppmv	125		112	75-140			
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*"*	*0.594*		*99*	*60-145*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*mg/m³ Air*	*2.50*		*99*	*60-145*			
Duplicate (6H25025-DUP1)	**Source: MPH0857-01**			Prepared: 08/25/06 Analyzed: 08/26/06						
Gasoline Range Organics (C4-C12)	ND	14	ppmv		ND				200	
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air		ND				200	
Surrogate: 1,2-Dichloroethane-d4	*0.646*		*ppmv*	*0.594*		*109*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.72*		*mg/m³ Air*	*2.50*		*109*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0862
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 20:36

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H25025 - EPA 5030B P/T / EPA 8260B										
Blank (6H25025-BLK1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	ND	0.16	ppmv							
Benzene	ND	0.50	mg/m³ Air							
Ethylbenzene	ND	0.12	ppmv							
Ethylbenzene	ND	0.50	mg/m³ Air							
Methyl tert-butyl ether	ND	0.14	ppmv							
Methyl tert-butyl ether	ND	0.50	mg/m³ Air							
Toluene	ND	0.13	ppmv							
Toluene	ND	0.50	mg/m³ Air							
Xylenes (total)	ND	0.12	ppmv							
Xylenes (total)	ND	0.50	mg/m³ Air							
Surrogate: 1,2-Dichloroethane-d4	*0.629*		*ppmv*	*0.594*		*106*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.65*		*mg/m³ Air*	*2.50*		*106*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.629*		*ppmv*	*0.594*		*106*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.65*		*mg/m³ Air*	*2.50*		*106*	*60-135*			
Laboratory Control Sample (6H25025-BS1)				Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	2.83	0.16	ppmv	3.14		90	70-125			
Benzene	9.03	0.50	mg/m³ Air	10.0		90	70-125			
Ethylbenzene	2.26	0.12	ppmv	2.31		98	80-130			
Ethylbenzene	9.81	0.50	mg/m³ Air	10.0		98	80-130			
Methyl tert-butyl ether	2.65	0.14	ppmv	2.78		95	50-140			
Methyl tert-butyl ether	9.52	0.50	mg/m³ Air	10.0		95	50-140			
Toluene	9.19	0.50	"	10.0		92	70-120			
Toluene	2.44	0.13	ppmv	2.66		92	70-120			
Xylenes (total)	29.7	0.50	mg/m³ Air	30.0		99	85-125			
Xylenes (total)	6.84	0.12	ppmv	6.92		99	85-125			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*"*	*0.594*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*mg/m³ Air*	*2.50*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.577*		*ppmv*	*0.594*		*97*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		*mg/m³ Air*	*2.50*		*97*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0862
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 20:36

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H25025 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (6H25025-BS2)				Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	5.11	0.50	mg/m³ Air	5.16		99	70-125			
Benzene	1.60	0.16	ppmv	1.62		99	70-125			
Ethylbenzene	7.24	0.50	mg/m³ Air	7.54		96	80-130			
Ethylbenzene	1.67	0.12	ppmv	1.74		96	80-130			
Methyl tert-butyl ether	2.24	0.14	"	1.95		115	50-140			
Methyl tert-butyl ether	8.06	0.50	mg/m³ Air	7.02		115	50-140			
Toluene	35.3	0.50	"	37.2		95	70-120			
Toluene	9.39	0.13	ppmv	9.89		95	70-120			
Xylenes (total)	40.2	0.50	mg/m³ Air	41.2		98	85-125			
Xylenes (total)	9.29	0.12	ppmv	9.51		98	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*mg/m³ Air*	*2.50*		*99*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*ppmv*	*0.594*		*99*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*mg/m³ Air*	*2.50*		*99*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*ppmv*	*0.594*		*99*	*60-135*			
Duplicate (6H25025-DUP1)	**Source: MPH0857-01**			Prepared: 08/25/06 Analyzed: 08/26/06						
Benzene	ND	0.50	mg/m³ Air		ND				200	
Benzene	ND	0.16	ppmv		ND				200	
Ethylbenzene	ND	0.50	mg/m³ Air		ND				200	
Ethylbenzene	ND	0.12	ppmv		ND				200	
Methyl tert-butyl ether	ND	0.14	"		ND				200	
Methyl tert-butyl ether	ND	0.50	mg/m³ Air		ND				200	
Toluene	ND	0.50	"		ND				200	
Toluene	ND	0.13	ppmv		ND				200	
Xylenes (total)	ND	0.50	mg/m³ Air		ND				200	
Xylenes (total)	ND	0.12	ppmv		ND				200	
Surrogate: 1,2-Dichloroethane-d4	*2.72*		*mg/m³ Air*	*2.50*		*109*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.646*		*ppmv*	*0.594*		*109*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.72*		*mg/m³ Air*	*2.50*		*109*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.646*		*ppmv*	*0.594*		*109*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0862
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 20:36

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennesee
- ☐ Calscience
- ☑ Other Test America

NAME OF PERSON TO BILL: Denis Brown
- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 0 8 8 2 5 0

PO #:

SAP or CRMT #:

DATE: 8-24-6

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:
Cambria Environmental Technology, Inc.	CETS

ADDRESS:
270 Perkins Street, Sonoma, CA 95476

PROJECT CONTACT (Hardcopy or PDF Report to):		
Dan Lescure		
TELEPHONE: 510-420-3306	FAX: 510-420-9170	E-MAIL: dlescure@cambria-env.com

SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
1230 14th Street, Oakland	CA	T0600101691

EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
Susan Lukaszewicz, Cambria, Sonoma	707-933-2376	sonomaedf@cambria-env.com	248-0233-012

SAMPLER NAME(S) (Print): VARTAN HANEDANIAN

LAB USE ONLY: MPH0862

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):
☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:
- ☐ EDD NOT NEEDED
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMB RATE APPLIES
- ☑ RECEIPT VERIFICATION REQUESTED

cc: afriel@cambria-env.com
Compliance Samples

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead ☐ Total ☐ STLC ☐ TCLP	LUFT5 ☐ Total ☐ STLC ☐ TCLP	CAM17 ☐ Total ☐ STLC ☐ TCLP	Test for Disposal (see attached)		TEMPERATURE ON RECEIPT C°
01	VW / AS-1	8-24	12:15	VA	1	X		X		X																Tedlar Bag

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Vartan Hanedanian		8/24/06	1429
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	MH	8/24/06	1825
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Q&Q Graphic (714) 898-9702

07/14/06 Revision

Oakland 1230 14th\Remediation\GWE SVE Test Aug06\COC/SVE

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: SHELL
REC. BY (PRINT): EH
WORKORDER: MPH0862

DATE REC'D AT LAB: 8/21/06
TIME REC'D AT LAB: 1825
DATE LOGGED IN: 8/25/06

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER YES / (NO)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*									
2. Chain-of-Custody (Present) / Absent*									
3. Traffic Reports or Packing List: Present / (Absent)									
4. Airbill: Airbill / Sticker Present / (Absent)									
5. Airbill #:									
6. Sample Labels: (Present) / Absent									
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody									
8. Sample Condition: (Intact) / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*									
10. Sample received within hold time? (Yes) / No*									
11. Adequate sample volume received? (Yes) / No*									
12. Proper preservatives used? (Yes) / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Read Temp: ____ Corrected Temp: ____ Is corrected temp 4 +/-2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)									
**Exception (if any): METALS / DFF ON ICE or Problem COC									

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 7
Replaces Rev 5 (07/13/04)
Effective 07/19/05

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6 September, 2006

Dan Lescure
Cambria - Sonoma (Shell)
270 Perkins St.
Sonoma, CA 95476

RE: 1230 14th Street, Oakland
Work Order: MPH0898

Enclosed are the results of analyses for samples received by the laboratory on 08/25/06 18:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen For Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0898
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VW/AS-1-A	MPH0898-01	Air	08/25/06 09:30	08/25/06 18:05
VW/AS-1-B	MPH0898-02	Air	08/25/06 14:00	08/25/06 18:05

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0898
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:28

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VW/AS-1-A (MPH0898-01) Air Sampled: 08/25/06 09:30 Received: 08/25/06 18:05									
Gasoline Range Organics (C4-C12)	**1300**	500	mg/m³ Air	10	6H27002	08/27/06	08/27/06 19:57	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-135*		*"*	*"*	*"*	*"*	
Gasoline Range Organics (C4-C12)	**380**	140	ppmv	10	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-135*		*"*	*"*	*"*	*"*	
VW/AS-1-B (MPH0898-02) Air Sampled: 08/25/06 14:00 Received: 08/25/06 18:05									
Gasoline Range Organics (C4-C12)	**3200**	500	mg/m³ Air	10	6H27002	08/27/06	08/27/06 20:27	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		*"*	*"*	*"*	*"*	
Gasoline Range Organics (C4-C12)	**900**	140	ppmv	10	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		*"*	*"*	*"*	*"*	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0898
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:28

Purgeable Hydrocarbons and Volatile Organic Compounds by EPA method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VW/AS-1-A (MPH0898-01) Air Sampled: 08/25/06 09:30 Received: 08/25/06 18:05									
Methyl tert-butyl ether	ND	5.0	mg/m³ Air	10	6H27002	08/27/06	08/27/06 19:57	EPA 8260B	
Benzene	**19**	5.0	"	"	"	"	"	"	
Toluene	**39**	5.0	"	"	"	"	"	"	
Ethylbenzene	**22**	5.0	"	"	"	"	"	"	
Xylenes (total)	**86**	5.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-135*		*"*	*"*	*"*	*"*	
Methyl tert-butyl ether	ND	1.4	ppmv	10	"	"	"	"	
Benzene	**5.9**	1.6	"	"	"	"	"	"	
Toluene	**10**	1.3	"	"	"	"	"	"	
Ethylbenzene	**5.1**	1.2	"	"	"	"	"	"	
Xylenes (total)	**20**	1.2	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-135*		*"*	*"*	*"*	*"*	
VW/AS-1-B (MPH0898-02) Air Sampled: 08/25/06 14:00 Received: 08/25/06 18:05									
Methyl tert-butyl ether	ND	5.0	mg/m³ Air	10	6H27002	08/27/06	08/27/06 20:27	EPA 8260B	
Benzene	**81**	5.0	"	"	"	"	"	"	
Toluene	**98**	5.0	"	"	"	"	"	"	
Ethylbenzene	**49**	5.0	"	"	"	"	"	"	
Xylenes (total)	**160**	5.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		*"*	*"*	*"*	*"*	
Methyl tert-butyl ether	ND	1.4	ppmv	10	"	"	"	"	
Benzene	**26**	1.6	"	"	"	"	"	"	
Toluene	**26**	1.3	"	"	"	"	"	"	
Ethylbenzene	**11**	1.2	"	"	"	"	"	"	
Xylenes (total)	**37**	1.2	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		*"*	*"*	*"*	*"*	

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0898
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:28

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H27002 - EPA 5030B P/T / LUFT GCMS										
Blank (6H27002-BLK1)				Prepared & Analyzed: 08/27/06						
Gasoline Range Organics (C4-C12)	ND	14	ppmv							
Gasoline Range Organics (C4-C12)	ND	50	mg/m³ Air							
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*ppmv*	*0.594*		*99*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*mg/m³ Air*	*2.50*		*99*	*60-135*			
Laboratory Control Sample (6H27002-BS1)				Prepared & Analyzed: 08/27/06						
Gasoline Range Organics (C4-C12)	460	50	mg/m³ Air	440		105	53-126			
Gasoline Range Organics (C4-C12)	130	14	ppmv	125		104	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.38*		*mg/m³ Air*	*2.50*		*95*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.565*		*ppmv*	*0.594*		*95*	*60-135*			
Duplicate (6H27002-DUP1)	**Source: MPH0898-02**			Prepared & Analyzed: 08/27/06						
Gasoline Range Organics (C4-C12)	1450	140	ppmv		900			47	200	
Gasoline Range Organics (C4-C12)	5120	500	mg/m³ Air		3200			46	200	
Surrogate: 1,2-Dichloroethane-d4	*0.620*		*ppmv*	*0.594*		*104*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.61*		*mg/m³ Air*	*2.50*		*104*	*60-135*			

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270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:28

Purgeable Hydrocarbons and Volatile Organic Compounds by EPA method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H27002 - EPA 5030B P/T / EPA 8260B										
Blank (6H27002-BLK1)				Prepared & Analyzed: 08/27/06						
Methyl tert-butyl ether	ND	0.14	ppmv							
Methyl tert-butyl ether	ND	0.50	mg/m³ Air							
Benzene	ND	0.50	"							
Benzene	ND	0.16	ppmv							
Toluene	ND	0.50	mg/m³ Air							
Toluene	ND	0.13	ppmv							
Ethylbenzene	ND	0.50	mg/m³ Air							
Ethylbenzene	ND	0.12	ppmv							
Xylenes (total)	ND	0.50	mg/m³ Air							
Xylenes (total)	ND	0.12	ppmv							
Surrogate: 1,2-Dichloroethane-d4	*0.589*		*"*	*0.594*		*99*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*mg/m³ Air*	*2.50*		*99*	*60-135*			
Laboratory Control Sample (6H27002-BS1)				Prepared & Analyzed: 08/27/06						
Methyl tert-butyl ether	2.15	0.14	ppmv	1.95		110	50-140			
Methyl tert-butyl ether	7.74	0.50	mg/m³ Air	7.02		110	50-140			
Benzene	5.03	0.50	"	5.16		97	70-125			
Benzene	1.58	0.16	ppmv	1.62		98	70-125			
Toluene	34.6	0.50	mg/m³ Air	37.2		93	70-120			
Toluene	9.20	0.13	ppmv	9.89		93	70-120			
Ethylbenzene	7.33	0.50	mg/m³ Air	7.54		97	80-130			
Ethylbenzene	1.69	0.12	ppmv	1.74		97	80-130			
Xylenes (total)	41.2	0.50	mg/m³ Air	41.2		100	85-125			
Xylenes (total)	9.50	0.12	ppmv	9.51		100	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.38*		*mg/m³ Air*	*2.50*		*95*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.565*		*ppmv*	*0.594*		*95*	*60-135*			
Duplicate (6H27002-DUP1)	**Source: MPH0898-02**			Prepared & Analyzed: 08/27/06						
Methyl tert-butyl ether	ND	1.4	ppmv		ND				200	
Methyl tert-butyl ether	ND	5.0	mg/m³ Air		ND				200	
Benzene	60.3	5.0	"		81			29	200	
Benzene	18.9	1.6	ppmv		26			32	200	
Toluene	125	5.0	mg/m³ Air		98			24	200	
Toluene	33.3	1.3	ppmv		26			25	200	
Ethylbenzene	74.8	5.0	mg/m³ Air		49			42	200	
Ethylbenzene	17.3	1.2	ppmv		11			45	200	

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270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:28

Purgeable Hydrocarbons and Volatile Organic Compounds by EPA method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H27002 - EPA 5030B P/T / EPA 8260B										
Duplicate (6H27002-DUP1)	**Source: MPH0898-02**			Prepared & Analyzed: 08/27/06						
Xylenes (total)	285	5.0	mg/m³ Air		160			56	200	
Xylenes (total)	65.7	1.2	ppmv		37			56	200	
Surrogate: 1,2-Dichloroethane-d4	*2.61*		*mg/m³ Air*	*2.50*		*104*	*60-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.620*		*ppmv*	*0.594*		*104*	*60-135*			

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Cambria - Sonoma (Shell)	Project: 1230 14th Street, Oakland	MPH0898
270 Perkins St.	Project Number: 248-0233-012	**Reported:**
Sonoma CA, 95476	Project Manager: Dan Lescure	09/06/06 21:28

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☒ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennesee
- ☐ Calscience
- ☑ Other_____

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV / FE ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 0 8 8 2 5 0

PO #:

SAP or CRMT #:

DATE: 8/25/06

PAGE: _____ of _____

SAMPLING COMPANY:	LOG CODE:
Cambria Environmental Technology, Inc.	CETS

ADDRESS: 270 Perkins Street, Sonoma, CA 95476

PROJECT CONTACT (Hardcopy or PDF Report to): Dan Lescure

TELEPHONE:	FAX:	E-MAIL:
510-420-3306	510-420-9170	dlescure@cambria-env.com

SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
1230 14th Street, Oakland	CA	T0600101691

EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
Susan Lukaszewicz, Cambria, Sonoma	707-933-2376	sonomaedf@cambria-env.com	248-0233-012

SAMPLER NAME(S) (Print): Mark Johnson

LAB USE ONLY: MPH0898

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

"Compliance Samples"

cc: afriel@cambria-env.com

☐ EDD NOT NEEDED
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead ☐ Total ☐ STLC ☐ TCLP	LUFT5 ☐ Total ☐ STLC ☐ TCLP	CAM17 ☐ Total ☐ STLC ☐ TCLP	Test for Disposal (see attached)		TEMPERATURE ON RECEIPT C°
	VW/AS-1-A	8/25	09:31	VA	1	X		X		X																Tedlar Bag
	VW/AS-1-B	8/25	14:00	VA	1	X		X		X																

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Mark Johnson		8/25/06	1405
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	(MH)	8/25/06	1805
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

d 1230 14th\Remediation\GWE SVE Test Aug06\COC/SVE

07/14/06 Revision

C&Q Graphic (714) 895-9702

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Cambria
REC. BY (PRINT) EB
WORKORDER: MPH0898

DATE REC'D AT LAB: 8-25-06
TIME REC'D AT LAB: 1805
DATE LOGGED IN: 8-25-06

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent / Intact / Broken*									
2. Chain-of-Custody Present / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #:									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. **Does information on chain-of-custody, traffic reports and sample labels agree?** Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Read Temp: — Corrected Temp: — Is corrected temp 4 +/-2°C? Yes / No** (Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS / DFF ON ICE or Problem COC wet low									

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 7
Replaces Rev 5 (07/13/04)
Effective 07/19/05