R0516

## CAMBRIA

July 21, 2004

Mr. Don Hwang Alameda County Department of Environmental Health UST Local Oversight Program 1131 Harbor Bay Parkway, 2nd Floor Alameda, California 94502

Re:

Closure Request

Hooshi's Auto Service 1499 MacArthur Boulevard Oakland, California 94602 Cambria Project No. 129-0741





Dear Mr. Hwang:

On behalf of Ms. Naomi Gatzke, Cambria Environmental Technology, Inc. (Cambria) requests case closure for the above referenced facility. Based on our review of the site background and conditions, Cambria believes that this site meets the Regional Water Quality Control Board - San Francisco Bay Region's (RWQCB-SFBR's) definition of a low-risk fuel site, as described in their memorandum "Interim Guidance on Required Cleanup at Low-Risk Fuel Sites", dated January 5, 1996. A summary of site background, site conditions and the applicability of low-risk fuel site criteria are addressed below.

#### SITE BACKGROUND

## Site Description

The site currently operates as an automobile service business and is located at 1499 MacArthur Boulevard in Oakland, California (Figures 1 and 2). Prior to 1990, the site operated as a gasoline service station. It is located in a commercial and residential area and is bounded by MacArthur Boulevard to the north, 14<sup>th</sup> Avenue to the east, Interstate 580 to the south, and an abandoned residence to the west (Figures 1 and 2). The surrounding topography is relatively hilly and slopes to the south.

#### **Previous Investigative and Remedial Activities**

Cambria Environmental Technology, Inc.

UST Removal Activities: Three underground storage tanks (USTs) were removed from the site by "others" in October 1990, after which subsurface soil sampling was performed. The size, construction, contents, and condition of the USTs were not reported. No observations of a release,

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

1499 MacArthur Blvd., Oakland
July 21, 2004
soil or groundwater sampling, number or location of piping and/or dispenser locations, or waste manifests were included in the reviewed report.

Subsurface Assessment Activities: A subsurface assessment was conducted by "others" in 1993, during which three groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed at the site. Results of this assessment indicated that the soil and groundwater beneath the site were impacted by petroleum hydrocarbons that may have leaked from the former USTs.



Phase II Site Characterization: Century West Engineering Corporation (CWEC) performed site characterization activities as described in their Report of Phase II Site Characterization dated August 30, 1996 for the subject site. This report indicated that:

- On June 24, 1996, CWEC advanced 12 Geoprobe™ borings to a maximum depth of approximately 20 feet (ft) below ground surface (bgs) to collect soil and groundwater samples.
- On June 27, 1996, CWEC installed three groundwater monitoring wells (MW-4, MW-5, and MW-6). CWEC concluded that high concentrations of hydrocarbons in soil and groundwater, and separate phase hydrocarbons (SPH) are probably limited to the UST excavation vicinity (Figure 2). See boring logs and well construction details included in Appendix A.
- In July 1996, CWEC performed a soil vapor extraction (SVE) pilot test at three monitoring wells (MW-1, MW-2, and MW-5) and also performed a hydraulic slug test in two site wells. Soil vapor samples were collected during the pilot test. As a result of the pilot test, CWEC concluded that significant vacuum influence was observed in wells MW-1, MW-2, MW-3, and MW-5 and high concentrations of volatile organic compounds (VOCs) were measured in vapor samples collected from wells MW-1, MW-2, and MW-5. Vacuum influence was not observed at wells MW-4 or MW-6.
- As a result of the hydraulic slug tests, CWEC concluded the hydraulic conductivity (K) of aquifer materials at locations MW-1 and MW-3 had a K value of 1.0x10<sup>-5</sup> centimeters per second (cm/s) and 2.6x10<sup>-5</sup> cm/s, respectively.

Remedial Activities: On September 19, 2000, Cambria installed a SVE remediation system. Monitoring wells MW-1, MW-2, and MW-5 were connected to the system. On October 23, 2000, inwell air sparging was initiated in wells MW-2 and MW-5 to help remove any remaining SPH. The

SVE system operations were performed for eight months (September 2000 through April 2001) and were subsequently halted due to low hydrocarbon removal rates. A total of 16.5 pounds of hydrocarbons were removed during the SVE activities. SVE helped significantly reduce the dissolved-phase hydrocarbon concentrations in monitoring wells in MW-2 and MW-5.

Groundwater Monitoring: Groundwater onsite has been monitored and sampled from January 1993 to the present. During the fourth quarter 2000, groundwater levels rose approximately 5 ft and have remained at these levels to date. However, groundwater levels are still within the well screen intervals of 5 to 20 ft (see well construction details in Appendix A). Since the fourth quarter of 2000, groundwater depths have fluctuated between 5.73 and 14.05 feet (ft) below ground surface (bgs). Seasonal groundwater depth fluctuations have been relatively flat with first and second quarter groundwater depths usually being slightly less than the third and fourth quarters. The second quarter 2004 groundwater monitoring and sampling data and other historical groundwater data are presented as Table 1.



#### **EXISTING SITE CONDITIONS**

Groundwater depth and gradient: Previous to the fourth quarter 2000, the depth to groundwater had ranged from approximately 8.15 to 18.55 ft bgs and groundwater tended to mound in the vicinity of MW-2. Since the fourth quarter 2000 event, the depth to groundwater has ranged from approximately 6.90 to 14.05 ft bgs and the gradient has generally been towards the southwest.

Geologic Setting: The site is located within the 14<sup>th</sup> Avenue Creek drainage, which flows towards the west into Brooklyn Basin of the San Francisco Bay. Local topography slopes generally to the southwest towards the San Francisco Bay. Based on the Department of the Interior U.S. Geological Survey, Geologic Map of the Hayward Fault Zone, 1995, 1:500,000 scale, the surface site geology consists of undivided Quaternary surficial deposits. Berkeley Hills are located immediately east of the site and consist of Tertiary, Jurassic Great Valley Sequence, and Cretaceous Franciscan Complex sediments resulting from movement along the Hayward fault system.

Based on previous studies, soil material beneath the site consists of three general units. The first unit encountered is fill material, consisting of poorly graded sands, gravels, and clay materials, from 0 to 6 ft bgs. Underlying the fill material is clay approximately 4 to 8 ft in thickness. The third unit is clayey sand, which has been observed to the total explored depth of 20 ft bgs. Boring logs are presented in Appendix A.

Site Hydrogeology: Based on the regional topography and the results from 11 years of groundwater monitoring, the groundwater beneath the site flows in a southwesterly direction, towards the San Francisco Bay. According to the California Regional Water Quality Control Board San Francisco Bay Region's Water Quality Control Plan, the site is located in East Bay Plain Groundwater Basin within the South Bay Basin hydrologic planning area. This groundwater basin has been designated as existing beneficial use for municipal and domestic, industrial process, industrial service, and agricultural water supplies.



## **Hydrocarbon Distribution in Soil**

Sample results from borings indicated that hydrocarbons were concentrated below 11.5 ft bgs (Appendix B). Sample results from the borings suggest that the fuel release occurred near the former USTs. The highest TPHg and benzene concentration detected in soil samples was 860 milligrams per kilogram (mg/kg) and 3.1 mg/kg, respectively in boring G-9 at 12.5 ft bgs. The total volume of impacted soil excavated and removed from the site in connection with the UST removal was not reported in reviewed reports.

## **Hydrocarbon Distribution in Groundwater**

Groundwater at the site is currently monitored by six monitoring wells, MW-1 through MW-6. As shown in hydrocarbon concentration trend graphs, TPHg and benzene concentrations in all of the site wells have steadily decreased (Appendix C). SPH was observed in wells MW-2 and MW-5 until August 2000. Since then, the highest TPHg and benzene concentration detected in groundwater was in well MW-2 on December 1, 2000 at 260,000 micrograms per liter (µg/L) and 1,100 µg/L, respectively. During the second quarter 2004 groundwater monitoring event the highest TPHg and benzene concentration detected was in well MW-2 at 37,000 µg/L and 840 µg/L, respectively. The highest MTBE concentration detected in groundwater was in well MW-1 in June 1996 at 80 µg/L. No MTBE was detected during the last five groundwater monitoring events (Table 1). Based on recent groundwater monitoring events the hydrocarbon plume appears to be confined to the site.

#### REGULATORY STATUS REVIEW AND RECOMMENDATIONS

#### RWQCB-SFBR Guidelines

The site appears to meet the RWQCB-SFBR criteria for a low-risk fuel site. As described by the January 5, 1995 RWQCB-SFBR memorandum Regional Board Supplemental Instructions to State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low-Risk Fuel Sites, a low-risk groundwater case has the following general characteristics:



- The leak has stopped and ongoing sources, including SPH, have been removed or remediated;
- The site has been adequately characterized;
- The dissolved hydrocarbon plume is not migrating;
- No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted; and
- The site presents no significant risk to human health or the environment.

Each of the low-risk groundwater case characteristics, as they relate to the site, are discussed below.

The Leak Has Stopped and Ongoing Sources, Including SPH, Have Been Removed: The site is currently being used as a automobile service business without USTs and none of the former fuel dispensing facilities remain. The three former fuel USTs and the dispenser islands were removed from the site in October 1990. In-well air sparging was initiated in wells MW-2 and MW-5 to help remove any remaining SPH. SVE removed the remaining SPH and significantly reduced the dissolved-phase hydrocarbon concentrations in monitoring wells in MW-2 and MW-5. With the removal of the USTs and SPH the source of hydrocarbons has been substantially removed.

The Site Has Been Adequately Characterized: A total of 12 soil borings have been advanced, 17 soil samples have been collected and analyzed, and 6 monitoring wells have been installed since 1993. Currently onsite there are two source area monitoring wells (MW-2 and MW-5), one upgradient well (MW-1), one crossgradient well (MW-3), and two downgradient wells (MW-4 and MW-6). No hydrocarbon impact was detected in soil from borings MW-4, MW-6, G-4, G-5, G-6, G-7B, and G-8. Hydrocarbon impacted soil appears to be limited to onsite.

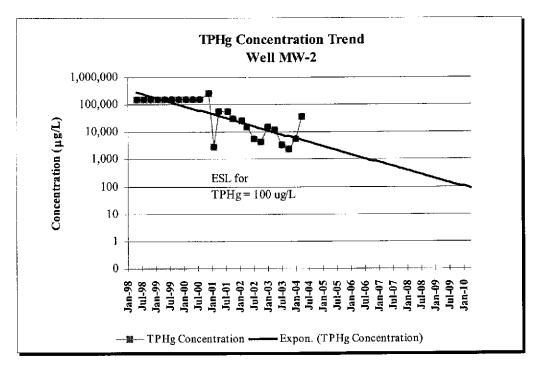
Since 1993, a total of 143 groundwater samples have been collected and analyzed during 31 groundwater monitoring events and one grab groundwater event. Groundwater monitoring data indicates that the hydrocarbon plume is collapsing. Overall, the extent of impact to soil and groundwater has been defined to the degree necessary to determine if the site poses a threat to human health, the environment, or other sensitive receptors.



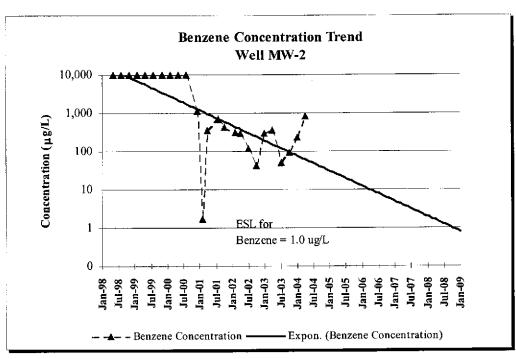
The Dissolved Hydrocarbon Plume Is Not Migrating: Based on recent groundwater monitoring events the hydrocarbon plume is confined to the site. The downgradient (MW-4) and crossgradient (MW-6) wells have had non-detectable levels of hydrocarbons since October 2002. The decreasing hydrocarbon concentrations in groundwater onsite indicates that natural attenuation is remediating the site hydrocarbons at a rate which exceeds the rate of hydrocarbon loading to groundwater and the plume in groundwater is shrinking. Therefore, the hydrocarbon plume is not migrating. The plume is expected to shrink due to natural attenuation processes until site hydrocarbons are remediated. Concentrations of TPHg and benzene in source area well MW-2 have been calculated to decrease to below respective Environmental Screening Levels <sup>1</sup> (ESLs) and Maximum Contaminant Level<sup>2</sup> (MCL) for benzene by approximately 2010. See concentration versus time graphs below and on the following page for the calculated time till TPHg and benzene degrade below the ESLs.

<sup>1</sup> California Regional Water Quality Control Board, San Francisco Bay Region, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Volume 1: Summary Tier 1 Lookup Tables, INTERIM FINAL July 2003.

<sup>2</sup> California Department of Health Services, Title 22, California Code of Regulations, Division 4. Environmental Health, Chapter 15. Domestic Water Quality and Monitoring, Article 5.5. Primary Standards-Organic Chemicals, Section 64444. General requirements, Table 6444-A Maximum Contaminant Levels Organic Chemicals, September 12, 2003.







No Water Wells, Deeper Drinking Water Aquifers, Surface Water, or Other Sensitive Receptors are Likely to be Impacted: On April 8, 2004, Cambria performed a door-to-door survey for beneficial use wells (e.g., municipal supply, domestic, irrigation, etc.) and surface water bodies within 250 ft of the site. Cambria did not locate any surface water bodies or beneficial use wells within 250 ft of the site. Central Reservoir, located approximately 1,600 ft east (crossgradient) of the site, is the closest surface water body. Given the absence of surface water or water wells near the site, and the fact that the plume is not migrating, no water wells, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted by the site hydrocarbons. See Appendix D for the well survey questionnaires and responses.



The Site Presents No Significant Risk to Human Health or the Environment: To assess the potential health risks to occupants of the site and adjacent property, Cambria compared site hydrocarbon concentrations with the ESLs (Table 1). The exposure pathways evaluated include both groundwater as a potential source of drinking water and groundwater not a current or potential source of drinking water. Concentrations of TPHg and benzene in well MW-2 and MW-5 have been calculated to decrease to below respective ESLs by 2010 (Appendix C). We therefore conclude that the current onsite and offsite conditions do not pose a significant risk to existing or future human occupants of the site or offsite property. Ongoing natural attenuation will further decrease the potential health risk to human receptors. Because the plume is shrinking and is not expected to extend from the site, there is no significant risk to surface water, wetlands or other ecological receptors.

#### **CONCLUSIONS AND RECOMMENDATIONS**

The fueling facilities have been removed from the site, groundwater monitoring has shown that the residual hydrocarbon plume is shrinking, and residual hydrocarbons in soil and groundwater do not pose a significant risk to offsite or future onsite receptors. Based on these facts, the site satisfies the RWQCB-SFBR criteria for a low-risk fuel site. Therefore, on behalf of Ms. Gatzke, we request case closure for the site.

## **CLOSING**

Thank you for your considering this closure request. If you have any questions or comments regarding this site, please call Matthew Meyers at (510) 420-3314.

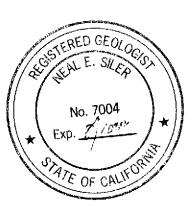
Sincerely,

Cambria Environmental Technology, Inc.

Matthew A. Meyers Senior Staff Geologist

Neal Siler, R.G., R.E.A.

Senior Project Geologist



## **ATTACHMENTS**

Figures:

1 - Vicinity Map

2 - Groundwater Elevation Contour and Hydrocarbon Concentration Map

Tables:

1 - Groundwater Elevation and Analytical Data

Appendices:

A - Boring Logs and Well Construction Details

B - Soil Analytical Data from Previous Consultant

C – Hydrocarbon Concentration Graphs

D - Well Survey Questionnaires

cc: Ms. Naomi Gatzke, 1545 Scenic View Drive, San Leandro, California 94577

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## Hooshii's Auto Service

1499 MacArthur Boulevard Oakland, California



**Vicinity Map** 

CAMBRIA

250 Foot Radius

Oakland, California

1499 MacAurthur Boulevard Hooshi's Auto Service

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# and Hydrocarbon Concentration Map April 2, 2004

MW-6 173.07 172.50 Chain Link Fence Groundwater Elevation Contour 172.00 Office Area 171.50 MW-4 Auto Repair Shop 171.15 Former Remediation G-6 @ 355 Enclosure 100 172.00 Vacant Lot **6.736** INTERSTATE 580 Well ID ELEV FIGURE MITTE Scale (ft)

MAC ARTHUR BLVD. G-7a @ G-8 ⊕ G-5 @ G-4 MW-5 173.81 4300 61 45 MW-3 173.82 MW-1 173.54 145 0.62 -0.0 M M M 173,00 G-2 Former UST Cavity 173.50 10 172.50 Canopy Adjacent Building (Abandoned Residence) MW-2 173.95 @ G-9 172.00 @ G-3b @ G-3a ⊕ G-6 173.00 2 **EXPLANATION** Monitoring well location Soil boring location Sampled annually Benzene isoconcentration contour line Groundwater elevation contour Groundwater flow direction and gradient Well Identification Groundwater elevation in feet relative to an arbitrary datum TPHg. Benzene and MTBE concentrations are in micrograms per liter ( µg/L)

Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID	Date	Depth to Groundwater	Groundwater Elevation	SPH Thickness	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
TOC (ft*)		(ft)	(ft**)	(ft)	<		( <u></u>	ιg/L) <del></del>		<del></del>	
	ESL Groundwater is a C	Current or Poten	tial Source of Dr	inking Water:	100	1.0	40	30	13	5.0	
	ESL G	roundwater is No	ot a Source of Di	inking Water:	500	46	130	290	13	1,800	<u> </u>
MW-1	1/4/1993				539	130	12	22 .	13		
181.00	4/22/1993				1,130	75	8.0	38	11		
	12/27/1994				770	22	6.6	14	21		
	6/27/1996	14.11	166.89		3,300	260	34	59	170	80	
	12/10/1996	13.71	167.29		1,500	84	11	22	32	34	
	5/8/1998	13.85	167.15		3,200	300	12	62	36	<120	a
	8/17/1998	14.11	166.89		1,700	160	18	32	27	39	a
	11/4/1998	. 14.28	166.72		1,100	11	4.3	3.6	6.5	<50	a
	2/17/1999	13.41	167.59		320	200	47	72	75	57	а
	5/27/1999	14.16	166.84		2,500	81	12	29	41	<80	а
	8/19/1999	14.18	166.82		780	19	< 0.5	5.7	4.5	28	a
180.83	11/23/1999	14.43	166.40		1,300	24	0.64	1.8	3.3	<100	a
	2/17/2000	13.85	166.98		1,300	60	9.1	22	19	22 (16)	a,b
	5/9/2000	14.01	166.82		2,700	55	13	19	25	34 (29)	a
	8/15/2000	14.24	166.59							-	
	12/1/2000	8.75	172.08		480	6.4	5.9	1.1	3.9	18 (21)	a
180.63	2/8/2001	8.49	172.14		64	<0.5	< 0.5	< 0.5	< 0.5	6.1 (5.6)	a,c
	4/9/2001	8.71	171.92								
	4/24/2001	7.90	172.73		77	< 0.5	< 0.5	< 0.5	< 0.5	5.6 (3.7)	С
	8/6/2001	8.83	171.80		140	1.7	0.55	<0.5	0.63	5.8 (4.0)	a
	10/22/2001	8.91	171.72		120	0.92	<0.5	<0.5	0.59	11(10)	а
	2/1/2002	8.15	172.48		<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
	4/19/2002	8.63	172.00		<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/16/2002	8.79	172.84		<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	10/3/2002	8.90	171.73		110	<0.5	<0.5	< 0.5	<0.5	<5.0	f
	1/10/2003	7.93	172.70	_	<50	<0.5	0.74	<0.5	<0.5	<5.0	-
	4/21/2003	8.17	172.46	<del></del>	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/9/2003	8.92	171.71		<50	<0.5	<0.5	<0.5	< 0.5	< 5.0	

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Well ID	Date	Depth to Groundwater	Groundwater Elevation	SPH Thickness	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
TOC (ft*)		(ft)	(ft**)	(ft)	<u> </u>			ug/L)		<b>&gt;</b>	
	ESL Groundwater is a C		`		100	1.0	40	30	13	5.0	
		oundwater is No	-	-	500	46	130	290	13	1,800	
MW-I	10/7/2003	9.13	171.50		<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
cont'd	1/22/2004	8.20	172.43		<50	< 0.5	< 0.5	< 0.5	<0.5	<5.0	
	4/2/2004	7.09	173.54		110	0.52	<0.5	<0.5	<0.5	<5.0	
MW-2	1/4/1993		16-46		149,000	21,700	25,000	ND	7,760		
180.45	4/22/1993				136,300	9,900	15,870	15,300	2,190		
	12/27/1994				94,000	11,000	18,000	2,700	16,000		
	6/27/1996	12.61	168.64	1.00							
	12/10/1996	11.10	169.55	0.25							
	5/8/1998	10.81	169.66	0.03							
	8/17/1998	12.16	168.31	0.02							
	11/4/1998	12.61	167.86	0.02							
	2/17/1999	9.82	170.66	0.04							
	5/27/1999	11.07	169.48	0.13							
	8/19/1999	12.79	167.68	0.02							
180.24	11/23/1999	12.14	168.20	0.12							
	2/17/2000	10.01	170.37	0.18							
	5/9/2000	10.88	169.38	0.03							
	8/15/2000	12.28	167.97	0.01	_						
	12/1/2000	8.03	172.21		260,000	1,100	5,000	1,900	17,000	<100	a
	2/8/2001	7.86	172.38		2,900	1.7	14	5.0	140	<5.0	c,d
	4/9/2001	7.95	172.29								
	4/24/2001	6.90	173.34		56,000	360	980	1,000	4,700	<5.0	a,b
	8/6/2001	8.15	172.09		54,000	680	1,900	1,500	7,800	<200 (<10)	a,b,j
	10/22/2001	8.22	172.02		32,000	420	770	1,100	4,100	<250	a,b
	2/1/2002	8.07	172.17		26,000	310	490	920	1,600	<1,000	a
	4/19/2002	8.60	171.64		16,000	300	240	1,000	990	<100	а
	7/16/2002	8.21	172.03		5,700	120	18	340	15	<50	a

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Well ID	Date	Depth to Groundwater	Groundwater Elevation	SPH Thickness	ТРНg	Benzene	Toluene	Ethylbenzene	Xylenes	МТВЕ	Notes
TOC (ft*)		(ft)	(ft**)	(ft)	_			лв/L) <del></del>		<u>&gt;</u>	
	ESL Groundwater is a C			_	100	1.0	40	30	13	5.0	
····-	ESL G	roundwater is No	ot a Source of Di	inking Water:	500	46	130	290	13	1,800	
MW-2	10/3/2002	8.14	172.10		4,400	44	16	68	20	<25	a
cont'd	1/10/2003	6.98	173.26		16,000	300	320	580	830	<100	a,b
	4/21/2003	7.25	172.99		12,000	350	260	610	380	< 50	a
	7/9/2003	7.99	172.25		3,300	51	7.4	47	2.8	<17	a
	10/7/2003	8.21	172.03		2,400	93	11	34	22	<50	a
	1/22/2004	7.24	173.00		5,900	240	130	350	200	<50	a
	4/2/2004	6.29	173.95	-	37,000	840	1,500	1,300	5,900	<500	a
MW-3	1/4/1993				1,610	772	14	11	ND		
79.94	4/22/1993				3,040	980	34	19	16		
	12/27/1994			<b>#</b> L	2,600	180	9.0	7.2	13		
	6/27/1996	13.20	166.74		2,000	22	2.9	11	7.4	56	
	12/10/1996	13.13	166. <b>81</b>		970	<0.5	< 0.5	< 0.5	<0.5	24	
	5/8/1998	13.03	166.91		780	3.7	2.1	1.1	2.4	<32	а
	8/17/1998	13.22	166.72		870	2.8	< 0.5	< 0.5	3.7	<5.0	b,c
	11/4/1998	13.31	166.63		770	1.6	4.4	2.0	6.9	<30	c
	2/17/1999	12.89	167.05		650	6.2	3.4	1.5	2.6	<5.0	b,c
	5/27/1999	12.32	167.62		570	1.5	1.2	0.72	1.1	<20	a
	8/19/1999	13.19	166.75		830	< 0.5	1.9	< 0.5	1.3	<20	c,d
179.55	11/23/1999	13.26	166.29		900	< 0.5	1.8	0.56	1.4	<20	c,d
	2/17/2000	12.78	166.77		250	< 0.5	1.5	<0.5	0.62	<5.0	d
	5/9/2000	12.92	166.63		690	< 0.5	2.1	0.85	1.6	<5.0	a
	8/15/2000	13.19	166.36		610	< 0.5	2.3	0.75	1.2	<5.0	c,d
	12/1/2000	7.50	172.05		120	< 0.5	0.90	0.65	0.62	<5.0	c,đ
	2/8/2001	7.20	172.35		87	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	c,d
	4/9/2001	7.33	172.22	_	<50	<0.5	< 0.5	< 0.5	< 0.5	< 5.0	
	8/6/2001	7.61	171.94		<50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	
	10/22/2001	7.58	171.97	_	<50	<0.5	< 0.5	< 0.5	< 0.5	<5.0	

Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID	Date	Depth to Groundwater	Groundwater Elevation	SPH Thickness	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
TOC (ft*)		(ft)	(ft**)	(ft)	<u> </u>			лg/L) <del></del>		<del>&gt;</del>	
ESL Gro	undwater is a C	urrent or Poteni	tial Source of Dr	inking Water:	100	1.0	40	30	13	5.0	
	ESL Gr	oundwater is No	ot a Source of Dr	inking Water:	500	46	130	290	13	1,800	
MW-3	2/1/2002	7.53	172.02		<50	<0.5	< 0.5	<0.5	<0.5	8.5 (8.5)	
cont'd	4/19/2002	7.95	171.60		<50	<0.5	<0.5	<0.5	< 0.5	9.0 (11)	
	7/16/2002	7.68	171.87		<50	< 0.5	<0.5	<0.5	< 0.5	20 (30)	
	10/3/2002	7.78	171.77		<50	< 0.5	<0.5	<0.5	<0.5	<5.0	
	1/10/2003	6.91	172.64		<50	< 0.5	< 0.5	< 0.5	<0.5	19 (16)	
ampled annually	4/21/2003	7.21	172.34							,	
	7/9/2003	8.05	171.50								
	10/7/2003	8.19	171.36		<50	<0.5	< 0.5	< 0.5	< 0.5	<5.0	
	1/22/2004	7.13	172.42								
	4/2/2004	5.73	173.82	-			_				
MW-4	6/27/1996	17.03	163.51		720	2	0.5	2.5	23	3.2	
180.54	12/10/1996	8.50	172.04		80	2.4	< 0.5	< 0.5	6.6	<2.0	
	5/8/1998	11.46	169.08		< 50	0.60	< 0.5	< 0.5	< 0.5	<5.0	
	8/17/1998	13.98	166.56		<50	< 0.5	< 0.5	< 0.5	0.5	<5.0	
	11/4/1998	14.36	166.18		96	9.7	8.1	4.8	18	<5.0	a
	2/17/1999	8.39	172.15		<50	<0.5	< 0.5	< 0.5	0.5	<5.0	
	5/27/1999	12.80	167.74		<50	< 0.5	1.0	< 0.5	2.9	<5.0	
	8/19/1999	14.42	166.12		<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
180.12	11/23/1999	14.63	165.49		<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
	2/17/2000	8.15	171.97	<del></del>	<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
	5/9/2000	12.81	167.31		< 50	< 0.5	< 0.5	<0.5	<0.5	<5.0	
	8/15/2000	14.29	165.83		<50	2.1	< 0.5	< 0.5	<0.5	<5.0	
	12/1/2000	12.80	167.32		81	6.0	8.4	1.0	5.6	<5.0	а
	2/8/2001	12.57	167.55	_	<50	<0.5	< 0.5	< 0.5	< 0.5	<5.0	
	4/9/2001	12.50	167.62	_	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	8/6/2001	14,00	166.12	<del></del>	59	1.5	< 0.5	<0.5	< 0.5	<5.0	a
	10/22/2001	14.05	166.07		130	6.3	<0.5	0.88	<0.5	<5.0	a

Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID TOC (ft*)	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft**)	SPH Thickness (ft)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	МТВЕ	Notes
	umdurator is a C	Current or Potent		, ,	100	1.0	40	30	13	5.0	
ESE Gro		urrem or roiem coundwater is No	•	-	500	46	130	290	13	1,800	
	EDE OI	ounawater is ive	u Bource of Di	mang water.	300	40	150	2,0		1,000	
MW-4	2/1/2002	13.47	166.65		<50	< 0.5	<0.5	<0.5	<0.5	<5.0	
cont'd	4/19/2002	13.55	166.57		<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
	7/16/2002	14.05	166.07		<50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	
	10/3/2002	13.09	167.03		77	2.1	0.51	< 0.5	<0.5	<5.0	a
	1/10/2003	12.04	168.08		<50	< 0.5	<0.5	<0.5	<0.5	20 (15)	a
	4/21/2003	12.15	167.97	-							
sampled annually	7/9/2003	12.90	167.22								
	10/7/2003	13.15	166.97		<50	< 0.5	< 0.5	< 0.5	<0.5	<5.0	
	1/22/2004	12.09	168.03				_				
	4/2/2004	8.97	171.15								
MW-5	6/27/1996	13.62	166.74	0.16							
80.23	12/10/1996	13.26	167.77	1.00							
	5/8/1998	13.15	167.11	0.04							
	8/17/1998	13.36	166.89	0.02							
	11/4/1998	13.52	166.73	0.02							
	2/17/1999	13.02	167.23	0.02							
	5/27/1999	13.80	166.71	0.35							
	8/19/1999	13.45	166.86	0.10							
80.09	11/23/1999	14.03	166.35	0.36							
	2/17/2000	13.28	167.02	0.26							
	5/9/2000	13.55	166.77	0.29							
	8/15/2000	13.58	166.54	0.04							
	12/1/2000	8.00	172.09	0.00	54,000	240	1,700	870	1,000	<300	c,d
80.04	2/8/2001	7,88	172.16	0.00	33,000	63	420	120	4,500	<50	a,b
	4/9/2001	7.97	172.07	0.00	_						
	4/24/2001	7.00	173.04	0.00	3,200	<1.0	11	7	260	<5.0	c,d
	8/6/2001	8.17	171.87		2,700	11	40	21	240	<5.0	a

Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID	Date	Depth to Groundwater	Groundwater Elevation	SPH Thickness	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
TOC (fi*)	)	(ft)	(ft**)	(ft)	<u> </u>		<del></del> ()	ıg/L) ———		<del>&gt;</del>	
	ESL Groundwater is a C	Current or Potent	tial Source of Dr	rinking Water:	100	1.0	40	30	13	5.0	
	ESL G	roundwater is No	ot a Source of Di	rinking Water:	500	46	130	290	13	1,800	
MW-5	10/22/2001	8.15	171.89		20,000	200	1,200	330	2,900	<100	a,b
cont'd	2/1/2002	8.07	171.97		<50	<0.5	< 0.5	< 0.5	<0.5	<5.0	
	4/19/2002	8.51	171.53		<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
	7/16/2002	8.40	171.64		<50	< 0.5	< 0.5	< 0.5	1.7	<5.0	
	10/3/2002	8.18	171.86		15,000	94	830	460	2,200	<500	a
	1/10/2003	6.95	173.09		290	<0.5	1.8	< 0.5	17	<5.0	а
	4/21/2003	7.18	172.86		<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	7/9/2003	7.95	172.09		<50	<0.5	<0.5	<0.5	2.7	<5.0	
	10/7/2003	8.22	171.82		9,800	120	340	180	2,000	<50	a
	1/22/2004	7.18	172.86		250	< 0.5	0.82	<0.5	29	<5.0	d
	4/2/2004	6.23	173.81		4,300	6.3	18	59	750	<25	a
MW-6	6/27/1996	18.55	161.48		ND	ND	ND	ND	ND		
180.03	12/10/1999	11.79	168.24		< 0.5	<0.5	< 0.5	<0.5	< 0.5	<2.0	
	5/8/1998	11.62	168.41		<50	< 0.5	< 0.5	<0.5	< 0.5	<5.0	
	8/17/1998	12.66	167.37		<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
	11/4/1998	13.56	166.47		68	3.8	3.7	2.8	11	<5.0	а
	2/17/1999	12.91	167.12		<50	< 0.5	<0.5	<0.5	<0.5	<5.0	
	5/27/1999	13.03	167.00		<50	1.0	1.7	0.82	4.9	<5.0	
	8/19/1999	13.10	166.93		<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
179.63	11/23/1999	13.58	166.05		<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	2/17/2000	10.72	168.91		<50	< 0.5	< 0.5	<0.5	<0.5	<5.0	
	5/9/2000	11.71	167.92		< 50	< 0.5	< 0.5	< 0.5	<0.5	<5.0	
	8/15/2000	12.49	167.14		<50	< 0.5	< 0.5	< 0.5	<0.5	<5.0	
	12/1/2000	8.64	170.99		<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	2/8/2001	8.20	171.43		<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	4/9/2001	8.53	171.10	_	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	8/6/2001	8.69	171.10	_	<50	<0.5	<0.5 <0.5	<0.5	<0.5	<5.0	
	6/0/2001	0.09	170.54		~>0	~∪.⊃	~0.5	~0.3	~0.5	>3.0	

Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID TOC (fi*)	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft**)	SPH Thickness (ft)	ТРНg	Benzene	Toluene	Ethylbenzene	Xylenes	мтве	Notes
	undwater is a C	urrent or Potent			100	1.0	40	30	13	5.0	
		oundwater is No	-	_	500	46	130	290	13	1,800	
MW-6	2/1/2002	8.31	171.32		<50	<0.5	<0.5	<0.5	<0.5	<5.0	
cont'd	4/19/2002	8.62	171.01		<50	< 0.5	<0.5	< 0.5	< 0.5	<5.0	
	7/16/2002	8.84	170.79		<50	< 0.5	<0.5	< 0.5	< 0.5	<5.0	
	10/3/2002	8.71	170.92		<50	<0.5	<0.5	< 0.5	< 0.5	<5.0	
	1/10/2003	6.99	172.64		<50	< 0.5	<0.5	<0.5	<0.5	19 (16)	
	4/21/2003	7.15	172.48								
ampled annually	7/9/2003	7.98	171.65								
	10/7/2003	8.28	171.35		< 50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
	1/22/2004	7.15	172.48	T.							
	4/2/2004	6.56	173.07		_						
Trip Blank	5/8/1998				<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	11/4/1998			·	<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
	5/27/1999				<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0	
	11/23/1999		-		<50	< 0.5	<0.5	<0.5	<0.5	<5.0	
	12/1/2000			-	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
Previous Investiga	tion Results										
G-4-W	6/24/1996				ND	ND	1	ND	1.2		
G-7-W	6/24/1996				ND	ND	1.3	ND	1.5		

Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID TOC (ft*)	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft**)	SPH Thickness (ft)	TPHg <b>←</b>	Benzene	Toluene	Ethylbenzene	Xylenes	мтве >	Notes
ESL G	roundwater is a Ci	urrent or Potent	ial Source of Dr	inking Water:	100	1.0	40	30	13	5.0	
	ESL Gra	oundwater is No	t a Source of Dr	inking Water:	500	46	130	290	13	1,800	

#### Abbreviations and Methods:

SPH = Separate phase hydrocarbons

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8020

MTBE = Methyl tertiary butyl ether by EPA Method 8020

(concentration in parentheses confirmed by EPA Method 8260)

ft = measured in feet

μg/L = Micrograms per liter

TOC = Top of casing elevation

-- = not sampled.

ND = Compound not detected, detection limit unknown

- \* = wells surveyed to an arbitrary datum
- \*\* = Calculated groundwater elevation corrected for SPH by the relation:

Groundwater Elevation = Well Elevation - Depth to Water + (0.8xSPH thickness (ft))

\*\*\* = Due to the air sparge system running during sampling, samples collected on 4/9/01 were anomalous. Well was resampled on 4/24/01 with the air sparge system off.

Notes:

- a The analytical laboratory noted that unmodified or weakly modified gasoline is significant.
- b The analytical laboratory noted lighter than water immiscible sheen is present.
- c The analytical laboratory noted no recognizable pattern.
- d The analytical labatory noted heavier gasoline range compounds are significant (aged gasoline?)
- f The analytical laboratory noted one to a few isolated non-target peaks present
- j The analytical laboratory noted sample diluted due to high organic content.

RBSL = Risk Based Screening Levels as per the Oakland Tier I Table dated January 1, 2000 from the Oakland Urban Land Redevelopment Program: Guidance Document >SOL = RBSL exceeds solubility of chemical in water.

## APPENDIX A

**Boring Logs and Well Construction Details** 

# LOG OF BORING

SHEET \_1\_ OF \_1\_

DRILL MANUFACTURER/MODEL:

Geoprobe

TYPE OF BIT:

BORE HOLE DIAMETER:

2

DRILLING METHOD: Geoprobe

BORING NUMBER: G-1A

PROJECT NAME: Hooshi Automotive

PROJECT NUMBER: 20596-001-01

DRILLING CONTRACTOR: Kvilhaug

START DATE: 6/24/96 9:00 AM

COMPLETION DATE: 6/24/96 9:15 AM

	DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE TYPE	INTERVAL	RECOVERY	PID Reading	USCS	LOG OF MATERIAL	PIZOMETER\ WELL INSTALLATION	
					100%		SP	Gravelly SAND, SP, medium dense, moist, red-yellow (7.5 YR 6/8), no hydrocarbon odor or discoloration		
	5 <b>-</b>	G-1A-5	" Geoprobe		95%	NA NA			1	
	10	- - - -						Total Depth = _7ft hit concrete or cobbles, decided to move 4' northerly - see log G-1B - backfilled at end of day with grout and top 6" was resurfaced with asphalt.	- - -	
	7.5	-		į					_ _ _	
	15	-				N.		••	-	
Anna .									-	

## LOG OF BORING

SHEET\_1\_OF\_1\_

DRILL MANUFACTURER/MODEL:

Geoprobe

TYPE OF BIT:

BORE HOLE DIAMETER:

2",

PROJECT NAME: Hooshi Automotive

PROJECT NUMBER: 20596-001-01

BORING NUMBER: G-1B

DRILLING CONTRACTOR: Kvilhaug

DRILLING METHOD: Geoprobe

START DATE: 6/24/96 9:20 AM

COMPLETION DATE: 6/24/96 9:25 AM

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE TYPE	INTERVAL	RECOVERY	PID Reading	USCS	LOG OF MATERIAL	MEZOMETER\ WEL INSTALLATION
				100%		SP	Gravelly SAND, SP, medium dense, moist, red-yellow 7.5 YR 6/8, no hydrocarbon odor or discoloration, coarse grained - fill material	
5 <b>-</b> -				100%			Total Depth = 7.5 ft - hit concrete or cobbles, backfilled at end of day with grout and top 6" was resurfaced with asphalt.	
10-							end of day with grout and top 6" was resurfaced with asphalt	
15 <b>-</b>					, , , , , , , , , , , , , , , , , , ,			
20-							•• -	
-			}					

## LOG OF BORING

SHEET\_1\_OF\_1\_

PROJECT NAME: Hooshi Automotive

DRILL MANUFACTURER/MODEL:

2\*

PROJECT NUMBER: 20596-001-01

Geoprobe

DRILLING METHOD: Geoprobe

TYPE OF BIT:

DRILLING CONTRACTOR: Kvilhaug

START DATE: 6/24/96 9:30 AM

COMPLETION DATE: 6/24/96 10:10 AM

**BORE HOLE DIAMETER:** 

DEPTH SCALE (FEET) PID Reading INTERVAL RECOVERY PIEZOMETER\ WELL INSTALLATION SAMPLE USCS SAMPLE LOG OF MATERIAL NO. TYPE Gravelly SAND, SM, medium dense, dry red-yellow 7.5 YR 6/8, no hydrocarbon ador or discoloration - fill material SW 100% geoprobe - G-2-5' 9:50 AM Sandy Clayey SILT, ML, medium stiff, moist, ML olive 5Y 5/4 no hydrocarbon odor or discoloration 100% G-2-10' 9:55 AM 100% Sity SAND, SP, medium dense, moist, olive-gray 5Y 4/2, hydrocarbon odor and discoloration present. SP 100% CLAY, CL, medlum stiff, moist, 15 dark gray, moderate plasticity CL Depth = 16' - backfilled at end of day with grout and top 6' was resurfaced with asphalt.

## LOG OF BORING

SHEET \_1\_OF \_1\_

PROJECT NAME: Hooshi Automotive

DRILL MANUFACTURER/MODEL:

PROJECT NUMBER: 20596-001-01

Geoprobe

DRILLING CONTRACTOR: Kvilhaug

DRILLING METHOD: Geoprobe

TYPE OF BIT:

START DATE: 6/24/96 10:20 AM

COMPLETION DATE: 6/24/96 10:35 AM

BORE HOLE DIAMETER:

2.

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE TYPE	INTERVAL	RECOVERY	PID Reading	USC <b>S</b>	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
-		өдс		90%		SP	Clayey, Graveily, Silty SAND, SP medium dense, molst, red-brown 2.5YR 4/2 no hydrocarbon odor or discoloration - fill material —	
5 -		geoprobe		100%			· ·	:
15-							Total depth = 6' - hit concrete, moved 4' easterly see boring 6-3B, backfilled at end of day with grout and top 6' was resurfaced with asphalt.	

# **LOG OF BORING**

SHEET \_1\_ OF \_1\_

PROJECT NAME: Hooshi Automotive

DRILL MANUFACTURER/MODEL:

Geoprobe

PROJECT NUMBER: 20596-001-01

BORING NUMBER: G-3B

DRILLING METHOD: Geoprobe

TYPE OF BIT:

DRILLING CONTRACTOR: Kvilhaug

START DATE: 6/24/96 10:40 AM

COMPLETION DATE: 6/24/96 11:10 AM

BORE HOLE DIAMETER:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE TYPE	INTERVAL	RECOVERY	PID Reading	USCS	LOG OF MATERIAL		PIEZOMETER\ Well installation
_				100%		SP/ML	Gravelly, Clayey SAND and SILT, SP/ML medium dense, moist, red-brown 2.5YR 4/2 no hydrocarbon odor or discoloration - fill material	_	
5 <b>-</b>	G-38-6' 10:44 AM	Φ		100%					
- 10-	G-3B-10' 10:54 AM	geoprobe		1009	1.8 ppm		CLAY, CH, medium stiff, dark gray to black with red fron staining and no hydrocarbon odor or discoloration from 7-8', from 8-11' color changes to olive gray 5Y 4/2 with apparent hydrocarbon staining.		·
- - 15 <b>-</b>	G-38-14.5	•		100%	9 ррт	SC SC	Gravelly CLAY, CL, medium stiff, moist, moderate plasticity with green hydrocarbon discoloration  - Clayey SAND, SC, medium dense, moist, olive gray 5Y 4/2, moderate hydrocarbon odor		
<u> </u>	G-38-14.5 11:00 AM						Total Depth = 16' - backfilled at end of day with grout and top 6" was resurfaced with asphalt.		
20 <del>-</del>		:							
		,						-	·

## LOG OF BORING

SHEET \_1\_ OF \_1\_

PROJECT NAME: Hooshi Automotive

DRILL MANUFACTURER/MODEL:

PROJECT NUMBER: 20596-001-01

Geoprobe

DRILLING CONTRACTOR: Kvilhaug

DRILLING METHOD : Geoprobe

TYPE OF BIT:

START DATE: 6/24/96 11:20

COMPLETION DATE: 6/24/96 11:50 AM

BORE HOLE DIAMETER: 2"

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE TYPE	INTERVAL	RECOVERY	PID Reading	uscs	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
-				100%		SP	Gravelly, Clayey SAND and slit, SP medium dense, moist, red-brown 2.5YR 4/2 no hydrocarbon odor or discoloration - fill material	_
5 <b>-</b>	G-4-5* 11:22 AM	geoprobe	1	100%		CL	CLAY, CL, soft, olive gray 5Y 4/2 with a moderate hydrocarbon odor and discoloration, medium plasticity	
-    -				100%		CL	Slity CLAY, CL, stiff, moist, red gray 5YR 4/2 no hydrocarbon odor or discoloration	<del>-</del>
10-	G-4-10' 11:32 AN		7		3 ppm	SM	Slity SAND, SC, molst, very stiff, brown 7.5 YR 4/4 sligt hydrocarbon odor	- - -
- - 15 <b>-</b>				100%		SC	SAND, SC, loose, yellow brown 10YR 5/8 to ollve gray 5Y 4/2, moist, fine grained, moderate hydrocarbon odors from 12 to 14	
-					N			-
-							Total Depth = 20' - backfilled at end of day with grout and top 6" was resurfaced with asphalt.	-
	-							

to the second second

## LOG OF BORING

SHEET \_1\_ OF \_1\_

PROJECT NAME: Hooshi Automotive

DRILL MANUFACTURER/MODEL:

PROJECT NUMBER: 20596-001-01

Geoprobe

DRILLING CONTRACTOR: Kvilhaug

DRILLING METHOD: Geoptobe

TYPE OF BIT:

START DATE: 6/24/96 11:55

BORE HOLE DIAMETER:

COMPLETION DATE: 6/24/96 12:15 PM

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE TYPE	INTERVAL	RECOVERY	PID Reading	USCS	LOG OF MATERIAL		PIEZOMETER\ WELL INSTALLATION
-		-		100%		SP	Gravelly, Clayey, Silty, SAND, SP medium dense, molst, red-brown 2.5YR 4/2 no hydrocarbon odor or discoloration - fill material		
5 <b>-</b>				100%		쥰	CLAY, CH, medium stiff, brown gray 5Y 5/2 with a moderate hydrocarbon odor		
-	G-5-7' 11:59 AM	geoprobe				CL	Slity CLAY, CL, stiff, olive gray 5Y 4/2, moist strong hydrocarbon odor and discoloration		
10-	G-5-12' 12:12 AM			100%	1.2 ppm	sc	SAND, SC, loose, moist, oilve brown 2.5YR 4/2, fine grained	_	
- -	12.12 AIV							-	
15 <b>-</b> -					`			_	
- 20 <b>-</b>	•							-	
							Total Depth = 20' - backfilled at end of day with grout and top 6' was resurfaced with asphalt.		
_		<u>.</u>						-	

# LOG OF BORING

SHEET\_1\_OF\_1\_

PROJECT NAME: Hooshi Automotive

DRILL MANUFACTURER/MODEL:

PROJECT NUMBER: 20596-001-01

Geoprobe

DRILLING CONTRACTOR: Kvlihaug

DRILLING METHOD: Geoprobe

TYPE OF BIT:

START DATE: 6/24/96 1:00 PM

**COMPLETION DATE: 6/24/96 1:30 PM** 

BORE HOLE DIAMETER:

2"

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE TYPE	INTERVAL	RECOVERY	PID Reading	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
5 - 10 - 20	G-6-10' 1:27 PM	geoprobe		50%	2 ppm	었 <u>최</u> 년	Gravelly, Sity, SAND, SM, medium dense, molst, red-brown 2.57R 4/2, poorly graded, no hydrocarbon odor of discolaration - fill material  SILT, ML, very soft, black, low plasticity  CLAY, CL, medium stiff, alive gray 5Y 4/2, molst, high plasticity  Total Depth = 20' - backfilled at end of day with grout and top 6' was resurfaced with asphalt.	

# LOG OF BORING

SHEET\_1\_OF\_1\_

DRILL MANUFACTURER/MODEL:

Geoprobe

TYPE OF BIT:

BORE HOLE DIAMETER:

PROJECT NUMBER: 20596-001-01

BORING NUMBER: G-7B

DRILLING CONTRACTOR: Kvilhaug

PROJECT NAME: Hooshi Automotive

DRILLING METHOD: Geoprobe

START DATE: 6/24/96 1:45 PM

COMPLETION DATE: 6/24/96 2:15 PM

	MEZOMETER\ WELL INSTALLATION
Fill material  CLAY, CH, molst, alive gray 5Y 4/2 moderate plasticity  SC Clayey SAND, SC, medium dense, molst, alive gray 5Y 4/2.  CL Y, CL, molst, alive gray 5Y 4/2.  CL CLAY, CH, molst, alive gray 5Y 4/2.  Total depth = 20' - backfilled at end of day with grout and top 6' was resurfaced with asphalt	<b>₹</b>

# LOG OF BORING

SHEET\_1\_OF\_1\_

DRILL MANUFACTURER/MODEL:

PROJECT NUMBER: 20596-001-01

PROJECT NAME: Hooshi Automotive

DRILLING METHOD:

TYPE OF BIT:

DRILLING CONTRACTOR: Kvilhaug

START DATE: 6/24/96 2:20 PM

COMPLETION DATE: 6/24/96 2:35 PM

BORE HOLE DIAMETER:

DEPTH SCALE (FEET)	SAMPLE NO:	SAMPLE TYPE	INTERVAL	RECOVERY	BLOWS PER 6 IN.	USCS	LOG OF MATERIAL	 PIEZOMETER\ WELL INSTALLATION
 5	G-8-10*	деоргоре		95%		CH	No sample taken  CLAY, CH, medium stiff, molst, olive gray 5Y 4/2 high plasticity  SAND, SM, medium dense, molst, olive 5Y 5/4, fine grained  Total Depth = 20' - backfilled at end of day with grout and top 6' was resurfaced with asphalt	A WEL

LOG OF BORING

SHEET\_1\_OF\_1\_

DRILL MANUFACTURER/MODEL:

Geoprobe

PROJECT NUMBER: 20596-001-01

PROJECT NAME: Hooshi Automotive

BORING NUMBER: G-9

DRILLING CONTRACTOR: Kvilhaug

**DRILLING METHOD:** Geoprobe

START DATE: 6/24/96 2:40 PM

COMPLETION DATE: 6/24/96 3:07 PM

TYPE OF BIT:

BORE HOLE DIAMETER:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE TYPE	INTERVAL	RECOVERY	BLOWS PER 6 IN.	uscs	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
5 -	G-9-11.5 2:55 PM G-9-12.5 3:05 PM	TYPE	INTE	100%	2 ppm 2 ppm 2.1 ppm	СН		PIEZOMET WELL INSTALL

# **LOG OF BORING**

SHEET \_1\_OF \_1\_

PROJECT NAME: Hooshi Automotive

DRILL MANUFACTURER/MODEL:

DDG 1507 N II 4050 0050 / 001 01

Hollow Stem Auger Equipment

PROJECT NUMBER: 20596-001-01

**DRILLING METHOD: Hollow Stem Auger** 

TYPE OF BIT:

DRILLING CONTRACTOR: Kvilhaug

START DATE: 6/27/96 9:15 AM

COMPLETION DATE: 6/27/96 10:20 AM

BORE HOLE DIAMETER:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE TYPE	INTERVAL	RECOVERY	Blows Per 6 IN.	USCS	LOG OF MATERIAL	PIEZOMETER) WELL INSTALLATION
						sc	Clayey SAND, SC, medium stiff molst, red brown 2.5YR 4/2 Fill material	
5 - 1	MW-4-5'				5,4,4	СL	Sandy, CLAY, CL, medium stiff, red yellow 7.5YR 6/8 to olive grey 5Y 4/2, moist, moderate plasticity	
10-M	/W-4-10'				7,13,25			
15-	лW-4-151				15,25,50	sc	Clayey SAND, SC, medium dense, molst, brown 7.5YR 4/2, fine grained	
20-	√W-4-20°				20,40,50		Total Depth = 20'	

LOG OF BORING

DRILLING METHOD: Hollow Stem Auger

START DATE: 6/27/96 11:15 AM COMPLETION DATE: 6/27/96 11:47 AM

**BORING NUMBER: MW-5** 

PROJECT NAME: Hooshi Automotive

PROJECT NUMBER: 20596-001-01

DRILLING CONTRACTOR: Kvilhaug

SHEET \_1\_ OF \_1\_

DRILL MANUFACTURER/MODEL:

Hollow Stem Auger Equipment

TYPE OF BIT:

BORE HOLE DIAMETER:

2"

DEPTH SCALE (FEET)	SAMPLE NO.	PID READING	INTERVAL	RECOVERY	Blows Per 6 IN.	USCS	LOG OF MATERIAL VISCONTEINS VI
						SC	Clayey Sand, SC, medium dense moist, brown 7.5YR 4/4
5 -	MW-5-5'				5,13,18	CH	CLAY, CH, soft, moist, dark brown 7.5YR 4/2
- 10 <b>-</b>	MW-5-101	100 ppm			25,40,50	CL	Sandy, CLAY, CL, medium stiff, moist, light gray, moderate plasticity
15-	MW-5-15	95 ppm			18,35,50	sc	Clayey SAND, SC, medium dense," moist, brown 7,5YR 4/2 with green tinge, fine grained, hydrocarbon odor and discoloration present
20-							
-							Total depth = 20'
_							

# LOG OF BORING

SHEET\_1\_OF\_1\_

PROJECT NAME: Hooshi Automotive

DRILL MANUFACTURER/MODEL:

PROJECT NUMBER: 20596-001-01

Hollow Stem Auger Equipment

DRILLING CONTRACTOR: Kviihaug

DRILLING METHOD: Hollow Stem Auger

COMPLETION DATE: 6/27/96 2:30 PM

TYPE OF BIT:

The state of the s

START DATE: 6/27/96 1:20 PM

BORE HOLE DIAMETER:

יכי

DEPTH SCALE (FEET)	\$AMPLE NO.	PID READING	INTERVAL	RECOVERY	Blows Per 6 IN.	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						sc	Clayey Sand, SC, medium dense moist, brown 7.5YR 4/4	(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)
5 <b>-</b> -	MW-6-5′ 1:35 PM	1.3 ppm			5,8,8	СН	CLAY, CH, soft, moist, dark brown 7.5YR 4/2	
- 10 <b>-</b> - -	<b>ИW-6-10</b> ′ 1:50 РМ				10,18,20	GC	Gravel-Sand-Clay mixture, GC medium dense, moist, olive brown 2.5Y 4/2	
15 <b>-</b> -	MW-6-15 2:05 PM	1.8 ppm			14,25,40	ML	Silty, Clayey, SAND, ML, medium stiff, moist,  light gray to brown 7.5YR 4/4, slight plasticity, very fine grained  ———————————————————————————————————	
20-	MW-6-20* 2:20 PM	500 ppm	17 (2) 12 (18) 2 (18)		25,45,50		Total depth = 20'	
_		·					- -	·

## COLUMBIA ANALYTICAL SERVICES, INC.

## Analytical Report

Client:

Century West Engineering

Project:

Hooshis Automotive

Sample Matrix:

Air

Service Request: S9601107 Date Collected: 7/10/96 Date Received: 7/11/96

Date Extracted: NA
Date Analyzed: 7/11/96

BTEX and Total Volatile Hydrocarbons EPA Methods 5030/8020/Modified 8015

Sample Name:

MW5-1

Lab Code:

S9601107-001

	]	MRLs	Results		
	mg/m3	uL/L (ppmv)	mg/m3	uL/L (ppmv)	
Benzene	0.5	0.2	53	17	
Toluene	0.5	0.1	240	64	
Ethylbenzene	0.5	0.1	69	16	
Xylenes, Total	1	0.2	200	46	
Total Volatile Hydrocarbons:					
C1 - C5	10	5	15,000	3,700	
C6 - C12	20	5	9,600	2,300	
TPH as Gasoline*	20	5	9,600	2,300	

TPH as gasoline is defined as C6 (benzene) through C12 (dodecane) and uses a molecular weight of 100 to calculate the ppmv.

LCS/102194

## **APPENDIX B**

Soil Analytical Data from Previous Consultant

#### REPORT OF PHASE II SITE CHARACTERIZATION Hooshi's Auto Service 1499 MacArthur Boulevard Oakland, California

CWEC 20596-001-01

#### Prepared for:

Ms. Naomi English 1545 Scenic View Drive San Leandro, California 94577

#### Prepared by:

Century West Engineering Corporation 7950 Dublin Boulevard, Suite 203 Dublin, California 94568

August 30, 1996

# Table 1 Summary of Soil Sampling Analytical Results Hooshi's Auto Service 1499 MacArthur Boulevard Oakland, California August 1996

A Soll Chan	Sampling Date	Sample Depth (feel-logs)	Chemical Concentrations (mg/kg) is a second of the concentrations (mg/kg) is the concentration of the concentrations (mg/kg) is the concentration of the con				A TOP WHAT THE
Sample ID			HPH±6	Benzene	Toulene\	Ethyle- benzene	Total Xylenes
Analytical Labor	ratory Method D		1	0.005	0.005	0.005	0.005
G-2-10	6/24/96	10'	ND	ND	ND	ND	ND
G-2-15	6/24/96	15'	ND	0.006	0.009	ND	0.025
G-3B-10	6/24/96	10'	ND	ND	ND	ND	ND
G-3B-14.5	6/24/96	14.5'	1.5	0.14	0.012	0.052	0.18
G-4-10	6/24/96	10'	ND	ND	ND	ND	ND
G-5-7	6/24/96	7'	ND	ND	ND	ND	ND
G-5-12	6/24/96	12'	ND	ND	ND	ND	ND
G-6-10	6/24/96	10'	ND	ND	ND	ND	ND
G-7B-5	6/24/96	5'	ND	ND	ND	ND	ND
G-7B-10	6/24/96	10'	ND	ND	ND	ND	ND
G-8-10	6/24/96	10'	ND	ND	ND	ND	ND
G-9-11.5	6/24/96	11.5'	98	0.079	0.064	1.3	4.2
G-9-12.5	6/24/96	12.5'	860	3.1	11	14	97
Analytical Labo	ratory Method D	etection Limit	1	0.0025	0.0025	0.0025	0.0025
MW-4-10	6/26/96	10'	ND	ND	ND	ND	ND
MW-5-10	6/26/96	10'	ND	ND	ND	ND	ND
MW-5-15	6/26/96	15'	ND	0.049	0.094	0.022	0.13
MW-6-10	6/26/96	10'	ND	ND	ND	ND	ND

NOTES

feet bgs feet below ground surface

TPH-G total petroleum hydrocarbons quantified as Gasoline

mg/kg milligrams per kilogram

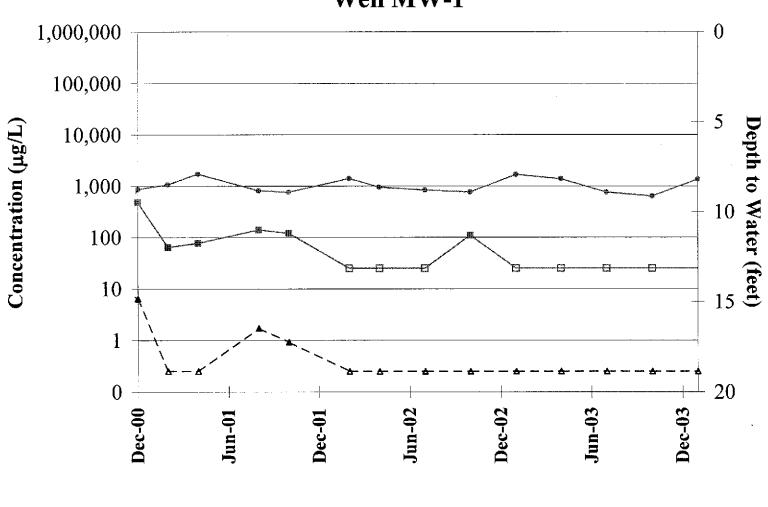
ND not detected above laboratory method detection limit

NA not analyzed or not available.

# **APPENDIX C**

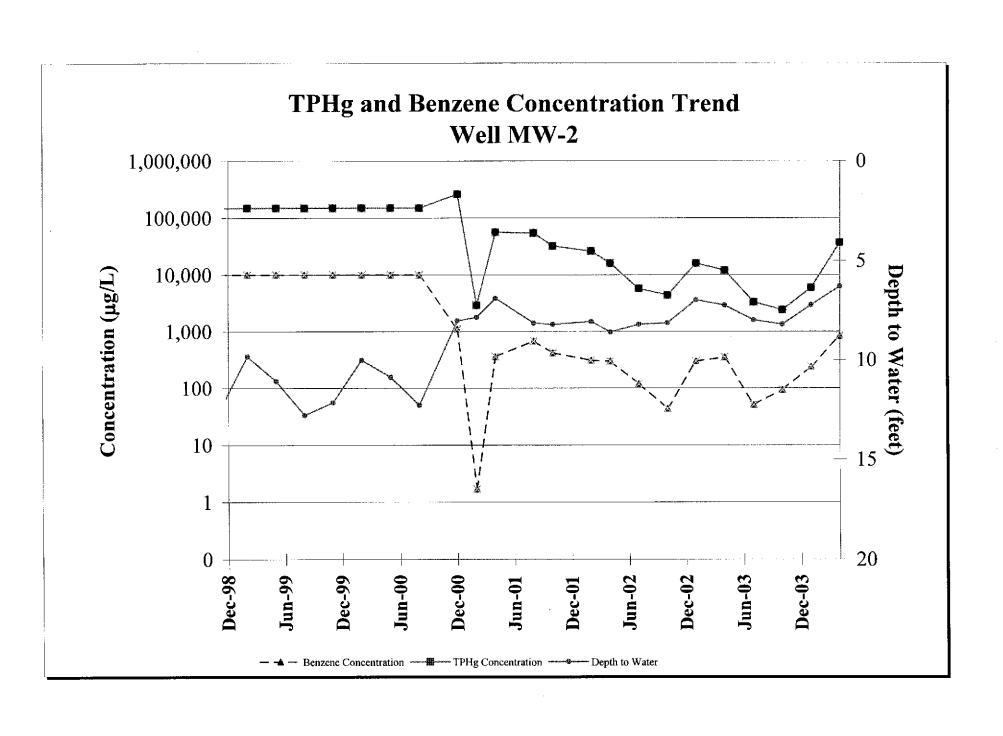
**Hydrocarbon Concentration Graphs** 

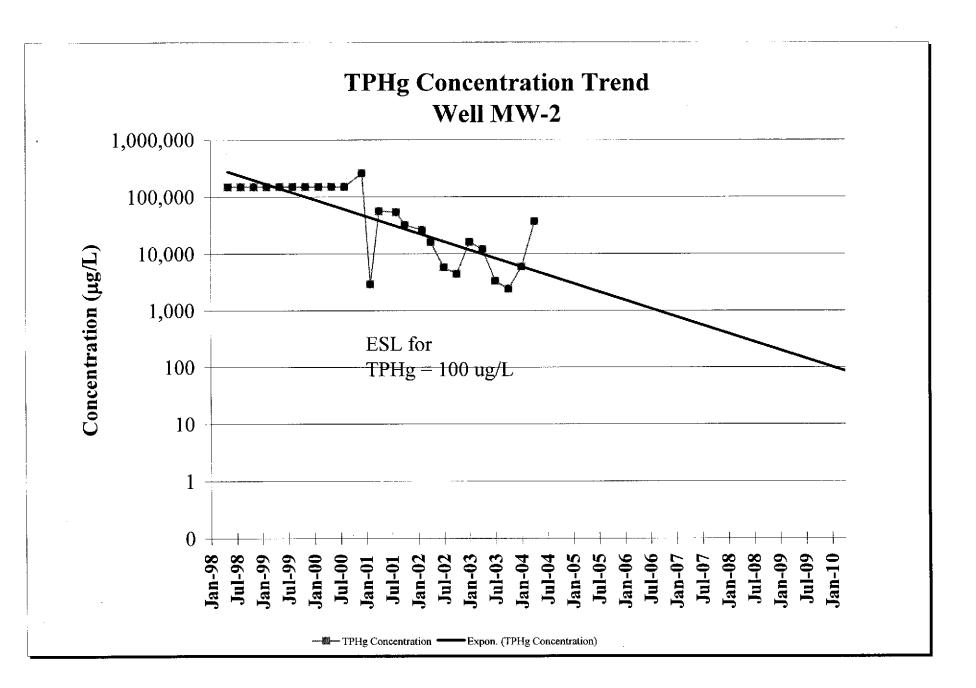


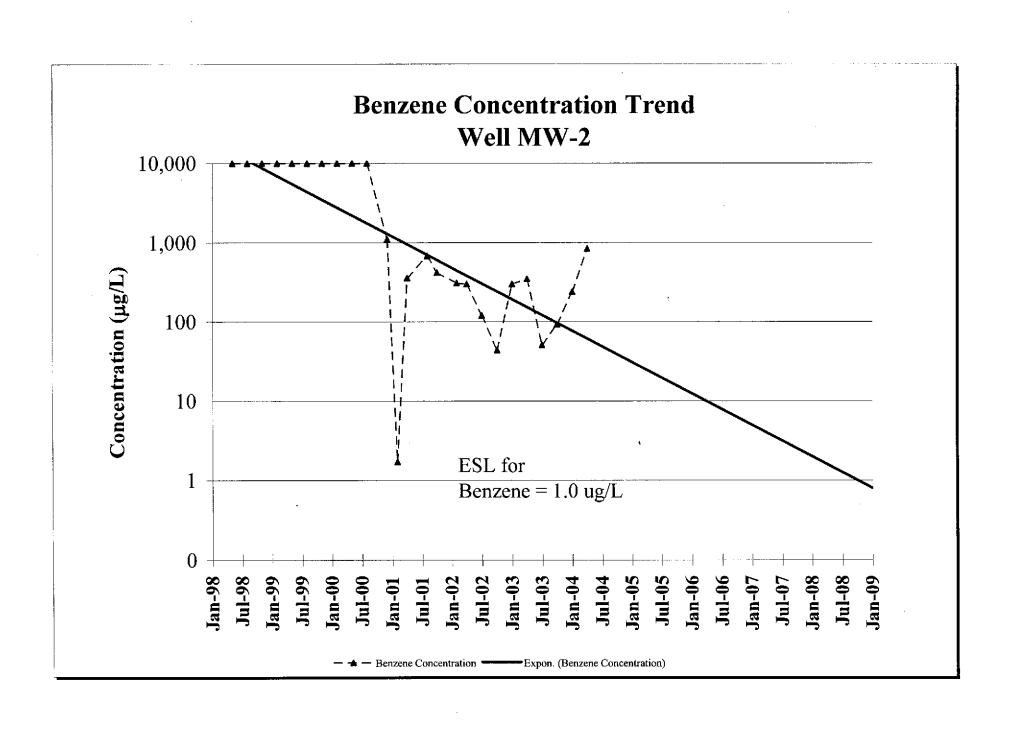


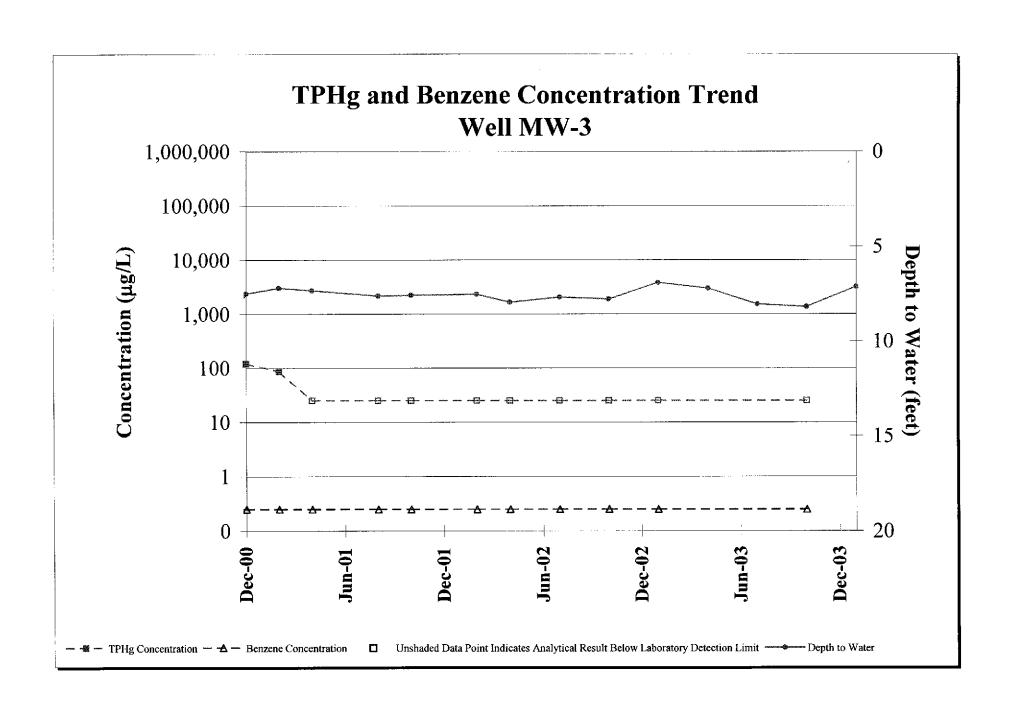
Benzene Concentration TPHg Concentration

☐ Unshaded Data Point Indicates Analytical Result Below Laboratory Detection Limit — ● Depth to Water

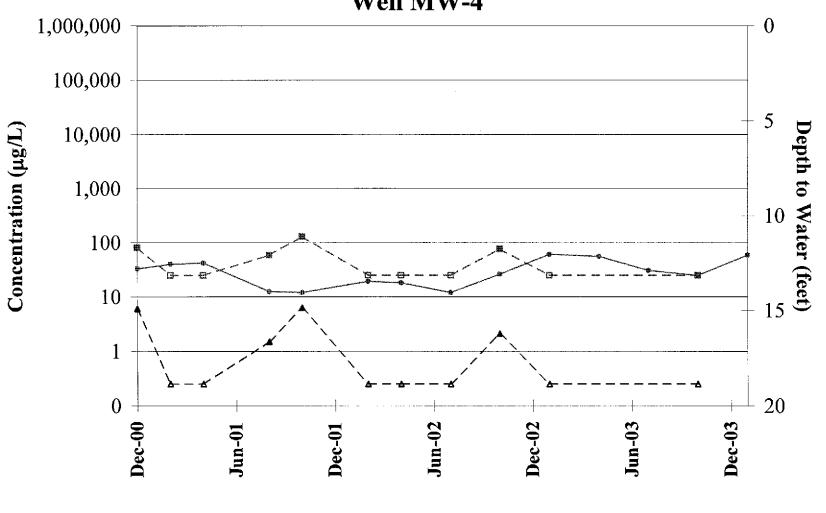




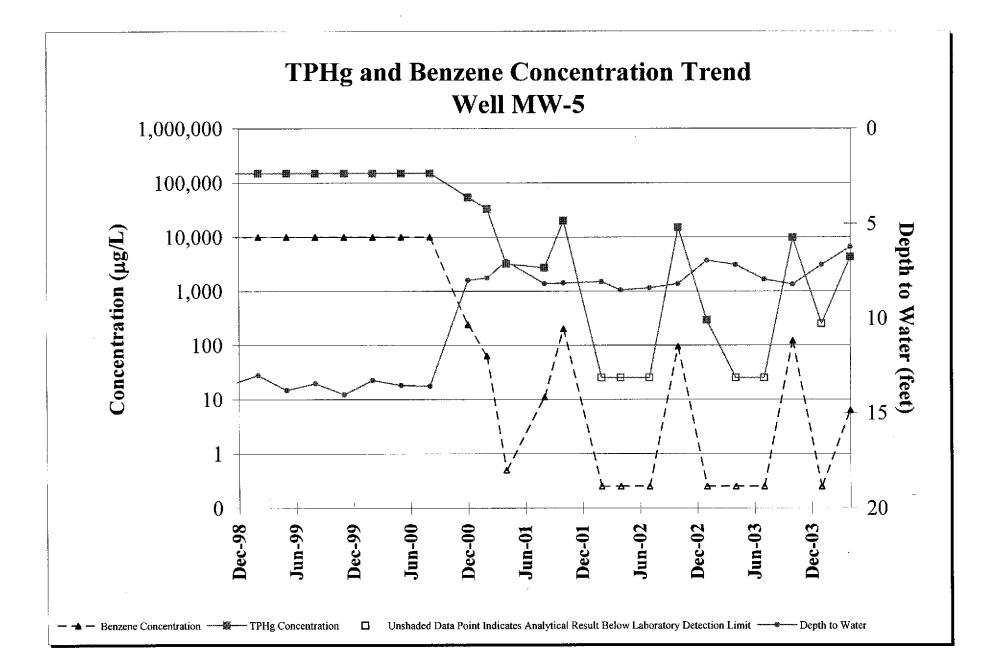


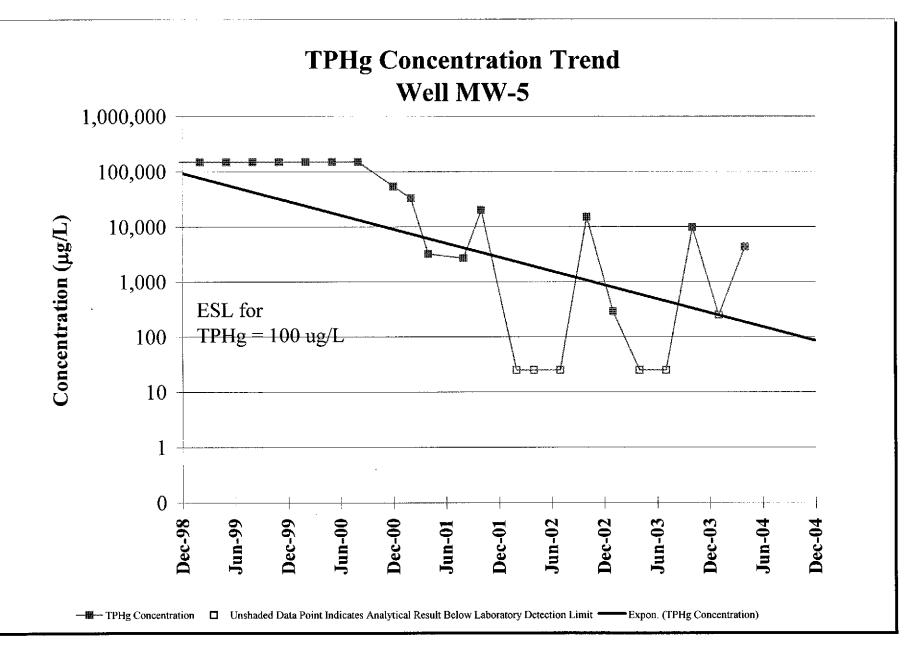


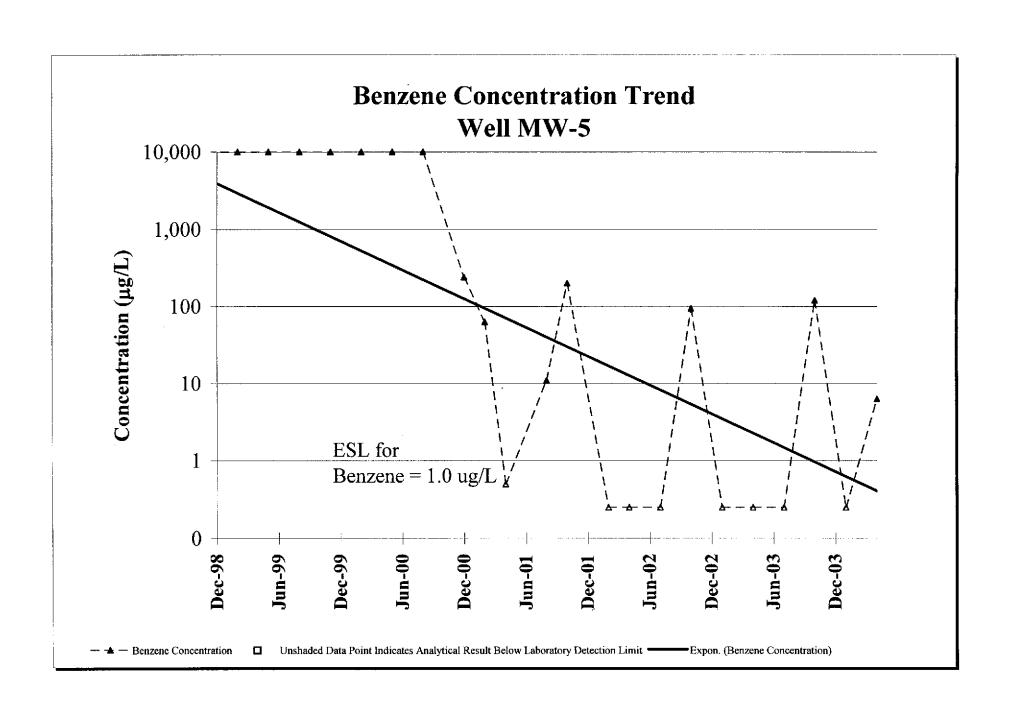




-- 🖶 -- TPHg Concentration -- 🛨 -- Benzene Concentration -- Unshaded Data Point Indicates Analytical Result Below Laboratory Detection Limit -- Depth to Water







# **APPENDIX D**

**Well Survey Questionnaires** 

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 3507 Glen Park Apartments
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:
Anton Apartment building no response
Agton Apartment building, no response

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 3515 Sten 14 th Avenue
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:
Apt on property w/ 3519 + 3521
Apt on property w/ 3519 + 3521  No response, no wells observed

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:	
ADDRESS: <u>3519</u> 1	14th Avenue
(2) OWNER NAME: (if other than te	nant)
ADDRESS:	
DAY TIME PHONE:	
(3) Are there any known domestic, irri	gation or other types of wells on or near your property: (circle one)
YES	UNKNOWN NO
If you answered "YES" to (3) above, p	please provided the following details:
NUMBER OF WELLS:	WELL DIAMETER:
WELL DEPTH:	DATE OF INSTALLATION:
WELL MATERIAL: (circle one)	PVC plastic steel brick/clay other
FREQUENCY OF USE:	
SCREEN INTERVAL:	WELL WATER USE:
WELL OWNER:	
WELL ADDRESS:	
(4) Are you aware of any abandoned w	vells on your property: (circle one)
YES	UNKNOWN NO
Comments:  No: 16501032 h	no wells observed

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:	
ADDRESS: 3521	19th Avenue
(2) OWNER NAME: (if other than	ı tenant)
ADDRESS:	
DAY TIME PHONE:	
	irrigation or other types of wells on or near your property: (circle one)
YES	UNKNOWN NO
• , ,	e, please provided the following details:
	WELL DIAMETER:
WELL DEPTH:	DATE OF INSTALLATION:
WELL MATERIAL: (circle one)	PVC plastic steel brick/clay other
FREQUENCY OF USE:	
SCREEN INTERVAL:	WELL WATER USE:
WELL OWNER:	
WELL ADDRESS:	
(4) Are you aware of any abandoned	d wells on your property: (circle one)
YES	UNKNOWN NO
Comments:	
No mills observed	, no response
144 1455	
	·

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS:
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS: 3527 14th Avenue
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Was home lest a questionaire with resident.
The A MAD CONTRACTOR

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:	
ADDRESS: 3524 1	4th Avenue
(2) OWNER NAME: (if other than t	renant)
ADDRESS:	
(3) Are there any known domestic, irr	rigation or other types of wells on or near your property: (circle one)
YES	UNKNOWN NO
If you answered "YES" to (3) above,	please provided the following details:
NUMBER OF WELLS:	WELL DIAMETER:
WELL DEPTH:	DATE OF INSTALLATION:
WELL MATERIAL: (circle one)	PVC plastic steel brick/clay other
FREQUENCY OF USE:	
SCREEN INTERVAL:	WELL WATER USE:
WELL OWNER:	
WELL ADDRESS:	
(4) Are you aware of any abandoned	wells on your property: (circle one)
YES	UNKNOWN NO
Comments:	
Says only well she	knows of is further North under an apt built
Suit that is she pois	knows of is further North under an apt builted porth but no apt building was observed
where she pripted.	
H:\Gatzke (Hooshi's)\Closure RequestWell Su	•

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 3518 14th Avenue
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:  WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:
Me sesponse, no vells observed

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 3500 14th Avenue
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:
Apartment building, no respondants, no reds deserved

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 1512 Mac Arthur Blud
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN (NO)
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN (NO)
YES UNKNOWN (NO)
Comments:
Resident said none that she knows of

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 1519 Mac Arthur Blud
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
yes unknown (nd)
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN (NO)
Comments:
Home: Home: No wells observed responded that
Home: Also response. No wells observed responded that he doesn't know of any.

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 1518 Ma Arthur Blvd
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:
Residence. No response. No wells observed.

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 1526 Mac Arthur Blod
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
/- γ
YES UNKNOWN NO
Comments:
Residence. Didn't know of any vells
<u> </u>

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 1521 Mar Avthor
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:  Abandaned. No wall observed

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:  ADDRESS: 1519 Mac Arthur Blue
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant) ADDRESS: DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Abandined. No Wells observed

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:  ADDRESS: 1517 Mac Arthur Blud  DAY TIME PHONE:	
(2) OWNER NAME: (if other than tenant)  ADDRESS:  DAY TIME PHONE:	
(3) Are there any known domestic, irrigation or other types of wells on or n	ear your property: (circle one)
YES UNKNOWN NO	
If you answered "YES" to (3) above, please provided the following details:	
NUMBER OF WELLS: WELL DIAMI	STER:
WELL DEPTH: DATE OF IN	STALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brid	k/clay other
FREQUENCY OF USE:	
SCREEN INTERVAL: WELL WAT	ER USE:
WELL OWNER:	
WELL ADDRESS:	
(4) Are you aware of any abandoned wells on your property: (circle one)	
YES UNKNOWN NO	
Comments: Agt Building No respondants. No	well's observed.

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:ADDRESS:						PEAC
	J		-			
(2) OWNER NAME: (if	f other than tenan	t)				
ADDRESS:						
DAY TIME PHONE	3:			<u>-</u>		
(3) Are there any known	domestic, irrigat	ion or other types o		n or near your pr	operty: (circle one)	
If you answered "YES" t	to (3) above, plea	se provided the fol	llowing de	etails:		
NUMBER OF WELLS:			WELL D	IAMETER:		
WELL DEPTH:			DATE	F INSTALLAT	ION:	
WELL MATERIAL: (cir	rcle one)	PVC plastic	steel	brick/clay	other	
FREQUENCY OF USE:						
SCREEN INTERVAL:			WELL	WATER USE:		
WELL OWNER:						
WELL ADDRESS:			<u> </u>			
(4) Are you aware of any	abandoned well	s on your property	: (circle o	ne)		
	YES	UNKNOW	/N	NO		
Comments: No Vespense.	No well	s observe	J			

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME: Ships or	Studi	Ö		
ADDRESS: 1511 Mac A				
DAY TIME PHONE:				
(2) OWNER NAME: (if other than tenant)				
ADDRESS:				
DAY TIME PHONE:				
(3) Are there any known domestic, irrigation or	other types of w	ells on or ne	ear your prope	erty: (circle one)
YES	UNKNOWN	NO		
If you answered "YES" to (3) above, please pro		_		
NUMBER OF WELLS:	WE	LL DIAME	TER:	
WELL DEPTH:	DA	TE OF IN	STALLATIO	N:
WELL MATERIAL: (circle one) PV	C plastic st	teel bric	k/clay	other
FREQUENCY OF USE:			··	
SCREEN INTERVAL:	W	ELL WAT	ER USE:	
WELL OWNER:				
WELL ADDRESS:				
(4) Are you aware of any abandoned wells on y	our property: (cir	rcle one)		
YES	UNKNOWN	NO		
Comments:				
No response No wells	Observed			
			·	

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 1505 Mac Avthor Blud.
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN (NG
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN (NO)
TES UNKNOWN INS
Comments:
No wells on property

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 150 Mac By they Blod
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
No response, no wells observed

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 3408 14th Avenue
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN (NO)
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
yes unknown (nd
Residence. Dan't know of any

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME: _ ADDRESS:		ic Arthur Bl	vd.	
		nt)		
(3) Are there any known	domestic, irriga	tion or other types of w	ells on or near your p	property: (circle one)
	YES	UNKNOWN	NO	
If you answered "YES" t	o (3) above, ple	ase provided the follow	ing details:	
NUMBER OF WELLS:		WE	LL DIAMETER:	
WELL DEPTH:		DA	TE OF INSTALLA	TION:
WELL MATERIAL: (cir	rcle one)	PVC plastic st	teel brick/clay	other
FREQUENCY OF USE:				
SCREEN INTERVAL: _		W	ELL WATER USE:	
WELL OWNER:				
WELL ADDRESS:				
(4) Are you aware of any				
	YES	UNKNOWN	NO	
Comments: Abmobile	No wa	Us observed		

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:  ADDRESS: 1475 Mac Aythou Blud.  DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
No response No wells observed

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 1473 Mac Arthur Bluk
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:
No response No wells observed

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME: Molly Mights	
	Rive
DANTIME BILONE.	
(2) OWNER NAME: (if other than tenant)	
ADDRESS:	
DAY TIME PHONE:	
(3) Are there any known domestic, irrigation or other type	es of wells on or near your property: (circle one)
YES UNKNO	DWN (NO)
If you answered "YES" to (3) above, please provided the	following details:
NUMBER OF WELLS:	WELL DIAMETER:
WELL DEPTH:	DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic	steel brick/clay other
FREQUENCY OF USE:	
SCREEN INTERVAL:	WELL WATER USE:
WELL OWNER:	
WELL ADDRESS:	
(4) Are you aware of any abandoned wells on your prope	
YES UNKNO	
IES UNKIN	SWN 69
Comments:	,
· · · · · · · · · · · · · · · · · · ·	

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:	O .A. A	11	1		
ADDRESS:	e9 Mac A	WHOU S	1vd		
DAY TIME PHONE:			M.I.		
(2) OWNER NAME: (if of ADDRESS:					
(3) Are there any known d	omestic, irrigatio	n or other types	of wells of	n or near your pro	operty: (circle one)
	YES	UNKNOW	'N	NO	
If you answered "YES" to	(3) above, please	provided the fol	llowing de	etails:	
NUMBER OF WELLS: _			WELL D	IAMETER:	
WELL DEPTH:			DATE C	F INSTALLATI	ON:
WELL MATERIAL: (circ	le one)	PVC plastic	steel	brick/clay	other
FREQUENCY OF USE: _					
SCREEN INTERVAL:			WELL	WATER USE: _	
WELL OWNER:					
WELL ADDRESS:					
(4) Are you aware of any a					
	YES	UNKNOW	/N	NO	
Comments:  No response.	lowells of	pserved			

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:  ADDRESS: 1967 Mac Arthur Blud  DAY TIME PHONE:	
(2) OWNER NAME: (if other than tenant)  ADDRESS:  DAY TIME PHONE:	
(3) Are there any known domestic, irrigation or other types of wells or	or near your property: (circle one)
YES UNKNOWN	NO
If you answered "YES" to (3) above, please provided the following de	tails:
NUMBER OF WELLS: WELL DI	IAMETER:
WELL DEPTH: DATE O	F INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel	brick/clay other
FREQUENCY OF USE:	
SCREEN INTERVAL: WELL	WATER USE:
WELL OWNER:	
WELL ADDRESS:	
(4) Are you aware of any abandoned wells on your property: (circle or	
YES UNKNOWN	NO
Comments:  No 185 Pinss. No walls observed	

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
address: 1465 Mac Arthur Blud
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN (NO)
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
yes unknown (NO)
Comments
Comments:

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board — San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:
ADDRESS: 3507 Brighton Aven
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:  Apt Building no response no wells observed

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:					
ADDRESS:	3515	Brighton	Ave	<u></u>	
DAY TIME PHON	E:	- )			
(2) OWNER NAME: (i	if other than	tenant)			
ADDRESS:					
DAY TIME PHON	E:				
			c 11		to (single and)
(3) Are there any known					operty: (circle one)
	YES	UNKN		NO	
If you answered "YES"		. •	_		
NUMBER OF WELLS:	:	-	WELL D	OIAMETER:	
					ON:
WELL MATERIAL: (c	ircle one)	PVC plastic	steel	brick/clay	other
FREQUENCY OF USE	}:				
SCREEN INTERVAL:			WELL	WATER USE: _	
WELL OWNER:					
WELL ADDRESS:					
(4) Are you aware of an	ıy abandoned	l wells on your prope	erty: (circle o	one)	
	YES	UNKN	OWN	NO	
Comments:					
	Aracki	ia hawe	lie obs	ruse &	
VIN VI	<u>, , , , , , , , , , , , , , , , , , , </u>	<u> </u>		<u> </u>	
		<del></del>			

April 8, 2004

Dear Property Lessor/Owner:

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

(1) TENANT NAME:
ADDRESS: 3508 Brighton Ave
ADDRESS: 3508 Brighton Ave
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
yes unknown (NO)
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN
TES UNKNOWN
No response No vells observed. Tenet said UG.

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

(1) TENANT NAME:				
ADDRESS: 1468 Ma	e Arthur	B)	<u>~7-</u>	
DAY TIME PHONE:				
(2) OWNER NAME: (if other than tenant	;)			
ADDRESS:				
DAY TIME PHONE:				
(3) Are there any known domestic, irrigation	on or other types of	wells o	n or near your pr	roperty: (circle one)
YES	UNKNOWN	1	(NO)	
If you answered "YES" to (3) above, pleas	se provided the follo	wing d	etails:	
NUMBER OF WELLS:	V	VELL D	IAMETER:	
WELL DEPTH:	J	DATE (	OF INSTALLAT	ION:
WELL MATERIAL: (circle one)				
FREQUENCY OF USE:				
SCREEN INTERVAL:		WELL	WATER USE:	
WELL OWNER:				
WELL ADDRESS:				
(4) Are you aware of any abandoned wells	s on your property: (	circle o	ne)	
			(T)	
YES	UNKNOWN	N	N	
Comments:				

April 8, 2004

Dear Property Lessor/Owner:

In cooperation with the California Regional Water Quality Control Board – San Francisco Bay Region, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial) in your area to assess water usage. We would appreciate your assistance by taking a moment to call our office with the following information or filling out this questionnaire and mailing it to us in the addressed, stamped envelope provided.

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

	Mac Arthur Blut
ADDRESS:	nant)
(3) Are there any known domestic, irrig	gation or other types of wells on or near your property: (circle one)  UNKNOWN (NO)
If you answered "YES" to (3) above, pl	lease provided the following details:
NUMBER OF WELLS:	WELL DIAMETER:
	DATE OF INSTALLATION:
	PVC plastic steel brick/clay other
FREQUENCY OF USE:	
SCREEN INTERVAL:	WELL WATER USE:
WELL OWNER:	
WELL ADDRESS:	
(4) Are you aware of any abandoned w	ells on your property: (circle one)
YES	unknown no
Comments:	

April 8, 2004

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

(1) TENANT NAME:		
ADDRESS: 1476 M	ie Arthur Blud	
DAY TIME PHONE:		
(2) OWNER NAME: (if other than ter	ant)	
ADDRESS:		
DAY TIME PHONE:		
(3) Are there any known domestic, irrig	ation or other types of wells on or	near your property: (circle one)
YES	UNKNOWN NO	)
If you answered "YES" to (3) above, p	ease provided the following details	:
NUMBER OF WELLS:	WELL DIAM	ETER:
WELL DEPTH:	DATE OF IN	ISTALLATION:
WELL MATERIAL: (circle one)	PVC plastic steel bri	ck/clay other
FREQUENCY OF USE:		
SCREEN INTERVAL:	WELL WAT	TER USE:
WELL OWNER:		
WELL ADDRESS:		
(4) Are you aware of any abandoned w	ells on your property: (circle one)	
YES	UNKNOWN NO	)
Comments:  Abundane	No wells observ	- bs

April 8, 2004

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

(1) TENANT NAME:  ADDRESS: 1474 Mac Arthur Blvd.
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:  Abandonel - No wells Observed

April 8, 2004

Dear Property Lessor/Owner:

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

(1) TENANT NAME:
ADDRESS: 1478 Mac Arthor Rive
DAY TIME PHONE:
(2) OWNER NAME: (if other than tenant)
ADDRESS:
DAY TIME PHONE:
(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)
YES UNKNOWN NO
If you answered "YES" to (3) above, please provided the following details:
NUMBER OF WELLS: WELL DIAMETER:
WELL DEPTH: DATE OF INSTALLATION:
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other
FREQUENCY OF USE:
SCREEN INTERVAL: WELL WATER USE:
WELL OWNER:
WELL ADDRESS:
(4) Are you aware of any abandoned wells on your property: (circle one)
YES UNKNOWN NO
Comments:  Abandoned. No volls observed