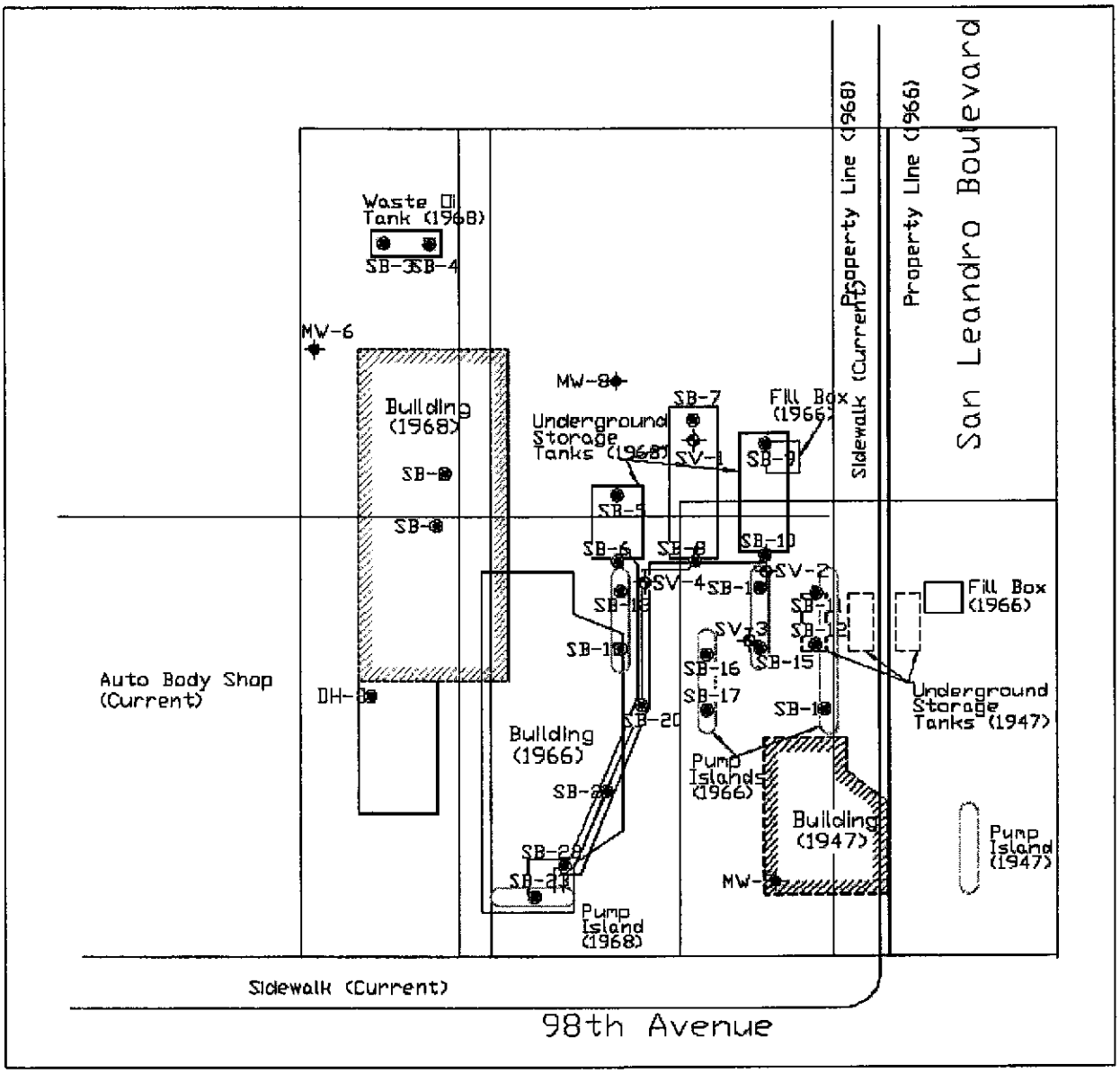
9-1723
9757 San Leandro Boulevard
Oakland



Site Number:

9-1723

Site Address:

9757 San Leandro Blvd., Oakland

Alameda County Case Worker:

Barney Chan

Soil Conditions:

The highest hydrocarbon concentrations detected in soil samples collected during previous investigations were 1,800 parts per million (ppm) total petroleum hydrocarbons as gasoline (TPHg) and 99 ppm benzene. These samples were collected in the vicinity of the former underground storage tanks (USTs).

Groundwater Conditions:

Ground water has been gauged and analyzed since November 1993. TPHg and benzene have been detected in site wells in steadily decreasing concentrations over time. For example, the maximum benzene concentration was 2,000 ppb in well MW-8 on November 12, 1993, but decreased to 5.3 ppb in this well on May 1, 1998. The maximum benzene concentration detected during the most recent ground water monitoring event was 19 ppb in well MW-5.

Vapor Conditions:

Benzene was detected in all soil vapor samples collected from borings SV-1 through SV-6. Borings SV-5 and SV-6 were advanced adjacent to borings SV-1 and SV-2. The highest benzene concentration reported was 100,000 parts per billion by volume (ppbv) in the soil vapor sample collected 5 ft bgs from SV-5. However, the benzene soil vapor concentration at 5 ft depth from adjacent boring SV-1 was 410 ppbv, and benzene concentration in two samples collected at 3 ft bgs from SV-1 were 96 and 94 ppbv, respectively . The second highest benzene concentration reported was 3,100 ppbv in SV-2 (SVD-2) at 8 ft bgs. Borings SV-1, SV-2, SV-5, and SV-6 were advanced in the location of the former USTs. Soil vapor benzene concentrations appear to be localized in the vicinity of the former USTs. Benzene concentrations detected in soil vapor samples from borings SV-3 and SV-4 were less than 5 ppbv.

Pending Alameda County Actions:

Review closure request and RBCA submitted by Cambria on July 7, 1998. request to review document submitted on march 1, 2004.

Pending Cambria Actions:

None to Date

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
BTEX AND PETROLEUM HYDROCARBONS

APRIL 1-4, 1996

CHEVRON SERVICE STATION #9-1723
9757 SAN LEANDRO BOULEVARD, OAKLAND, CALIFORNIA

SAMPLE NUMBER								
BORING	DEPTH (feet BGS)	DATE	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TPH-G (mg/kg)	TOTAL OIL AND GREASE (mg/kg)
SB-1	5	04/02/96	--	--	--	--	--	--
	10	"	1.4	0.44	8.9	28	400	78
	15	"	--	--	--	--	--	--
SB-2	5	04/01/96	--	--	--	--	--	--
	10	"	0.18	0.12	0.79	0.59	51	24
SB-3	5	04/01/96	--	--	--	--	--	--
	10	"	0.54	0.66	2.3	3.3	190	35
	15	"	--	--	--	--	--	--
SB-4	5	04/01/96	--	--	--	--	--	--
	10	"	0.59	0.52	0.14	1.1	170 a	940
	15	"	0.091	0.036	0.029	0.23	20 a	--
SB-5	5	04/01/96	--	--	--	--	--	--
	10	"	2.4	1.4	10	4.2	300	--
	15	"	--	--	--	--	--	--
SB-6	5	04/04/96	--	--	--	--	--	--
	10	"	0.57	ND<0.0050	0.42	2.3	330 a	--
	15	"	--	--	--	--	--	--
SB-7	5	04/01/96	2.2	0.58	7.7	7.9	880	--
	10	"	1.3	1.6	7.0	27	600	--
	15	"	--	--	--	--	--	--
SB-8	5	04/04/96	1.6	ND<0.0050	ND<0.0050	0.79	110 a	--
	10	"	4.6	1.1	0.76	2.1	240 a	--
	15	"	0.0054	ND<0.0050	ND<0.0050	0.042	2.1 b	--
SB-9	5	04/01/96	0.60	0.16	0.14	0.82	67	--
	10	"	--	--	--	--	--	--
	15	"	3.8	7.4	17	69	610	--
SB-10	5	04/04/96	3.7	8.9	9.9	53	450	--
	10	"	99	40	150	210	1,300	--
	15	"	0.010	0.0051	ND<0.0050	0.016	ND<1.0	--
SB-11	5	04/04/96	0.012	0.040	0.019	0.056	7.5 a	--
	10	"	1.5	ND<0.0050	9.7	3.2	550	--
	15	"	--	--	--	--	--	--
SB-12	5	04/03/96	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	--
	10	"	1.1	4.1	19	85	750	--
	15	"	--	--	--	--	--	--
SB-13	5	04/03/96	--	--	--	--	--	--
	10	"	1.6	0.81	7.4	24	340	--
SB-14	5	04/04/96	0.066	0.050	0.097	0.067	17 a	--
	10	"	5.0	28	16	82	820	--
SB-15	5	04/03/96	0.011	0.0060	ND<0.0050	0.15	2.1 a	--
	10	"	17	68	53	260	1,800	--
SB-16	5	04/03/96	0.15	ND<0.0050	0.0069	0.026	1.9	--
	10	"	6.2	1.8	28	76	760	--
SB-17	5	04/03/96	--	--	--	--	--	--
	10	"	4.3	15	38	150	1,600	--
SB-18	5	04/04/96	--	--	--	--	--	--
	10	"	5.9	4.5	2.0	5.4	480	--
SB-19	5	04/03/96	--	--	--	--	--	--
	10	"	2.3	ND<0.0050	1.1	1.5	[illegible]	--
SB-20	5	04/03/96	--	--	--	--		
	10	"	3.8	1.5	17	39	510	--
SB-21	5	04/02/96	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	--
SB-22	5	04/02/96	0.027	0.0091	0.020	0.015	3.1 a	--
	10	"	0.72	0.47	4.7	0.39	110	--
SB-23	5	04/02/96	--	--	--	--	--	--
	10	"	3.4	0.29	0.86	4.6	140	--

EXPLANATION
BGS = Below ground surface
TPH-G = Total petroleum hydrocarbons-as-gasoline
mg/kg = milligrams per kilogram, equivalent to parts per million (ppm)
ND = Not detected at or above the minimum detection limit shown
a = Gasoline and unidentified hydrocarbons >C8
b = Unidentified hydrocarbons >C8

0080STA1.WK4

Table 4
GROUNDWATER SAMPLE ANALYTICAL RESULTS
BTEX AND PETROLEUM HYDROCARBONS

APRIL 1-4, 1996

CHEVRON SERVICE STATION #9-1723
9757 SAN LEANDRO BOULEVARD, OAKLAND, CALIFORNIA

SAMPLE NUMBER	DATE	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)	TPH-G (ug/L)
SB-11	04-04-96	210	97	180	400	5,100
SB-19	04-03-96	170	30	21	34	2,300 a
SB-22	04-02-96	400	ND<0.50	110	77	19,000 b

EXPLANATION
TPH-G = Total petroleum hydrocarbons-as-gasoline
ug/L = micrograms per liter, equivalent to parts per billion (ppb)
ND = Not detected at or above the minimum detection limit shown
a = Gasoline and unidentified hydrocarbons <C7
b = Gasoline and unidentified hydrocarbons >C8

0080WTA.WK4

CAMBRIA

Table 1. Analytic Data for Soil Vapor Samples- Former Chevron Service Station 9-1723, 9757 San Leandro Boulevard, Oakland, California

Report and Map ID	Chain of Custody and Field ID	Date	Depth (ft)	Benzene	Toluene	Ethylbenzene	m, p -Xylenes	o- Xylene	Comments
				parts per billion by volume					
SV-1-3.0	SV-1-3.0	10/06/97	3.0	96	5.1	6.2	14	5.2	
SV-1-3.0(duplicate)	SV-1-3.0(duplicate)	10/06/97	3.0	94	5.6	6.3	14	5.4	Laboratory Duplicate
SV-1-5.0	SV-1-5.0	10/06/97	5.0	410	4.6	260	25	3.3	
SV-2-3.0	SV-2-3.0	10/06/97	3.0	970	12	190	410	82	
SV-2-5.0	SV-2-5.0	10/06/97	5.0	420	6.0	120	240	46	
SV-2-8.0**	SVD-2-8.0*	10/06/97	8.0	3,100	1,200	2,900	9,200	3,200	
SV-3-3.0	SV-3-3.0	10/06/97	3.0	4.9	5.6	6.4	21	8.2	
SV-3-5.0	SV-3-5.0	10/06/97	5.0	3.6	2.1	2.7	9.0	3.2	
SV-4-3.0	SV-4-3.0	10/06/97	3.0	1.8	4.8	6.0	23	8.4	
SV-4-5.0	SV-4-5.0	10/06/97	5.0	2.0	10	6.0	22	8.2	
SV-5-5.0	SVD-1-5.0*	10/06/97	5.0	100,000	1,500	4,600	1,200	<950	
SV-6-5.0	SVD-2-5.0*	10/06/97	5.0	580	120	490	2,200	980	

Abbreviations / Notes

Benzene, toluene, ethylbenzene, and xylenes by analytical method TO-14

<x = not detected above x parts per billion by volume

Chain of Custody and field sample identifications were changed to more accurately represent the data.

*Incorrectly labeled during field operations

-SVD-2-8.0 corresponds to soil vapor location SV-2 at 8 ft.

-SVD-1-5.0 corresponds to soil vapor location SV-5 at 5 ft.

-SVD-2-5.0- corresponds to soil vapor location SV-6 at 5 ft.

** An additional soil vapor sample was taken at SV-2-8.0 and was not included in table due to sampling equipment failures during field sampling. The analytic results for this sample are inluded on page 8 of Attachment A.

Need Access

April 7, 2006

Marcotte Family, LLC.
P.O. Box 4345
Woodland Hills, CA 91365

Re: **Request for Access Agreement**
Former Chevron Service Station #4930
3369 Castro Valley Boulevard
Castro Valley, California

To Whom It May Concern:

Corres_L_2006-04-07 RO# 416

Cambria Environmental Technology, Inc. (C[illegible] Environmental Management Company (Chevron), respectful[illegible]perty at 20879 Wilbeam Avenue in Castro Valley, California [illegible] by the Alameda County Health Care Services (ACHCS) to perf[illegible]erty as part of an on-going investigation on for the above referenced former Chevron service station. Work intended for your property includes the advancement of one soil boring to approximately 35 feet below grade in order to collect grab-groundwater samples. Upon completion the soil boring will be backfilled with Portland I/II cement and finished to match existing grade.

Please call Christene Sunding at 916-677-3407 ext. 109, to discuss this matter at your earliest convenience. Enclosed are three Access Agreement forms, if acceptable, please sign each, and return in the self addressed stamped envelope to Cambria. An original with a Chevron U.S.A Inc. representative signature will be sent back to you. Also included are copies of Cambria's *Subsurface Investigation Workplan* dated June 6, 2005, a map indicating the location of proposed work on your property and a copy of the ACHCS approval email of proposed work. Thank you in advance for your assistance

Sincerely,
Cambria Environmental Technology, Inc.

Christene Sunding
Senior Staff Geologist

HAVE ACCESS

April 7, 2006

Charles and Patricia Schweng
4355 Moreland Drive
Castro Valley, CA 94546

Re: **Request for Access Agreement**
Former Chevron Service Station #4930
3369 Castro Valley Boulevard
Castro Valley, California

Mr. and Mrs. Schweng:

Cambria Environmental Technology, Inc. (Cambria), on behalf of Chevron Environmental Management Company (Chevron), respectfully requests access to your property at 20861 Wilbeam Avenue in Castro Valley, California. Cambria has been requested by the Alameda County Health Care Services (ACHCS) to perform investigations on your property as part of an on-going investigation on for the above referenced former Chevron service station. Work intended for your property includes the advancement of two soil borings to approximately 35 feet below grade in order to collect grab-groundwater samples. Upon completion the soil boring will be backfilled with Portland I/II cement and finished to match existing grade.

Please call Christene Sunding at 916-677-3407 ext. 109, to discuss this matter at your earliest convenience. Enclosed are three Access Agreement forms, if acceptable, please sign each, and return in the self addressed stamped envelope to Cambria. An original with a Chevron U.S.A Inc. representative signature will be sent back to you. Also included are copies of Cambria's *Subsurface Investigation Workplan* dated June 6, 2005, a map indicating the location of proposed work on your property and a copy of the ACHCS approval email of proposed work. Thank you in advance for your assistance

Sincerely,
Cambria Environmental Technology, Inc.

Christene Sunding
Senior Staff Geologist