CAMBRIA

April 18, 2006

Mr. Barney Chan
Alameda County Environmental Health Services (ACEHS)
1131 Harbor Bay Parkway
Alameda, CA 94502

Re: **Soil and Groundwater Management Plan**
Planned Site Excavation
Former Chevron Service Station # 9-1026
3701 Broadway
Oakland, California
Cambria Project No. 31J-1959

Dear Mr. Chan:

On behalf of Chevron Environmental Management Company (Chevron), Cambria Environmental Technology, Inc. (Cambria) has prepared the attached *Soil & Groundwater Management Plan* (SGMP) *Planned Site Excavation* for the referenced site (Figure 1). The property is owned by Kaiser Permanente and is proposed for redevelopment as an office building. Chevron proposes to remove residual hydrocarbons prior to development of the site by soil excavation and the treatment and discharge of produced water if the excavation encounters groundwater. Attached please find the compilation of soil and groundwater data used as the basis for this SGMP.

Please contact me at (510) 420-3367 with any questions or comments.

Sincerely,

Cambria Environmental Technology, Inc.

Laura Genin
Project Geologist

Attached: Soil & Groundwater Management Plan

Cambria Environmental Technology, Inc.

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

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Soil & Groundwater Management Plan (SGMP)
Planned Site Investigation
3701 Broadway
Oakland, California
April 18, 2006

Cambria Environmental Technology, Inc. (Cambria) on behalf of Chevron Environmental Management Company (Chevron) has prepared this SGMP. Primary contacts are listed below:

Site Owner:	Kaiser Permanente Contact: Gary Bankhead 1100 San Leandro Boulevard, Suite 200 San Leandro, CA 94577 (510) 618-5886
Developer:	McCarthy Contact: Angeles M. Garcia (PM) 343 Sansome Street, 14th Floor San Francisco, CA 94104 (415) 397-5151
Chevron Consultant:	Cambria Environmental Technology, Inc. Contact: Laura Genin 5900 Hollis Street, Suite A Emeryville, CA 94608 (510) 420-3367
Oversite Agency:	Alameda County Environmental Health Services Contact: Barney Chan 1121 Harbor Bay Parkway Alameda, California 94502 (510) 567-6765

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PURPOSE OF SGMP

Cambria Environmental Technology, Inc., on behalf of Chevron Environmental Management Company, prepared this Soil & Groundwater Management Plan (SGMP) for managing the excavation and potential dewatering of petroleum hydrocarbon-impacted soil and groundwater at the referenced site. Chevron shall be responsible for excavation, transportation and disposal of soil impacted by former activities at the site, and will perform dewatering activities, including treatment and discharge of produced water as needed.

This SGMP is designed to protect site workers, the public, and the environment from risk associated with exposure to or contact with petroleum hydrocarbons encountered beneath the site. Cambria personnel will be onsite to monitor work and collect confirmation soil samples. Cambria will also prepare a site-specific Health & Safety Plan (HASP) to describe potential risks from site activities to employees and subcontracted employees as well as the public.

DEVELOPMENT PLAN

The development plan includes the construction of a medical office building with a subsurface floor to approximately 15 fbg (60-feet above mean sea level (msl)). The proposed plan includes the former Chevron property and three adjacent properties to the north.

EXCAVATION PLAN

Planned excavation consists of removing soil to approximately 18 fbg across the majority of the site (Figure 2). Once completed, the southern portion of the excavation along MacArthur Avenue will be backfilled to original grade approximately 20 feet wide. The remainder of the excavation will be backfilled to a minimum of 60 feet above msl, or approximately 15 feet below original grade if safe to do so, to facilitate proposed construction activities.

Soil borings advanced across the site indicate the majority of hydrocarbon-bearing soil is between 10 and 18 feet below grade (fbg), and localized shallow impact hydrocarbons at 2 fbg near the former dispenser islands (Figure 2). Estimated excavation soil volume is approximately 15,000 cubic yards of impacted soil.

Historically groundwater at the site has fluctuated between 10 and 18 feet below grade (fbg). To mitigate groundwater during excavation activities, an engineered drainage system is planned to

direct groundwater to a sump basin that will then be pumped to a holding tank to be treated on-site prior to discharge under permit into the sanitary sewer.

Chevron anticipates that soil excavation will remove the majority of on-site petroleum hydrocarbon-bearing soil. However, shoring and safe excavation practices will likely result in some residual hydrocarbons at depths greater than approximately 18 fbg. Dewatering, with carbon filtration, to facilitate excavation, may remove and treat a significant volume of hydrocarbon-bearing groundwater. A calculation of the estimated mass of petroleum hydrocarbons removed in extracted groundwater will be performed and provided in the report prepared after completion of excavation activities.

PROPOSED CLEANUP GOALS

The bulk of hydrocarbon-bearing soil in the main source area resides from approximately 10 to 18 fbg. It is Chevron's intention to remove impacted soil with the goal of providing a safe environment for future developments. This strategy will be impaired by certain environmental, factors such as the sidewalk located along McArthur Boulevard and Broadway, underground utilities, engineered shoring conditions and geotechnical concerns posed by other buildings in the vicinity.

In the event, following all feasible excavation attempts, final confirmation soil samples indicate isolated area(s) contain hydrocarbon concentrations exceeding commercial/industrial ESLs, a risk-based study using the commercial/industrial concentrations and proposed construction specifications will be completed to demonstrate if significant risk to human health exists.

CONFIRMATION SOIL SAMPLING

Confirmation soil samples are to be collected from the maximum extent of the excavation at 15 foot centers along the excavation bottom and sidewalls where accessible. Soil samples will be used to demonstrate that approved soil cleanup goals have been met and/or to document residual concentrations to aid in the post-remediation risk assessment.

Sidewall samples will be collected at approximately 15-foot intervals at 5, 10, and 15 fbg where accessible due to shoring constraints. Additional samples may be collected if warranted by visual inspection of the excavation. Sidewall samples along the south and east side of the excavation will not be accessible due to shoring. Samples will be collected from the excavator bucket to avoid placing personnel in confined space environments. Soil samples will be collected in 6-inch brass tubes, sealed, labeled, logged on a chain-of-custody, placed on ice, and delivered to a

Chevron-approved laboratory for analysis. Soil samples will be analyzed for some or all of the following constituents:

- TPHg , TPHd, and TPHmo by EPA Method 8015M,
- BTEX and select oxygenates including MTBE by EPA Method 8260B,
- Five LUFT metals by EPA Method 6010B.

REMEDIAL GUIDELINES

The following guidelines for soil excavation, dewatering, and worker and public safety at the site are described below.

Soil Excavation and Handling

1. Both petroleum hydrocarbon-impacted and non-impacted soil will be encountered during excavation activities. Chevron will coordinate transport and disposal of soil. Any soil not immediately removed from the site will be stockpiled on-site.

2. Impacted soil will be pre-approved for disposal at an appropriate Chevron-approved landfill.

3. Stockpiled soil shall be placed on plastic sheeting and covered at the termination of the task. Regardless of task progress, any stockpile not being actively manipulated shall be covered with plastic sheeting within one-hour of initiating stockpile generation.

4. If deemed necessary based on soil moisture content, plastic sheeting underlying any stockpile shall include a perimeter berm to prevent the escape of liquids or wet soil from the stockpile. Plastic sheeting overlying any stockpile shall be secured with sandbags or equivalent. Additional measures to control runoff from the site will be evaluated during the course of the excavation activities.

5. All stockpiled soil will be kept moist or covered with plastic sheeting to minimize odor emanation and dust levels. Moisture levels shall be kept low enough to avoid creating mud on the site or on site access-ways. Dust control procedures shall be performed to ensure compliance with Bay Area Air Quality Management District (BAAQMD) Regulation 6,

Standard 305. Excavation vapor emission minimization procedures shall be performed to ensure compliance with BAAQMD Regulation 8, Rule 40.

6. Cambria will direct the collection of confirmation soil samples as described above. These samples will be placed on RUSH (24-hour) laboratory turn-around-time.

7. Excavation is not to exceed the allowable depth as prescribed by the Contractor's engineered shoring specifications when encroaching upon shored boundaries. Within the center of the excavation, additional remedial excavation is not to exceed approximately 18 fbg to minimize backfill and compaction complications.

8. Once final excavation activities are completed, the excavation will be backfilled with clean soil compacted to a minimum 90% relative density.

Groundwater

9. Any groundwater encountered in the excavation will be treated through carbon units and discharged to the sanitary sewer under an East Bay Municipal Utility District (EBMUD) permit. Discharge of groundwater to the storm sewer or surface drainage shall not be allowed.

10. Chevron shall obtain and coordinate the required groundwater discharge permits, storage vessels, carbon filtration units and discharge during all stages of dewatering during remedial activities at the site.

Worker and Public Safety

11. A site-specific HASP that covers all federal, state, and local requirements will be generated prior to excavation activities. The HASP will cover all Contractor and sub-contracted employees and the public with respect to all physical and chemical health risks including vapor issues during excavation.

12. All work involving contact with soil and/or groundwater at the site shall be performed in compliance with this SGMP and applicable HASP.

13. All workers shall read and understand the SGMP and HASP prior to performing any earthwork activities at the site. A routine tailgate safety meeting shall be conducted prior to work activities every day and Cambria shall keep a copy of the HASP on-site at all times.

14. Air quality shall be monitored at an appropriate frequency with an appropriate instrument during all earthwork activities. Any task that results in the emanation of excessive odors shall be ceased temporarily.

15. If visible soil dust is detected during earthwork, work at the subject area within the site shall be stopped and water or a dust suppressant applied until visible soil dust is eliminated from the breathing zone.

Miscellaneous

16. Cambria shall coordinate soil transportation and disposal with Integrated Waste Management (IWM) with a minimum of 48-hours advance notification or as required by IWM.

17. Cambria and IWM shall create a Journey Management Plan (JMP), which will outline specified approved routes to and from the site from various locations. The JMP will also include site access routes.

POST REDEVELOPMENT MONITORING

The current proposed plan for remedial activities may not meet the criteria for closure of the environmental case at this time. Once excavation activities are complete, Cambria will submit a report documenting the completed work including volumes of soil and groundwater removed and/or treated, residual hydrocarbon concentrations both on- and off-site, and proposed post-monitoring recommendations.

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CLOSING

As Kaiser is anxious to begin development, Cambria would appreciate ACEHS approval and/or comments regarding this document as soon as feasible to provide time for any other negotiations that may be warranted prior to breaking ground.

Currently the Schedule is as follows:

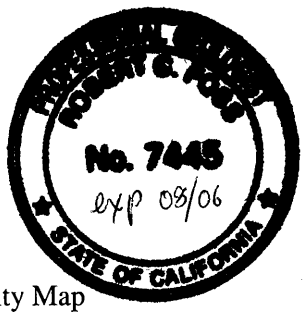
• Permitting Approved	June 26, 2006
• Shoring Installation	July 7 – July 17, 2006.
• Excavation	July 18 – September 11, 2006
• Report Submitted	September 26, 2006

We thank you for your time and consideration with this project. Please contact Laura Genin at (510) 420-3367 with any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Laura Genin
Project Geologist

Robert Foss, PG #7445
Associate Geologist

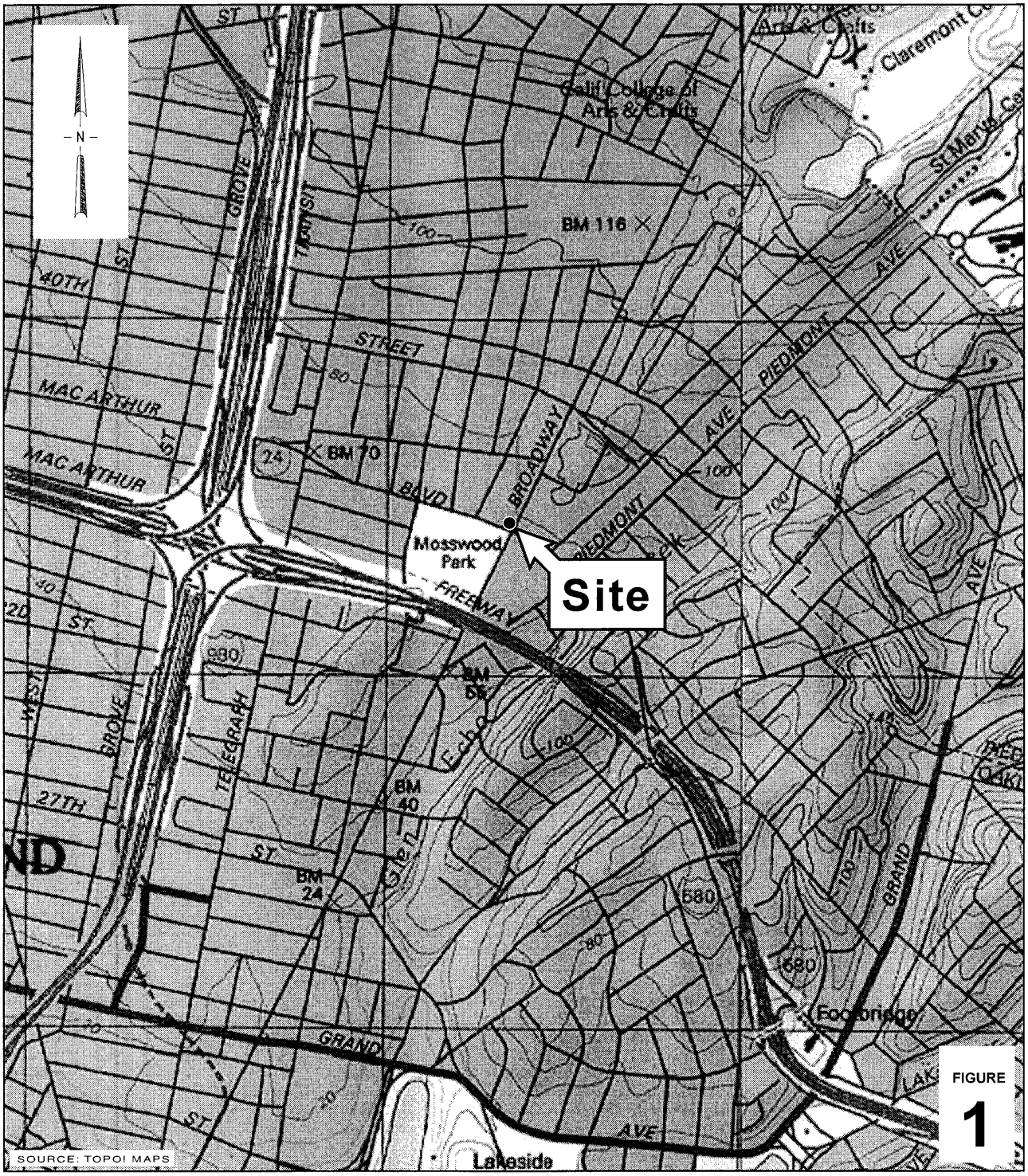


Figures: 1 – Site Vicinity Map
2 – Excavation Site Plan

Attachments: A - Compilation of Soil Data

FIGURES

08/27/03



I:\9-4612\FIGURES\VICINITY.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Former Chevron Station 9-1026

3701 Broadway

Oakland, California

Vicinity Map

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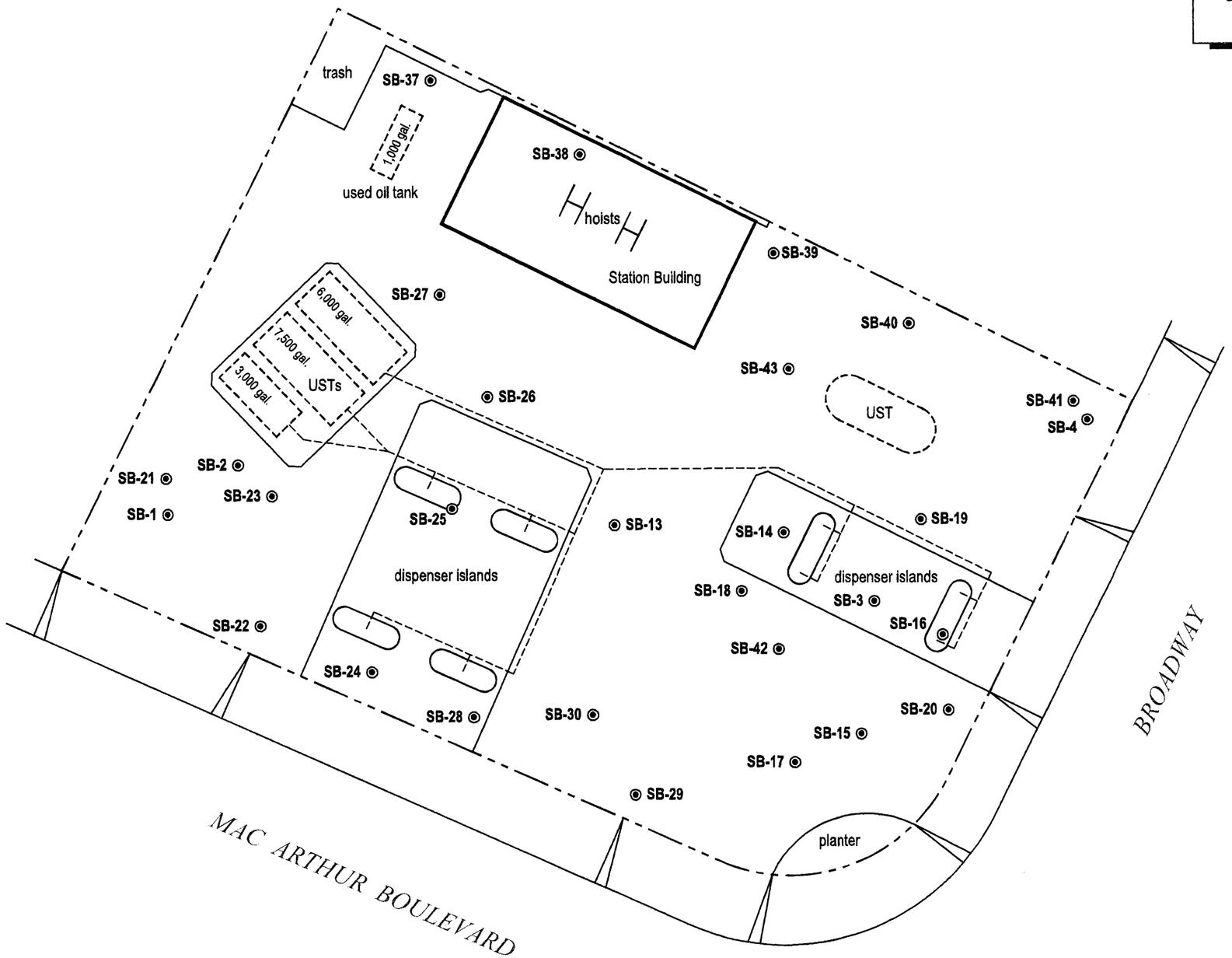
03/21/06

Site Plan

EXPLANATION

SB-1 ◉ Soil boring location



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0 10 20 40

Scale (ft)

Basemap modified from 1957 Standard Oil drawing

I:\9-1026 OAKLAND\FIGURES\9-1026_SITEPLAN.DWG

FIGURE

2

Chevron Service Station 9-1026

3701 Broadway

Oakland, California

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Table 1
Soil Sample Analytical Results - Petroleum Hydrocarbons and Volatile Organic Compounds
Kaiser Permanente
3701 - 3757 Broadway
Oakland, California
Results in milligrams per kilogram (mg/kg)

Area of Investigation	Sample ID	Depth (ft)	Sample Date	EPA Method 8015M			Volatile Organic Compounds (EPA Method 8260B)																	
				TPH/g	TPH/d	TPH/mo	Benzene	Toluene	Ethyl benzene	Xylenes	Acetone	sec-Butyl benzene	Isopropyl benzene	Napthalene	n-Propyl benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	n-Butyl benzene	p-Isopropyl toluene	2-Butanone	Methylene Chloride	1,2- Dichloro ethane	tert-Butyl benzene	Freon 12	All Other VOCs
3701 Broadway	SB1-15'	15	01/08/04	61	3.8*	ND<50	0.059	0.046	ND<0.023	0.100	0.310	0.025	ND<0.023	ND<0.045	ND<0.023	0.036	ND<0.023	ND<0.023	ND<0.023	ND<0.230	ND<0.045	ND<0.023	ND<0.023	ND<0.045	ND<0.023 - 0.230
	SB2-10'	10	01/08/04	34	8.2*	ND<50	ND<0.019	ND<0.019	0.140	0.110	ND<0.190	ND<0.019	0.049	0.095	0.150	ND<0.019	0.044	ND<0.019	ND<0.019	ND<0.190	ND<0.038	ND<0.019	ND<0.019	ND<0.038	ND<0.019 - 0.190
	SB3-5'	5	01/08/04	390	78*	ND<50	[redacted]	2.3	7.1	29	ND<25	ND<0.250	1.5	5.0	5.7	35	35	3.6	2.0	ND<25	ND<2.5	ND<0.25	ND<0.25	ND<0.25	ND<0.25 - 25
	SB3-15'	15	01/08/04	2,300	250*	ND<50	[redacted]	140	55	230	ND<250	ND<2.5	7.6	18	26	170	160	13	7.9	ND<250	ND<25	ND<2.5	ND<2.5	ND<2.5	ND<2.5 - 250
	SB13-10'	10	01/17/06	ND<1.1	ND<0.99	ND<5.0	0.039	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	0.010	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-0.046
	SB13-15'	15	01/17/06	350	30* L	ND<5.0	ND<0.5	ND<0.5	1.4	7.4	ND<2	ND<0.5	ND<0.5	0.89	1.1	6.8	2.3	ND<0.5	ND<0.5	ND<1	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5-5
	SB13-18'	18	01/17/06	4.4	120* L	8.0	0.330	0.150	0.034	0.184	0.130	ND<0.023	ND<0.023	ND<0.023	ND<0.023	0.042	ND<0.023	ND<0.023	ND<0.023	0.070	ND<0.091	ND<0.023	ND<0.023	ND<0.045	ND<0.023-0.23
	SB14-10'	10	01/19/06	3.5	6.9* L	ND<5.0	ND<0.0049	ND<0.0049	0.0065	ND<0.0049	0.023	ND<0.0049	ND<0.0049	ND<0.0049	0.014	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	0.010	0.051	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049-0.049
	SB14-15'	15	01/19/06	1300	100* L	7.5*	ND<1.3	ND<1.3	7.8	18.0	ND<5.0	ND<1.3	1.3	3.5	4.7	27	9.0	2.1	ND<1.3	ND<2.5	ND<5.0	ND<1.3	ND<1.3	ND<2.5	ND<1.3-13
	SB14-20.5'	21	01/19/06	1.7	ND<1.0	ND<5.0	0.030	0.0089	0.016	0.068	0.047	ND<0.0046	ND<0.0046	0.0049	ND<0.0046	0.030	0.0083	ND<0.0046	ND<0.0046	0.017	0.048	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-0.046
	SB15-10'	10	01/18/06	21	4.5* L	ND<5.0	0.084	ND<0.025	0.11	0.20	ND<0.10	ND<0.025	ND<0.025	0.060	0.061	0.37	0.10	ND<0.025	ND<0.025	ND<0.050	ND<0.10	ND<0.025	ND<0.025	ND<0.050	ND<0.025-0.25
	SB15-15'	15	01/18/06	240	27* L	ND<5.0	[redacted]	3.0	1.7	8.0	ND<1.7	ND<0.42	ND<0.42	0.48	1.1	5.2	1.7	0.42	ND<0.42	ND<0.83	ND<1.7	ND<0.42	ND<0.42	ND<0.83	ND<0.42-4.2
	SB15-18'	18	01/18/06	1400	23* L	ND<5.0	[redacted]	86.0	33.0	169.0	ND<29	ND<7.1	ND<7.1	7.7	14.0	78.0	24.0	ND<7.1	ND<7.1	ND<14	ND<29	ND<7.1	ND<7.1	ND<14	ND<7.1-71
	SB16-5'	5	01/18/06	720	6.6*	8.6	ND<1.3	2.7	2.8	42	ND<5.0	ND<1.3	ND<1.3	8.6	2.6	39.0	16.0	1.9	ND<1.3	ND<2.5	ND<5.0	ND<1.3	ND<1.3	ND<2.5	ND<1.3-13
	SB16-10'	10	01/18/06	730	15* L	ND<5.0	[redacted]	22.0	8.7	53.0	ND<2	ND<0.5	0.79	3.1	3.1	20.0	7.7	1.1	ND<0.5	ND<1	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5-5
	SB17-10'	10	01/18/06	4.0	16* L	ND<5.0	0.031	0.045	ND<0.01	0.060	ND<0.04	ND<0.01	ND<0.01	0.029	ND<0.01	0.048	ND<0.01	ND<0.01	ND<0.01	ND<0.02	0.1	0.012	ND<0.01	ND<0.02	ND<0.01-0.1
	SB17-15'	15	01/18/06	420	130* L	5.2	1.8	11	4.8	25.4	ND<2	ND<0.5	0.75	1.8	2.5	16	4.7	1.0	ND<0.5	ND<1	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5-5
	SB17-18.5'	18.5	01/18/06	1100	140* L	9.3	ND<5	16	21	106	ND<20	ND<5	ND<5	6.8	12	66	19	ND<5	ND<5	ND<10	ND<20	ND<5	ND<5	ND<10	ND<5-50
	SB18-10'	10	01/18/06	ND<1.1	8.0* L	ND<5.0	0.041	ND<0.0047	0.0098	0.0074	0.060	ND<0.0047	0.0072	ND<0.0047	0.021	0.046	0.014	0.011	ND<0.0047	0.024	0.020	ND<0.0047	ND<0.0047	ND<0.0094	ND<0.0047-0.047
	SB18-15'	15	01/18/06	420	35* L	ND<5.0	0.51	0.29	2.1	8.0	ND<1	ND<0.25	0.49	1.2	1.7	10	3.4	0.65	ND<0.25	ND<0.50	ND<1	ND<0.25	ND<0.25	ND<0.50	ND<0.25-2.5
	SB18-17.5'	17.5	01/18/06	30	170* L	ND<5.0	[redacted]	5.1	4.5	21.8	ND<4	ND<1	ND<1	1.8	2.2	13	4.1	1.1	ND<1	ND<2	ND<4	ND<1	ND<1	ND<2	ND<1-10
	SB19-10'	10	01/18/06	2.7	ND<1.0	ND<5.0	0.071	ND<0.026	ND<0.026	ND<0.026	0.40	ND<0.026	ND<0.026	ND<0.026	ND<0.026	0.091	ND<0.026	ND<0.026	ND<0.026	0.14	0.21	ND<0.026	ND<0.026	ND<0.052	ND<0.026-0.26
	SB19-15'	15	01/18/06	670	27* L	ND<5.0	[redacted]	5.6	3.7	18.0	ND<2	ND<0.5	0.55	1.5	2.0	12.0	3.8	0.8	ND<0.5	ND<1	4.0	ND<0.5	ND<0.5	ND<1	ND<0.5-5
	SB19-18'	18	01/18/06	6700	120* L	ND<5.0	[redacted]	170	73	349	ND<5.0	4.3	9.4	23	29	160	52	13.0	2.8	ND<2.5	ND<5.0	ND<1.3	3.0	ND<2.5	ND<1.3-13
	SB20-10'	10	01/18/06	37	6.7* L	ND<5.0	ND<0.13	ND<0.13	ND<0.13	0.33	ND<0.5	ND<0.13	ND<0.13	0.27	0.27	1.7	0.58	0.14	ND<0.13	ND<0.25	ND<0.5	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB20-15'	15	01/18/06	5900	120* L	5.5	[redacted]	68	20	101	ND<8	ND<2	2.4	7.1	8.8	59	18	3.7	ND<2	ND<4	ND<8	ND<2	ND<2	ND<4	ND<2-20
	SB20-18.5'	18.5	01/18/06	6200	1.9* L	ND<5.0	[redacted]	320	100	600	ND<100	ND<25	ND<25	32	30	210	75	ND<25	ND<25	ND<50	ND<100	ND<25	ND<25	ND<50	ND<25-250
	SB21-9'	9	01/17/06	20 H	82* L	16	ND<0.0047	ND<0.0047	0.019	ND<0.0047	0.026	0.28	0.071	0.0048	0.46	ND<0.0047	ND<0.0047	0.46	0.068	ND<0.0094	ND<0.019	ND<0.0047	0.28	ND<0.0094	ND<0.0047-0.047
	SB21-15'	15	01/17/06	110	25* L	7.6	[redacted]	ND<0.025	0.49	0.81	0.11	0.055	0.16	0.27	0.35	1.3	0.39	0.14	0.046	0.064	0.12	ND<0.025	0.031	ND<0.050	ND<0.025-0.25
	SB21-20.5'	20.5	01/17/06	81	97* H L	100	0.044	ND<0.025	0.31	0.52	0.12	0.053	0.10	0.26	0.30	0.64	0.21	0.15	0.045	0.054	ND<0.10	ND<0.025	0.036	ND<0.050	ND<0.025-0.25
	SB22A-7'	7	01/17/06	1.8	58* H L	34	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	0.071	0.0077	0.0062	0.048	0.018	ND<0.0049	ND<0.0049	0.023	ND<0.0049	0.011	ND<0.020	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049-0.049
	SB22A-10'	10	01/17/06	700 H	88* L	20	ND<4.2	ND<4.2	ND<4.2	8.4	ND<17	ND<4.2	ND<4.2	14	7.5	71	21	6.9	ND<4.2	ND<8.3	ND<17	ND<4.2	ND<4.2	ND<8.3	ND<4.2-42
	SB22A-20'	20	01/17/06	1.6	ND<1.0	ND<5.0	0.058	ND<0.0050	0.014	0.0514	ND<0.020	ND<0.0050	0.0060	0.0095	0.012	0.064	0.020	ND<0.0050	ND<0.0050	ND<0.010	0.047	ND<0.0050	ND<0.0050	ND<0.010	ND<0.005-0.05
	SB23-3'	3	01/17/06	ND<1.0	2.2* H	8.7 H	0.0047	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-46
	SB23-10'	10	01/17/06	150	39* L	ND<5.0	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.50	0.86	0.65	0.13	2.9	ND<0.13	ND<0.13	2.5	ND<0.13	ND<0.25	0.84	ND<0.13	0.79	ND<0.25	ND<0.13-1.3
	SB23-18'	18	01/17/06	800	180* L	18	[redacted]	7.8	6.2	32.4	ND<6.7	ND<1.7	ND<1.7	2.0	3.2	19	6.1	ND<1.7	ND<1.7	ND<3.3	ND<6.7	ND<1.7	ND<1.7	ND<3.3	ND<1.7-17
	SB24-10'	10	01/19/06	ND<1.0	3.8* L	ND<5.0	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	0.17	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	0.046	ND<0.019	ND<0.0048	ND<0.0048	ND<0.0096	ND<0.0048-0.048
	SB24-15'	15	01/19/06	310	170* L	11	0.31	ND<0.13	0.61	0.89	ND<0.50	ND<0.13	ND<0.13	0.23	0.35	1.8	0.59	ND<0.13	ND<0.13	ND<0.25	ND<0.50	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB24-20'	20	01/19/06	1200	360* L	12	[redacted]	12	13	59	ND<8	ND<2	ND<2	3.7	4.9	29	9.5	2	ND<2	ND<4	ND<8	ND<2	ND<2	ND<4	ND<2-20
	SB25-5'	5	01/17/06	5.1	1.2* L	ND<5.0	0.49	ND<0.025	0.11	ND<0.025	0.23	ND<0.025	ND<0.025	ND<0.025	0.042	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.13	ND<0.100	ND<0.025	ND<0.025	ND<0.050	ND<0.025-0.250
	SB25-9'	9	01/17/06	2000	93* L	26 H	[redacted]	ND<2.5	29	33	ND<10	ND<2.5	3.9	11	13	37	21	6.9	ND<2.5	ND<5.0	ND<10	ND<2.5	ND<2.5	ND<5.0	ND<2.5-25
	SB25-18.5'	18.5	01/17/06	830	490* L	53	[redacted]	9.5	5.8	30.4	ND<5	ND<1.3	ND<1.3	2.5	3.4	19	6.3	1.5	ND<1.3	ND<2.5	ND<5.0	ND<1.3	ND<1.3	ND<2.5	ND<1.3-13
	SB26-5'	5	01/17/06	3.8	1.7* H	22 H	0.20	ND<0.0046	0.025	ND<0.0046	0.030	ND<0.0046	ND<0.0046	ND<0.0046	0.03	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	0.010	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-0.046
	SB26-10'	10	01/17/06	2100	370* L	36	[redacted]	ND<2.5	28	133	ND<10	ND<2.5	4.4	10	13	100	26	5.9	ND<2.5	ND<5.0	ND<10	ND<2.5	ND<2.5	ND<5.0	ND<2.5-25
	SB26-20.5'	20.5	01/17/06	11000	1.6* L	ND<5.0	ND<3.6	ND<3.6	5.9	ND<3.6	ND<14	3.6	10	ND<3.6	15	ND<3.6	20	5.7	8.7	ND<7.1	ND<14	ND<3.6	ND<3.6	ND<7.1	ND<3.6-36
	SB27-10'	10	01/17/06	ND<0.99	1.9*	ND<5.0	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	0.031	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0096	ND<0.019	ND<0.0048	ND<0.0048	ND<0.0096	ND<0.0048-0.048
	SB27-15'	15	01/17/06	21	32* L	ND<5.0	ND<0.13	ND<0.13	0.45	ND<0.13	ND<0.5	ND<0.13	ND<0.13	0.21	0.41	ND<0.13	0.24	0.18	ND<0.13	ND<0.25	ND<0.50	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB27-18.5'	18.5	01/17/06	2100	190* L	37	[redacted]	ND<3.6	18	76	ND<14	ND<3.6	ND<3.6	5.8	8.9	58	19	ND<3.6	ND<3.6	ND<7.1	ND<14	ND<3.6	ND<3.6	ND<7.1	ND<3.6-36
	SB28-10'	10	01/17/06	33	61* L	7.6	ND<0.13	ND<0.13	0.13	0.27	ND<0.50	ND<0.13	ND<0.13	0.32	0.25	1.8	0.55	0.21	ND<0.13	ND<0.25	ND<0.50	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3

Table 1
Soil Sample Analytical Results - Petroleum Hydrocarbons and Volatile Organic Compounds
Kaiser Permanente
3701 - 3757 Broadway
Oakland, California
Results in milligrams per kilogram (mg/kg)

Area of Investigation	Sample ID	Depth (ft)	Sample Date	EPA Method 8015M			Volatile Organic Compounds (EPA Method 8260B)																	
				TPH/g	TPH/d	TPH/mo	Benzene	Toluene	Ethyl benzene	Xylenes	Acetone	sec-Butyl benzene	Isopropyl benzene	Napthalene	n-Propyl benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	n-Butyl benzene	p-Isopropyl toluene	2-Butanone	Methylene Chloride	1,2- Dichloro ethane	tert-Butyl benzene	Freon 12	All Other VOCs
3701 Broadway	SB28-15'	15	01/17/06	110	100* L	16	[redacted]	0.77	3.3	14.1	ND<2.9	ND<0.71	ND<0.71	1.3	1.6	9.7	3.1	0.80	ND<0.71	ND<1.4	ND<2.9	ND<0.71	ND<0.71	ND<1.4	ND<0.71-7.1
	SB28-20'	20	01/17/06	8.0	ND<1.0	ND<5.0	0.46	ND<0.13	ND<0.13	ND<0.13	ND<0.50	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.25	ND<0.50	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB29-10'	10	01/18/06	ND<1.1	ND<1.0	ND<5.0	0.0077	ND<0.0048	ND<0.0048	ND<0.0048	0.023	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0096	ND<0.019	ND<0.0048	ND<0.0048	ND<0.0096	ND<0.0048-0.048
	SB29-17'	17	01/18/06	43	36* L	ND<5.0	0.42	0.30	0.59	2.62	ND<0.50	ND<0.13	ND<0.13	0.19	0.33	2.0	0.59	ND<0.13	ND<0.13	ND<0.25	ND<0.50	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB29-21'	21	01/18/06	ND<1.1	2.4*	ND<5.0	0.30	ND<0.025	ND<0.025	ND<0.025	0.24	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.093	ND<0.50	0.055	ND<0.025	ND<0.050	ND<0.025-0.25	
	SB30-10'	10	01/19/06	3600	18* L	ND<5.0	0.28	0.55	0.24	0.99	ND<0.50	ND<0.13	ND<0.13	0.20	0.20	1.3	0.39	ND<0.13	ND<0.13	ND<0.25	ND<0.50	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB30-15'	15	01/19/06	590	370* L	14	[redacted]	15.0	6.2	32.4	ND<6.7	ND<1.7	ND<1.7	2.4	3.4	21.0	7.0	ND<1.7	ND<1.7	ND<3.3	ND<6.7	ND<1.7	ND<1.7	ND<3.3	ND<1.7-17
	SB30-18'	18	01/19/06	4.3 Z	64* L	6.1	0.32	0.44	0.096	0.50	0.25	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.13	0.037	ND<0.025	ND<0.025	0.10	ND<0.50	0.11	ND<0.025	0.095	ND<0.025-0.50
	SB37-10'	10	01/19/06	7900	1200* H L	1,500	ND<6.3	ND<6.3	31.0	75	ND<25	ND<6.3	ND<6.3	14.0	16.0	110	35.0	8.0	ND<6.3	ND<13	ND<25	ND<6.3	ND<6.3	ND<13	ND<6.3-63
	SB37-13'	13	01/19/06	17	65* H L	110	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.50	0.18	0.26	1.3	1.1	ND<0.13	ND<0.13	1.0	ND<0.13	ND<0.25	ND<0.50	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB37-16'	16	01/19/06	1000	210* H L	380	ND<0.13	ND<0.13	0.14	ND<0.13	ND<0.50	0.34	0.37	0.91	1.5	ND<0.13	0.14	1.6	ND<0.13	ND<0.25	ND<0.50	ND<0.13	0.29	ND<0.25	ND<0.13-1.3
	SB38-4.5'	4.5	01/19/06	43	1600* H	6,000	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.50	ND<0.13	ND<0.13	0.39	0.14	0.59	0.19	0.23	ND<0.13	ND<0.25	ND<0.50	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB38-12'	12	01/19/06	16	14* H	69	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.037	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.082	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050-0.050
	SB38-17'	17	01/19/06	ND<0.95	14* H	62	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0093	0.11	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-0.067
	SB39-10'	10	01/19/06	ND<1.0	ND<1.0	ND<5.0	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.020	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0098	0.041	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049-0.049
	SB39-14'	14	01/19/06	10	16* L	ND<5.0	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.50	ND<0.13	ND<0.13	ND<0.13	0.33	1.6	0.71	0.15	ND<0.13	ND<0.25	ND<0.50	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB39-18'	18	01/19/06	500	1.5* L	ND<5.0	ND<0.13	ND<0.13	ND<0.13	1.9	ND<0.50	0.32	0.71	1.4	2.1	12	6.9	0.88	0.15	ND<0.25	ND<0.5	ND<0.13	ND<0.13	ND<0.25	ND<0.13-1.3
	SB40-10'	10	01/19/06	ND<0.92	ND<1.0	ND<5.0	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0093	0.048	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-0.046
	SB40-15'	15	01/19/06	8.6	22* L	ND<5.0	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.050	0.032	0.019	ND<0.013	0.041	0.077	0.094	0.031	ND<0.013	ND<0.025	0.089	ND<0.013	ND<0.013	ND<0.025	ND<0.013-0.13
	SB40-18.5'	18.5	01/19/06	600	47* L	ND<5.0	ND<0.42	ND<0.42	0.62	3.6	ND<1.7	ND<0.42	ND<0.42	1.1	1.0	6.4	3.0	0.61	ND<0.42	ND<0.83	ND<1.7	ND<0.42	ND<0.42	ND<0.83	ND<0.42-4.2
	SB41-10'	10	01/19/06	ND<0.99	ND<1.0	ND<5.0	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.020	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0098	0.039	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049-0.049
	SB41-15'	15	01/19/06	5.4	7.2* L	ND<5.0	0.20	ND<0.0050	0.063	ND<0.0050	0.030	0.0061	0.013	ND<0.0050	0.040	0.18	0.0069	0.013	ND<0.0050	0.014	0.1	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050-0.10
	SB41-18'	18	01/19/06	1500	2.3* L	ND<5.0	ND<1.7	ND<1.7	5.9	9.5	ND<6.7	ND<1.7	ND<1.7	2.9	4.0	ND<24.0	8.1	1.7	ND<1.7	ND<3.3	ND<6.7	ND<1.7	24	ND<3.3	ND<1.7-17
	SB42-10'	10	01/18/06	1.7	1.7* L	ND<5.0	0.085	ND<0.0050	0.017	ND<0.0050	0.041	ND<0.0050	ND<0.0050	ND<0.0050	0.0075	0.0052	ND<0.0050	0.0061	ND<0.0050	0.020	0.073	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050-0.050
	SB42-14'	14	01/18/06	45	19* H L	26 H	0.18	0.32	0.20	0.9	ND<0.091	0.032	0.086	0.30	0.14	0.77	0.27	0.12	ND<0.023	ND<0.045	ND<0.091	ND<0.023	0.024	ND<0.045	ND<0.023-0.23
	SB42-18'	18	01/18/06	640	79* L	ND<5.0	[redacted]	9.4	5.4	27.7	ND<5	ND<1.3	ND<1.3	2.0	2.4	14.0	4.1	ND<1.3	ND<1.3	ND<2.5	ND<5.0	ND<1.3	ND<1.3	ND<2.5	ND<1.3-13
	SB43-15'	15	01/19/06	320	24* L	18	ND<0.25	ND<0.25	0.29	ND<0.25	ND<1	0.27	0.51	0.81	1.90	5.40	3.80	0.84	ND<0.25	ND<0.5	ND<1	ND<0.25	ND<0.25	ND<0.5	ND<0.25-2.5
3735-3737 Broadway	SB4-13'	13	01/08/04	ND<1.0	2.9*	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.005	ND<0.005	ND<0.010	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.010	ND<0.0050	ND<0.0050	ND<0.010	ND<0.005 - 0.050
	SB5-10.5'	10.5	01/08/04	50	21*	ND<50	ND<0.250	ND<0.250	1.4	5.8	ND<25	ND<0.250	0.570	0.900	2.7	15	14	2.3	0.670	ND<25	ND<2.5	ND<0.25	ND<0.25	ND<0.25	ND<0.25 - 25
	SB44-5'	5	01/20/06	ND<1.1	1.7* H	12	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0093	0.040	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-0.046
	SB44-16'	16	01/20/06	ND<0.98	2.3*	ND<5.0	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.019	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0096	0.058	ND<0.0048	ND<0.0048	ND<0.0096	ND<0.0048-0.048
	SB45-5'	5	01/20/06	ND<0.96	ND<1.0	14	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.018	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0091	0.082	ND<0.0045	ND<0.0045	ND<0.0091	ND<0.0045-0.045
	SB45-14'	14	01/20/06	ND<1.1	ND<1.0	ND<5.0	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0093	0.038	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-0.046
	SB46-8'	8	01/20/06	ND<1.0	ND<1.0	5.6	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.079	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050-0.050
	SB46-15'	15	01/20/06	ND<1.1	ND<0.99	ND<5.0	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.020	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0098	0.057	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049-0.049
	SB47-2'	2	01/20/06	ND<1.1	1.3* H	7.0	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.019	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0094	0.047	ND<0.0047	ND<0.0047	ND<0.0094	ND<0.0047-0.047
3741 and 3751-3757 Broadway	SB7-19'	19	01/09/04	ND<1.0	2.8*	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	0.059	ND<0.005	ND<0.005	ND<0.010	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.010	ND<0.0050	ND<0.0050	ND<0.010	ND<0.005 - 0.050
	SB8-5'	5	01/09/04	ND<1.0	3.6*	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.005	ND<0.005	ND<0.010	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.010	ND<0.0050	ND<0.0050	ND<0.010	ND<0.005 - 0.050
	SB9-5'	5	01/09/04	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.005	ND<0.005	ND<0.010	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.010	ND<0.0050	ND<0.0050	ND<0.010	ND<0.005 - 0.050
	SB10-5'	5	01/09/04	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	0.066	ND<0.005	ND<0.005	ND<0.010	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.010	ND<0.0050	ND<0.0050	ND<0.010	ND<0.005 - 0.050
	SB11-1'	1	01/09/04	ND<1.0	1,300*	4,600	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.005	ND<0.005	ND<0.010	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.010	ND<0.0050	ND<0.0050	ND<0.010	ND<0.005 - 0.050
	SB12-1'	1	01/09/04	ND<1.0	290*	2,200	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.005	ND<0.005	ND<0.010	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.050	ND<0.010	ND<0.0050	ND<0.0050	ND<0.010	ND<0.005 - 0.050
	SB31-2'	2	01/20/06	ND<1.0	12* H	94	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.019	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0096	0.063	ND<0.0048	ND<0.0048	ND<0.0096	ND<0.0048-0.048
	SB32-2'	2	01/20/06	ND<0.91	340* H	1,700	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.020	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0098	0.062	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049-0.049
	SB33-4'	4	01/20/06	ND<1.1	5.2* H	19	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0093	31	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-0.046
	SB35-4'	4	01/20/06	ND<1.1	69* H	360	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0020	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	0.057	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0050-0.050
	SB36-4'	4	01/20/06	ND<1.0	7.5* H	44	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.019	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0096	0.039	ND<0.0048	ND<0.0048	ND<0.0096	ND<0.0048-0.048
	SB48-4'	4	01/20/06	ND<1.1	240* H	860	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.019	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0094	ND<0.019	ND<0.0047	ND<0.0047	ND<0.0094	ND<0.0047-0.047
	SB48-10'	10	01/20/06	ND<1.1	9.7* H	59	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.019	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0094	0.033	ND<0.0047	ND<0.0047	ND<0.0094	ND<0.0047-0.047

ATTACHMENT A

Compilation of Soil Data

Table 1
Soil Sample Analytical Results - Petroleum Hydrocarbons and Volatile Organic Compounds
Kaiser Permanente
3701 - 3757 Broadway
Oakland, California
Results in milligrams per kilogram (mg/kg)

Area of Investigation	Sample ID	Depth (ft)	Sample Date	EPA Method 8015M			Volatile Organic Compounds (EPA Method 8260B)																	
				TPH/g	TPH/d	TPH/mo	Benzene	Toluene	Ethyl benzene	Xylenes	Acetone	sec-Butyl benzene	Isopropyl benzene	Napthalene	n-Propyl benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	n-Butyl benzene	p-Isopropyl toluene	2-Butanone	Methylene Chloride	1,2- Dichloro ethane	tert-Butyl benzene	Freon 12	All Other VOCs
	SB49-5'	5	01/20/06	ND<1.1	ND<1.0	ND<5.0	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.019	ND<0.0046	ND<0.0046	ND<0.0093	ND<0.0046-0.046
	SB49-11'	11	01/20/06	ND<1.0	1.4* H	11	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.053	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050-0.050
	SB50-5'	5	01/20/06	ND<1.1	ND<1.0	6.5 H	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.019	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0096	0.14	ND<0.0048	ND<0.0048	ND<0.0096	ND<0.0048-0.048
	SB50-14'	14	01/20/06	11	1.4* H	5.4	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.020	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0098	0.043	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049-0.049
	ESL		Residential (<3m)	100	100	500	0.044	2.9	3.3	2.3	0.5	NE	NE	0.46	NE	NE	NE	NE	NE	3.9	0.077	0.0045	NE	NE	NA
			Residential (>3m)	100	100	1000	0.044	2.9	3.3	2.3	0.5	NE	NE	0.46	NE	NE	NE	NE	NE	3.9	0.077	0.0045	NE	NE	NA
				gasolines	middle distillates	residual fuels																		

Notes:
ESL = Environmental screening levels for subsurface soils-residential land use permitted, where groundwater is a current or potential source of drinking water (Interim Final - Feb. 2005, San Francisco Bay Area Regional Water Quality Control Board, Summary Tables A-1 and C-1)
TPHg = Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel
TPHmo = Total petroleum hydrocarbons as motor oil
NE = Not established
NA = Not applicable
ND = Not detected above specified reporting limit
* = Laboratory qualifier indicates that the hydrocarbon reported does not match the pattern of their diesel standard
H = Heavier hydrocarbons contributed to the quantitation
L = Lighter hydrocarbons contributed to the quantitation
Z = Sample exhibits unknown single peak or peaks