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November 17, 2005

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

RECEIVED
NOV 22 2005
ENVIRONMENTAL HEALTH SERVICES

Re: **Workplan for Site Excavation**
Former Signal Oil Service Station # 20-6145
800 Center Street
Oakland, California
Cambria Project No. 31H-2002



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) for the referenced site (Figure 1). The property has recently been purchased by a developer. The preliminary plans for proposed development consists of six townhomes and detached garages (Figure 2). Construction plans provided by the developer indicate limited subsurface disturbance will occur during development.

The developer has requested that ongoing engineering controls of site impact be avoided if possible. Therefore, Chevron proposes to remove residual hydrocarbons prior to development of the site by excavating soil and pumping and treating groundwater. This in no way guarantees that engineering controls will not be necessary in the future but provides the greatest potential to alleviate future controls. A compilation of soil and groundwater data used to formulate the SGMP is attached hereto.

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

Sincerely,
Cambria Environmental Technology, Inc.

Laura Genin
Laura Genin
Senior Staff Geologist

cc: Strata
Mr. Rene Boisvert, 484 Lakepark Avenue, Oakland, California 94610

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)
800 Center Street
Oakland, California
November 17, 2005**

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

Site: Vacant Lot – Former Signal Oil Service Station
Chevron Site No. 20-6145
800 Center Street
Oakland, CA



Developer: Boulevard Equity Group
484 Lake Park Avenue. #246
Oakland, CA 94610

Chevron
Consultant: Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn: Laura Genin

Oversite Agency: Alameda County Health Services
1121 Harbor Bay Parkway
Alameda, California 94502

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PURPOSE OF SGMP

This Soil & Groundwater Management Plan (SGMP) has been prepared by Cambria for distribution to Alameda County Health Services (ACEHS), and Boulevard Equity Group. The purpose of this SGMP is to establish an approved plan for managing the excavation and dewatering of petroleum hydrocarbon-impacted soil and groundwater, at the site. Chevron shall be responsible for excavation, transportation and disposal of all excavated soil, and facilitating dewatering activities, including treatment and discharge, as needed.

This SGMP is further 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. A site-specific Health & Safety Plan (HASP) to cover subcontracted employees and the public will be developed by Cambria and based on the information provided herein.

DEVELOPEMENT PLAN

The development plan includes the construction of multiple townhomes and aboveground garages. The proposed plan includes the former Chevron property and two adjacent properties to the north and east. Both of the adjacent properties are currently empty lots previously owned by the City of Oakland.

A site Conceptual Model and Corrective Action Plan (SCM/CAP) was submitted to ACEHS in May of 2005. The SCM/CAP suggests that site development include a vapor barrier be placed below the proposed housing and a deed restriction attached to the property. However, Chevron recognizes the potential to further remediate site conditions prior to development and has suggested a second excavation at the site to remove residual hydrocarbons in order to reduce the probability of a need for a vapor barrier and reduce the source of ongoing hydrocarbon impacts to groundwater.

EXCAVATION PLAN

Planned excavation will encompass removing soil to approximately 17 feet below grade (fbg) across the western half of the site (Figure 2). Additionally, previous borings indicate that hydrocarbon impact may extend onto the adjacent property to the north; therefore, the excavation may extend onto this property also owned by Boulevard Equity Group.

Soil borings in the area indicate that soil above seven feet within the previously excavated area has not been re-impacted with hydrocarbons. Therefore, the top seven feet within the confines of the previous excavation will be stockpiled onsite and re-used as backfill material. Approximately

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500 cubic yards of excavated soil is anticipated to be used as backfill material, and 2,500 cubic yards of impacted soil is anticipated to be removed from the site.

Historically groundwater at the site has fluctuated between 6 and 10 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 be pumped to a holding tank that will be treated onsite prior to discharge under permit into the sanitary sewer.

MW-1A, located within the proposed excavation footprint will be dug out to its total depth of sixteen fbg. It is Chevron's intention that soil excavation will remove the bulk of onsite petroleum hydrocarbon-bearing soil. Because impacted soil has been detected offsite beneath the sidewalk west of the site, it is understood that limited residual impacted soil will remain beneath the city sidewalk and street along Center Street. Furthermore, it is understood that residual impacted soil may be left in place at depths greater than approximately 17 fbg due to groundwater inhibiting accessibility and the limits of shoring and/or safe excavation practices. Additionally, dewatering with carbon filtration to facilitate excavation may remove and treat a large volume of hydrocarbon-bearing groundwater.

ENVIRONMENTAL SUMMARY

A total of 47 soil borings, 5 soil vapor probes and 8 monitoring wells have been advanced both on and off site. Excavation activities performed in 2002 removed approximately 1,584 tons of hydrocarbon impacted soil to approximately 12 fbg. Following the excavation, 34 confirmation soil samples were collected.

Based on soil sampling from investigations conducted before and after the 2002 excavation, it appears that the highest hydrocarbon concentrations are detected in the center and western portions of the site near the former 1,000 gallon UST and former dispenser island.

The highest TPHg and benzene concentrations are detected between 7 and 15 fbg. TPHd concentrations are similarly distributed. Because groundwater depth ranges from 6 to 10 fbg, a significant portion of the hydrocarbon mass detected in soil resides below the current water table.

PROPOSED CLEANUP GOALS

The primary environmental goal during this project is the removal of petroleum hydrocarbon-impacted soil and dewatering of impacted groundwater in a safe manner, to reduce potential risk of hydrocarbon vapor inhalation to future occupants of the proposed structures.

Ideally, all impacted soil would be excavated and disposed. However, a limited volume of impacted soil exists outside the property boundaries (in the public right of way). This offsite soil and any impacted soil deeper than approximately 17 fbg, are considered inaccessible due to safety

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constraints. Therefore, it is understood that a limited mass of residual hydrocarbons will remain in the subsurface and allowed to degrade over time through natural attenuation.

Given that residual impacted soil will remain in place, cleanup goals establishing the acceptable residual concentrations of gasoline constituents need to be negotiated in advance by ACEHS. These negotiated cleanup goals will define the extent of remedial excavation and eliminate construction downtime and costs.

The primary objective for establishing cleanup goals for this project is to address risk to human health, specifically potential hydrocarbon vapor inhalation to future occupants. Once the bulk of hydrocarbon mass has been removed via excavation and an expected substantial volume of impacted groundwater removed and treated, the potential risk of vapor inhalation will be substantially reduced. Furthermore, the architectural plans, as explained to Chevron, define a foundation that will not be in direct contact with ground surface and will allow approximately one foot of open air ventilation between the dwellings and the ground surface.

It is the intention of Chevron to remove impacted soil, where accessible and practical, with the goal of meeting conservative environmental screening level standards as defined by regional water quality control Board (RWQCB) Environmental Screening Levels (ESLs). Therefore, Cambria proposes the following soil cleanup goals for approval:

Proposed Soil Cleanup Goals						
TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)
400	500	0.18	9.3	32.0	11.0	2.0

ESL values taken from Table D-1. DEEP SOIL SCREENING LEVELS (>3m bgs) RESIDENTIAL LAND USE (potentially impacted groundwater IS NOT a current or potential drinking water resource)

DW source 100 100 1044 2.9 3.3 1.5 0.23

Soil cleanup-goal concentrations were taken from the RWQCB ESLs, Table D-1 – Deep Soil Screening Levels (>3m bgs) for residential land use where potentially impacted groundwater is NOT a current or potential drinking water resource.

The bulk of hydrocarbon-bearing soil in the main source area resides between approximately 10 to 17 fbg. It is anticipated that impacted soil exceeding ESLs, will be removed, thereby, meeting the proposed soil cleanup goals. In the event that following all feasible excavation attempts, final confirmation soil samples indicate that an isolated area(s) contain hydrocarbon concentrations exceeding the proposed ESLs, a risk-based study using the residual concentrations and ventilated townhome construction specifications will be completed to demonstrate that no significant risk to human health exists to the satisfaction of the ACEHS.

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CONFIRMATION SOIL SAMPLING

Confirmation soil sampling will be conducted in two phases. The first round will be collected once the excavation has met the total anticipated excavation grade across the site. In areas where samples indicate that hydrocarbon concentrations exceed approved ESLs, additional soil will be removed if possible. Once the additional excavation has been conducted, a second set of confirmation samples in those areas additionally excavated will be collected. Final soil samples will be used to demonstrate that approved soil cleanup goals have been met to the degree possible and to document residual concentrations to aid in post-remediation monitoring and closure criteria.



Confirmation soil samples will be collected from the bottom of the excavation on an approximate 20-foot grid pattern. Sidewall samples from the north, south and east will be collected at 20-foot intervals at approximately 10 fbg. Additional samples may be collected if visual inspection of the excavation indicates areas of limited impact. It is unlikely that sidewall samples located on the west side of the excavation will be accessible due to shoring. Samples will be collected using an 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 the following constituents:

- TPHg and TPHd by EPA Method 8015M
- BTEX and select oxygenates including MTBE by EPA Method 8260B

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. Impacted and non-impacted soil will be stockpiled separately. Chevron will coordinate transport and disposal of soil. Any soil not immediately removed from the site will be stockpiled onsite.
2. Impacted soil will be pre-approved for disposal at an appropriate Chevron-approved landfill.
3. Stockpiled soil shall be placed on and covered with plastic sheeting 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.

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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.
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. Where initial soil sample concentrations exceed negotiated cleanup goals and are accessible, Cambria will direct the Contractor to continue excavation to remove residual hydrocarbon-bearing soil exceeding the soil clean-up goals to the extent practical. Once additional impacted soil is excavated, Cambria will direct the collection of new confirmation soil samples in those areas excavated to document residual concentrations left in place. These samples will also be placed on RUSH (24-hour) laboratory turn-around-time.
8. 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 17 fbg to minimize backfill and compaction complications.
9. Once final excavation activities are completed, based on the final confirmation soil sample results, the excavation will be backfilled with clean soil and the top seven feet of excavated soil and compacted to a minimum 90% relative density.

Groundwater

10. 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.
11. 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.

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Worker and Public Safety

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12. 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.
 13. All work involving contact with soil and/or groundwater at the site shall be performed in compliance with this SGMP and applicable HASP.
 14. 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 onsite at all times.
 15. Air quality shall be monitored with an appropriate instrument during all earthwork activities. Any task that results in the emanation of excessive odors shall be ceased temporarily.
 16. No soil dust is anticipated due to expected soil moisture content. 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

17. Cambria shall coordinate soil transportation and disposal with Integrated Wastestream Management (IWM) with a minimum of 48-hours advance notification or as required by IWM.
18. 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 is not intended to meet the criteria for case closure at this time. It is understood that post-remedial activities may require additional investigations to define both onsite and offsite impacts including new well installations, where feasible, to complete monitoring of the existing groundwater plume and its extents. Once excavation activities are complete, Cambria will submit a report documenting the completed work including volumes of soil and groundwater either removed and/or treated, residual hydrocarbon concentrations both on and offsite, and proposed post monitoring recommendations.

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CLOSING

As the new owner is anxious to begin development, Cambria would appreciate ACEHD 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. We thank you for your time and consideration with this project.

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

Sincerely,
Cambria Environmental Technology, Inc.

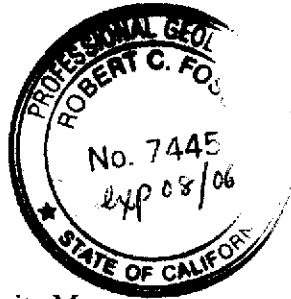


Laura Din

Laura Genin
Senior Staff Geologist

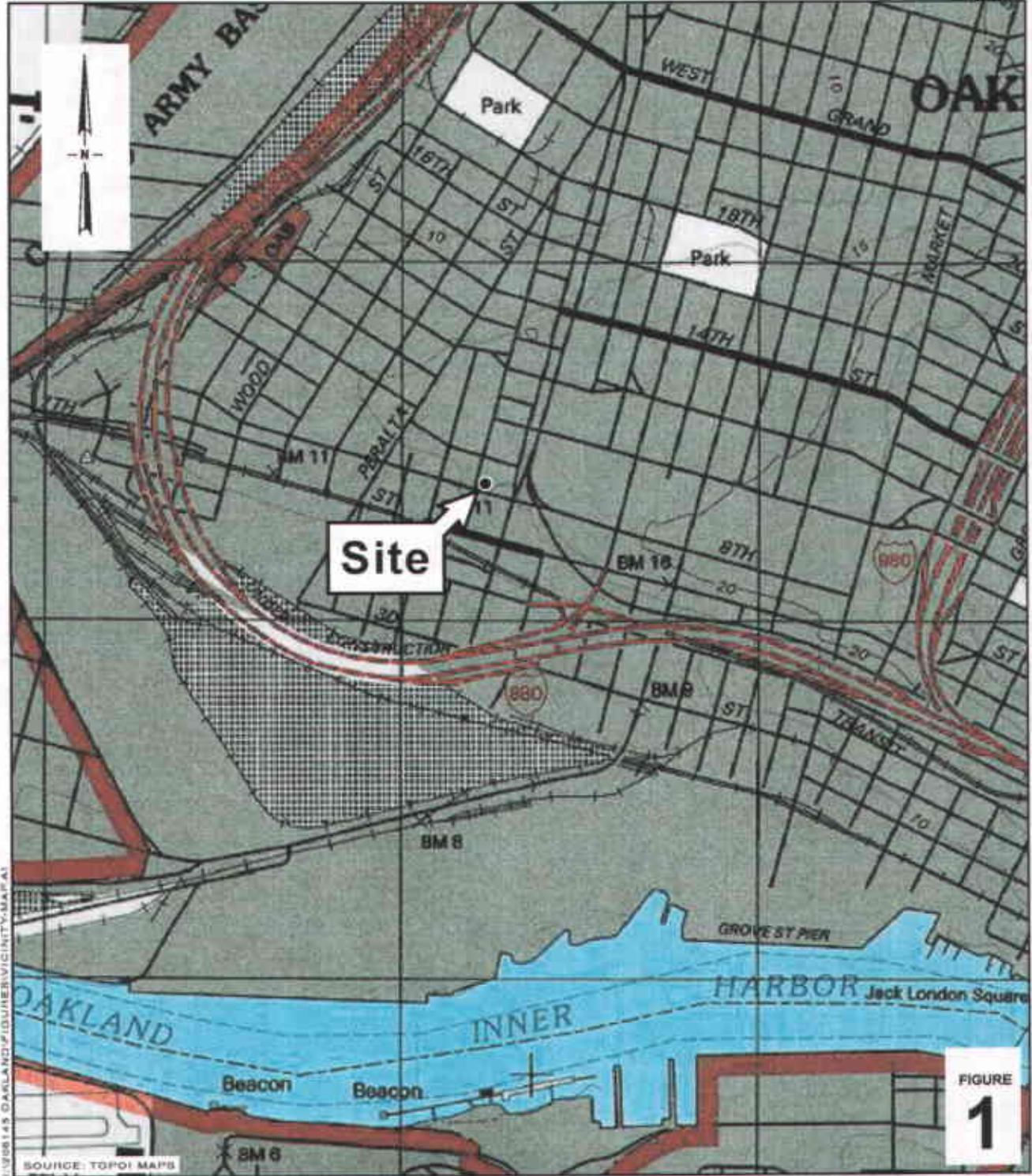
Robert Foss

Robert Foss, PG #7445
Associate Geologist



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

Attachments: A - Compilation of Soil Data



1:988145 OAKLAND VICINITY MAP (A)

SOURCE: TOPOI MAPS

FIGURE 1

0 1/8 1/4 1/2 1
SCALE : 1" = 1/4 MILE

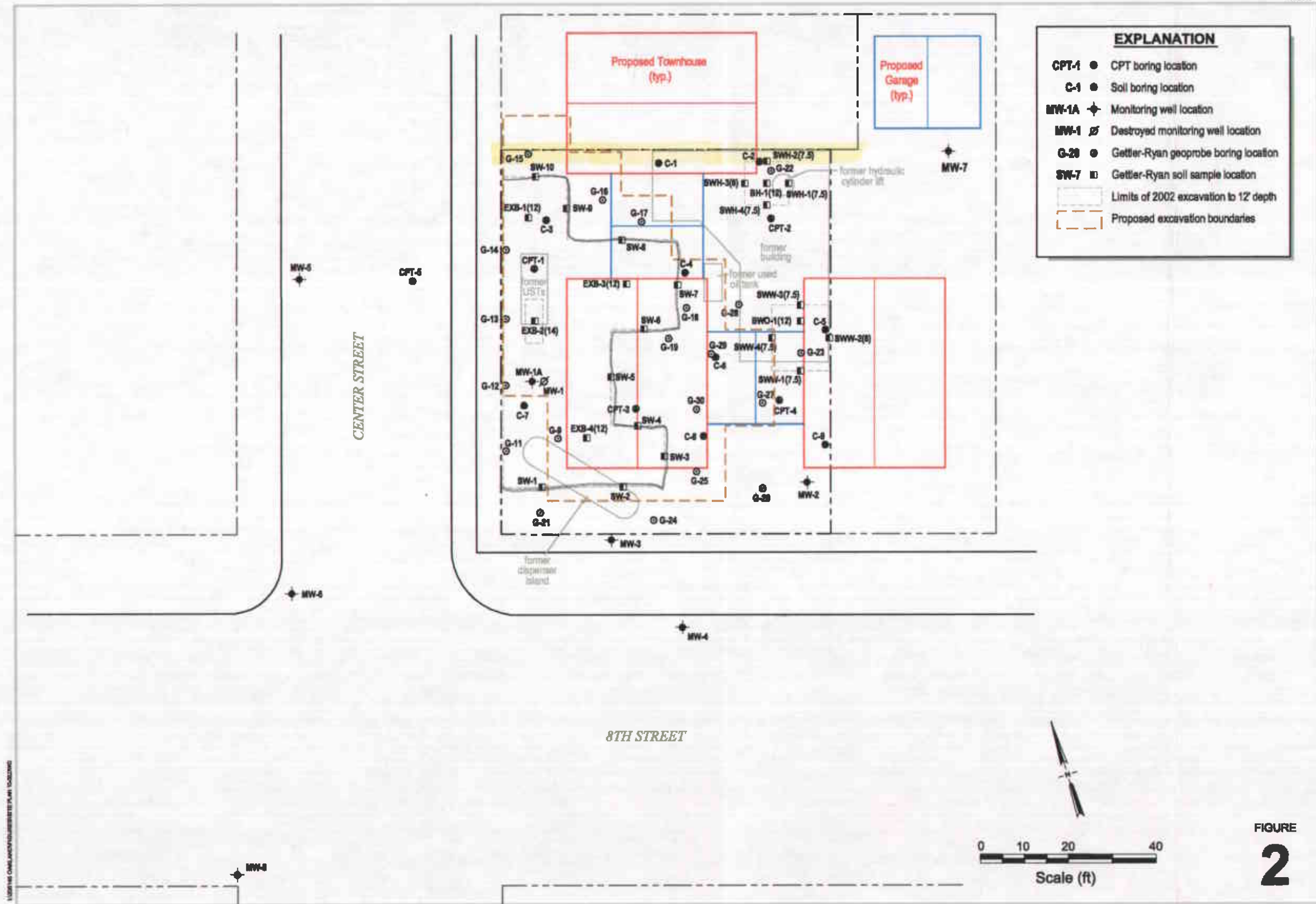
Chevron Service Station # 206145



Vicinity Map

800 Center Street
Oakland, California

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Site Plan



Former Chevron Service Station 206145
 800 Center Street
 Oakland, California

ATTACHMENT A
Compilation of Soil Data

CAMBRIA

Table 1. Analytic Results for Soil - Former Chevron Station 20-6145
Oakland, California

800 Center Street,

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram - mg/kg								
C-1	11/1/04	5	<10.0	2.8	<0.0005	<0.001	<0.001	<0.001
C-1	11/1/04	10	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-1	11/1/04	15	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-1	11/1/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-1	11/1/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-2	11/1/04	5	450	<1.0	<0.0005	<0.001	<0.001	<0.001
C-2	11/1/04	10	67	<1.0	<0.0005	0.002	<0.001	<0.001
C-2	11/1/04	15	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-2	11/1/04	20	13	<1.0	<0.0005	<0.001	<0.001	<0.001
C-2	11/1/04	24.5	<10.0	<1.0	<0.0005	0.001	<0.001	<0.001
C-3	11/1/04	10	640	4,800	0.75	94	66	310
C-3	11/1/04	15	22	9.7	<0.001	<0.002	0.003	0.005
C-3	11/1/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-3	11/1/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-3	11/1/04	---	---	---	---	---	---	---
C-4	11/1/04	5	160	9.2	0.001	0.008	<0.001	0.003
C-4	11/2/04	10	1,000	6,300	11	410	200	780
C-4	11/2/04	15	<10.0	3.1	<0.0005	<0.001	<0.001	<0.001
C-4	11/2/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-4	11/2/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-5	11/1/04	5	160	1	<0.0005	<0.001	<0.001	<0.001
C-5	11/2/04	10	330	2.3	<0.0005	0.002	<0.001	0.002
C-5	11/2/04	15	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-5	11/2/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-5	11/2/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-6	11/2/04	10	94	880	<0.063	3.8	6.9	36
C-6	11/2/04	15	<10.0	27	<0.002	<0.005	0.11	0.052
C-6	11/2/04	20	<10.0	4.3	<0.0005	<0.001	<0.001	<0.001
C-6	11/2/04	24.5	<10.0	<1.0	<0.0005	0.003	<0.001	0.001
C-6	11/2/04	---	---	---	---	---	---	---
C-7	11/1/04	10	520	<10	<0.0005	0.003	<0.001	0.002
C-7	11/1/04	15	39	1,100	<0.063	1.9	5.7	33
C-7	11/1/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-7	11/1/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-7	11/2/04	---	---	---	---	---	---	---
C-8	11/1/04	5	38	<1.0	<0.0005	<0.001	<0.001	<0.001
C-8	11/2/04	10	1,200	6,200	20	590	240	990
C-8	11/2/04	15	<10.0	19	0.001	<0.002	0.003	0.002
C-8	11/2/04	20	<10.0	2.7	<0.0005	<0.001	<0.001	0.001
C-8	11/2/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001

CAMBRIA

Table 1. Analytic Results for Soil - Former Chevron Station 20-6145
Oakland, California

800 Center Street,

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram - mg/kg								
C-9	11/1/04	5	47	<4.0	<0.0005	0.003	<0.001	<0.001
C-9	11/2/04	10	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-9	11/2/04	15	<10.0	<1.0	<0.0005	0.002	<0.001	0.002
C-9	11/2/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
C-9	11/2/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-1	10/6/04	10.5	860	5,300	10	230	92	460
CPT-1	10/6/04	14.5	<10.0	2	0.0005	<0.001	<0.001	<0.001
CPT-1	10/6/04	25.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-1	10/6/04	29.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-1	10/6/04	35	<10.0	<1.0	0.0005	0.005	0.004	0.023
CPT-1	10/6/04	40	<10.0	<1.0	0.01	0.098	0.04	0.2
CPT-1	10/6/04	--	---	---	---	---	---	---
CPT-1	10/6/04	---	---	---	---	---	---	---
CPT-2	10/6/04	5	560	<4.0	<0.0005	<0.001	<0.001	<0.001
CPT-2	10/7/04	10.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-2	10/7/04	14.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-2	10/7/04	20.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-2	10/7/04	25.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-2	10/7/04	29.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-2	10/7/04	35.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-2	10/7/04	40.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-3	10/12/04	10.5	890	9,000	1.9	200	130	660
CPT-3	10/12/04	15.5	<10.0	18	0.094	0.028	0.34	0.31
CPT-3	10/12/04	20.5	<10.0	14	0.002	0.003	0.01	0.025
CPT-3	10/12/04	25.5	<10.0	1.3	0.001	0.009	0.001	0.005
CPT-3	10/12/04	29.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-3	10/12/04	35.5	<10.0	3.3	0.013	0.031	<0.001	0.11
CPT-3	10/12/04	40.5	<10.0	4.5	0.008	0.032	0.002	0.13
CPT-3	10/12/04	--	---	---	---	---	---	---
CPT-4	10/6/04	5	46	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-4	10/8/04	10.5	<10.0	1.2	<0.0005	<0.001	<0.001	<0.001
CPT-4	10/8/04	14.5	<10.0	<1.0	<0.0005	0.005	0.001	0.005
CPT-4	10/8/04	20.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-4	10/8/04	25.5	<10.0	<1.0	<0.0005	0.002	<0.001	0.002
CPT-4	10/8/04	29.5	<10.0	<1.0	<0.0005	0.004	0.001	0.005
CPT-4	10/8/04	35.5	<10.0	<1.0	<0.0005	0.001	<0.001	0.001
CPT-4	10/8/04	40.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001
CPT-5	10/11/04	5	<10.0	1.5	<0.0005	<0.001	<0.001	<0.001
CPT-5	10/11/04	9.5	530	7,200	13	260	100	550
CPT-5	10/11/04	15.5	<10.0	140	<0.063	<0.13	<0.13	0.13
CPT-5	10/11/04	25.5	22	7.6	0.081	0.75	0.12	0.74
CPT-5	10/11/04	29.5	<10.0	13	0.0005	0.005	0.002	0.01
CPT-5	10/11/04	35.5	<10.0	<1.0	<0.0005	0.006	0.003	0.015
CPT-5	10/11/04	50.5	<10.0	4.8	<0.0005	0.003	0.002	0.01
CPT-5	10/11/04	69.5	<10.0	<1.0	<0.0005	0.001	<0.001	0.001
CPT-5		---	---	---	---	---	---	---

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Table 1. Analytic Results for Soil - Former Chevron Station 20-6145
Oakland, California

800 Center Street,

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram - mg/kg								
EXB-1	11/14/02	12	1100	4000	25	230	87	380
EXB-1	11/14/02	---	---	---	---	---	---	---
EXB-1	11/14/02	---	---	---	---	---	---	---
EXB-1	11/14/02	---	---	---	---	---	---	---
EXB-1	11/14/02	---	---	---	---	---	---	---
EXB-2	11/15/02	14	270	1900	7.3	71	42	200
EXB-2	11/15/02	---	---	---	---	---	---	---
EXB-2	11/15/02	---	---	---	---	---	---	---
EXB-2	11/15/02	---	---	---	---	---	---	---
EXB-2	11/15/02	---	---	---	---	---	---	---
EXB-3	11/16/02	12	920	3400	9.5	170	86	370
EXB-3	11/16/02	---	---	---	---	---	---	---
EXB-3	11/16/02	---	---	---	---	---	---	---
EXB-3	11/16/02	---	---	---	---	---	---	---
EXB-3	11/16/02	---	---	---	---	---	---	---
EXB-4	11/16/02	12	1100	6900	22	310	150	460
EXB-4	11/16/02	---	---	---	---	---	---	---
EXB-4	11/16/02	---	---	---	---	---	---	---
EXB-4	11/16/02	---	---	---	---	---	---	---
EXB-4	11/16/02	---	---	---	---	---	---	---
G-1	6/21/02	5	---	3000	0.95	---	---	---
G-1	6/21/02	10	---	12000	31	---	---	---
G-1	6/21/02	---	---	---	---	---	---	---
G-1	6/21/02	---	---	---	---	---	---	---
G-1	6/21/02	---	---	---	---	---	---	---
G-2	6/21/02	5	---	2700	2.8	---	---	---
G-2	6/21/02	10	---	3800	7.5	---	---	---
G-2	6/21/02	---	---	---	---	---	---	---
G-2	6/21/02	---	---	---	---	---	---	---
G-2	6/21/02	---	---	---	---	---	---	---
G-3	6/21/02	5	---	<1.0	0.0050	---	---	---
G-3	6/21/02	10	---	7700	19	---	---	---
G-3	6/21/02	---	---	---	---	---	---	---
G-3	6/21/02	---	---	---	---	---	---	---
G-3	6/21/02	---	---	---	---	---	---	---
G-3	6/21/02	---	---	---	---	---	---	---
G-4	6/21/02	5	---	<1.0	<0.0050	---	---	---
G-4	6/21/02	10	---	3300	3.5	---	---	---
G-4	6/21/02	---	---	---	---	---	---	---
G-4	6/21/02	---	---	---	---	---	---	---
G-4	6/21/02	---	---	---	---	---	---	---
G-4	6/21/02	---	---	---	---	---	---	---
G-5	6/21/02	5	---	7.1	<0.0050	---	---	---
G-5	6/21/02	10	---	45	0.062	---	---	---
G-5	6/21/02	---	---	---	---	---	---	---
G-5	6/21/02	---	---	---	---	---	---	---
G-5	6/21/02	---	---	---	---	---	---	---

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Table 1. Analytic Results for Soil - Former Chevron Station 20-6145
Oakland, California

800 Center Street,

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram - mg/kg								
G-6	6/21/02	5	---	<1.0	<0.0050			
G-6	6/21/02	10	---	6300	19			
G-6	6/21/02	---	---	---	---	---	---	---
G-6	6/21/02	---	---	---	---	---	---	---
G-6	6/21/02	---	---	---	---	---	---	---
G-7	6/21/02	5	---	<1.0	0.0057			
G-7	6/21/02	10	---	7300	18			
G-7	6/21/02	---	---	---	---	---	---	---
G-7	6/21/02	---	---	---	---	---	---	---
G-7	6/21/02	---	---	---	---	---	---	---
G-8	6/21/02	5	---	7100	8.4			
G-8	6/21/02	10	---	16000	69			
G-8	6/21/02	---	---	---	---	---	---	---
G-8	6/21/02	---	---	---	---	---	---	---
G-8	6/21/02	---	---	---	---	---	---	---
G-9	6/21/02	5	---	3700	1.9			
G-9	6/21/02	10	---	19000	83			
G-9	6/21/02	---	---	---	---	---	---	---
G-9	6/21/02	---	---	---	---	---	---	---
G-9	6/21/02	---	---	---	---	---	---	---
G-10	6/21/02	5	---	<1.0	0.014			
G-10	6/21/02	10	---	2100	1.4			
G-10	6/21/02	---	---	---	---	---	---	---
G-10	6/21/02	---	---	---	---	---	---	---
G-10	6/21/02	---	---	---	---	---	---	---
G-11	6/21/02	5	---	<1.0	<0.0050			
G-11	6/21/02	10	---	100	<0.080			
G-11	6/21/02	---	---	---	---	---	---	---
G-11	6/21/02	---	---	---	---	---	---	---
G-11	6/21/02	---	---	---	---	---	---	---
G-12	6/21/02	5	---	<1.0	<0.0050			
G-12	6/21/02	10	---	9000	50			
G-12	6/21/02	---	---	---	---	---	---	---
G-12	6/21/02	---	---	---	---	---	---	---
G-12	6/21/02	---	---	---	---	---	---	---
G-13	6/21/02	5	---	<1.0	<0.0050			
G-13	6/21/02	10	---	12000	56			
G-13	6/21/02	---	---	---	---	---	---	---
G-13	6/21/02	---	---	---	---	---	---	---
G-13	6/21/02	---	---	---	---	---	---	---
G-14	6/21/02	5	---	3900	<20			
G-14	6/21/02	10	---	14000	65			
G-14	6/21/02	---	---	---	---	---	---	---
G-14	6/21/02	---	---	---	---	---	---	---
G-14	6/21/02	---	---	---	---	---	---	---

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Table 1. Analytic Results for Soil - Former Chevron Station 20-6145 800 Center Street,
Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram - mg/kg								
G-15	6/21/02	5	---	<1.0	<0.0050	0.02	<0.0050	0.017
G-15	6/21/02	10	---	5800	12	320	110	450
G-15	6/21/02	---	---	---	---	---	---	---
G-15	6/21/02	---	---	---	---	---	---	---
G-15	6/21/02	---	---	---	---	---	---	---
G-16	6/21/02	5	---	<1.0	<0.0050	0.015	<0.0050	<0.015
G-16	6/21/02	10	---	2100	5.1	110	52	230
G-16	6/21/02	---	---	---	---	---	---	---
G-16	6/21/02	---	---	---	---	---	---	---
G-16	6/21/02	---	---	---	---	---	---	---
G-17	6/21/02	5	---	35	0.082	0.78	0.54	1.2
G-17	6/21/02	10	---	420	0.62	9.2	9.9	41
G-17	6/21/02	---	---	---	---	---	---	---
G-17	6/21/02	---	---	---	---	---	---	---
G-17	6/21/02	---	---	---	---	---	---	---
G-18	6/21/02	5	---	81	0.11	1.1	0.76	2.6
G-18	6/21/02	10	---	1700	4.9	68	51	220
G-18	6/21/02	---	---	---	---	---	---	---
G-18	6/21/02	---	---	---	---	---	---	---
G-18	6/21/02	---	---	---	---	---	---	---
G-19	6/21/02	5	---	<1.0	<0.0050	0.015	<0.0050	<0.015
G-19	6/21/02	10	---	4500	20	230	110	450
G-19	6/21/02	---	---	---	---	---	---	---
G-19	6/21/02	---	---	---	---	---	---	---
G-19	6/21/02	---	---	---	---	---	---	---
G-21	6/21/02	5	---	<1.0	<0.0050	0.016	<0.0050	0.016
G-21	6/21/02	10	---	1	0.0091	0.18	0.055	0.23
G-21	6/21/02	---	---	---	---	---	---	---
G-21	6/21/02	---	---	---	---	---	---	---
G-21	6/21/02	---	---	---	---	---	---	---
G-24	1/29/03	5	52	<1.0	<0.0050	0.012	<0.0050	<0.015
G-24	1/29/03	10	<10	<1.0	0.0074	0.014	<0.0050	<0.015
G-24	1/29/03	15	<10	<1.0	0.026	0.012	0.0096	<0.015
G-24	1/29/03	---	---	---	---	---	---	---
G-24	1/29/03	---	---	---	---	---	---	---
G-25	1/29/03	5	53	<1.0	<0.0050	<0.0095	<0.0050	<0.015
G-25	1/29/03	10	1400	8800	27	560	290	1200
G-25	1/29/03	15	350	1200	8.5	90	35	140
G-25	1/29/03	---	---	---	---	---	---	---
G-25	1/29/03	---	---	---	---	---	---	---
G-26	1/29/03	5	<10	2.2	<0.0050	0.02	0.0076	0.036
G-26	1/29/03	10	<10	<1.0	<0.0050	0.0092	<0.0050	<0.015
G-26	1/29/03	15	<10	2.2	0.0092	<0.020	0.019	0.031
G-26	1/29/03	---	---	---	---	---	---	---
G-26	1/29/03	---	---	---	---	---	---	---

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Table 1. Analytic Results for Soil - Former Chevron Station 20-6145 800 Center Street,
Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram - mg/kg								
G-27	1/29/03	5	<10	<1.0	<0.0050	0.02	<0.0050	0.018
G-27	1/29/03	10	1600	5500	13	250	180	700
G-27	1/29/03	15	170	10000	58	790	350	1300
G-27	1/29/03	---	---	---	---	---	---	---
G-27	1/29/03	---	---	---	---	---	---	---
G-28	1/29/03	5	<10	<1.0	0.0054	0.03	0.0063	0.026
G-28	1/29/03	10	<10	16	0.027	0.096	0.056	0.28
G-28	1/29/03	15	<10	620	2.3	34	17	71
G-28	1/29/03	---	---	---	---	---	---	---
G-28	1/29/03	---	---	---	---	---	---	---
G-29	1/29/03	5	<10	<1.0	<0.0050	0.021	0.0057	0.021
G-29	1/29/03	10	410	5200	39	380	160	640
G-29	1/29/03	15	1100	4800	14	290	170	670
G-29	1/29/03	---	---	---	---	---	---	---
G-29	1/29/03	---	---	---	---	---	---	---
G-30	1/29/03	5	<10	7.1	0.014	0.25	0.14	0.7
G-30	1/29/03	10	1600	16000	92	1000	480	1900
G-30	1/29/03	15	500	3500	27	210	85	370
G-30	1/29/03	---	---	---	---	---	---	---
G-30	1/29/03	---	---	---	---	---	---	---
MW-1A	1/29/03	16	<10	<1.0	0.013	0.033	0.0087	0.027
MW-1A	1/29/03	---	---	---	---	---	---	---
MW-1A	1/29/03	---	---	---	---	---	---	---
MW-1A	1/29/03	---	---	---	---	---	---	---
MW-1A	1/29/03	---	---	---	---	---	---	---
MW-2	10/17/95	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-2	10/17/95	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-2	10/17/95	---	---	---	---	---	---	---
MW-2	10/17/95	---	---	---	---	---	---	---
MW-2	10/17/95	---	---	---	---	---	---	---
MW-3	10/17/95	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-3	10/17/95	10	---	<1.0	0.24	0.01	0.016	0.019
MW-3	10/17/95	---	---	---	---	---	---	---
MW-3	10/17/95	---	---	---	---	---	---	---
MW-3	10/17/95	---	---	---	---	---	---	---
MW-4	10/18/95	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-4	10/18/95	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-4	10/18/95	---	---	---	---	---	---	---
MW-4	10/18/95	---	---	---	---	---	---	---
MW-4	10/18/95	---	---	---	---	---	---	---
MW-5	12/18/96	5	---	<1.0	<0.0050	0.016	0.0083	0.046
MW-5	12/18/96	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-5	12/18/96	15	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-5	12/18/96	---	---	---	---	---	---	---
MW-5	12/18/96	---	---	---	---	---	---	---

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Table 1. Analytic Results for Soil - Former Chevron Station 20-6145
Oakland, California

800 Center Street,

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram - mg/kg								
MW-6	12/18/96	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-6	12/18/96	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-6	12/18/96	15	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-6	12/18/96	---	---	---	---	---	---	---
MW-6	12/18/96	---	---	---	---	---	---	---
MW-7	12/18/96	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-7	12/18/96	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-7	12/18/96	15	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-7	12/18/96	---	---	---	---	---	---	---
MW-7	12/18/96	---	---	---	---	---	---	---
MW-8	12/18/96	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-8	12/18/96	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-8	12/18/96	15	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-8	12/18/96	---	---	---	---	---	---	---
MW-8	12/18/96	---	---	---	---	---	---	---
SW-1	11/15/02	5	<10	<1.0	<0.0050	0.0073	<0.0050	0.017
SW-1	11/15/02	10	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015
SW-1	11/15/02	---	---	---	---	---	---	---
SW-1	11/15/02	---	---	---	---	---	---	---
SW-1	11/15/02	---	---	---	---	---	---	---
SW-10	11/15/02	5	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015
SW-10	11/15/02	10	240	570	<0.10	0.66	3.7	21
SW-10	11/15/02	---	---	---	---	---	---	---
SW-10	11/15/02	---	---	---	---	---	---	---
SW-10	11/15/02	---	---	---	---	---	---	---
SW-2	11/15/02	5	<10	<1.0	<0.0050	0.0088	<0.0050	<0.015
SW-2	11/15/02	10	1600	2800	2.5	75	52	250
SW-2	11/15/02	---	---	---	---	---	---	---
SW-2	11/15/02	---	---	---	---	---	---	---
SW-2	11/15/02	---	---	---	---	---	---	---
SW-3	11/15/02	5	<10	<1.0	<0.0050	0.0089	<0.0050	0.021
SW-3	11/15/02	10	1200	7300	19	330	170	650
SW-3	11/15/02	---	---	---	---	---	---	---
SW-3	11/15/02	---	---	---	---	---	---	---
SW-3	11/15/02	---	---	---	---	---	---	---
SW-4	11/15/02	5	<10	<1.0	<0.0050	0.0081	<0.0050	<0.015
SW-4	11/15/02	10	3400	18000	91	1200	440	1900
SW-4	11/15/02	---	---	---	---	---	---	---
SW-4	11/15/02	---	---	---	---	---	---	---
SW-4	11/15/02	---	---	---	---	---	---	---
SW-5	11/15/02	5	<10	<1.0	0.0072	0.039	0.0057	0.022
SW-5	11/15/02	10	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015
SW-5	11/15/02	---	---	---	---	---	---	---
SW-5	11/15/02	---	---	---	---	---	---	---
SW-5	11/15/02	---	---	---	---	---	---	---

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Table 1. Analytic Results for Soil - Former Chevron Station 20-6145
Oakland, California

800 Center Street,

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram - mg/kg								
SW-6	11/15/02	5	110	4.1	0.0084	0.15	0.079	0.41
SW-6	11/15/02	10	920	3900	7.3	140	110	450
SW-6	11/15/02	---	---	---	---	---	---	---
SW-6	11/15/02	---	---	---	---	---	---	---
SW-6	11/15/02	---	---	---	---	---	---	---
SW-7	11/15/02	5	<10	<1.0	<0.0050	0.011	<0.0050	<0.015
SW-7	11/15/02	10	700	4800	11	250	130	540
SW-7	11/15/02	---	---	---	---	---	---	---
SW-7	11/15/02	---	---	---	---	---	---	---
SW-7	11/15/02	---	---	---	---	---	---	---
SW-8	11/15/02	5	<10	<1.0	<0.0050	0.016	<0.0050	<0.015
SW-8	11/15/02	10	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015
SW-8	11/15/02	---	---	---	---	---	---	---
SW-8	11/15/02	---	---	---	---	---	---	---
SW-8	11/15/02	---	---	---	---	---	---	---
SW-9	11/15/02	5	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015
SW-9	11/15/02	10	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015
SW-9	11/15/02	---	---	---	---	---	---	---
SW-9	11/15/02	---	---	---	---	---	---	---
SW-9	11/15/02	---	---	---	---	---	---	---

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8260B

<x = Not detected above method detection limit

fbg = Feet below grade

2300 - Denotes a concentration in soil removed during 2002 excavation.