

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

StID 5347

November 30, 1999

Ms. Ingrid Werner
22 Kensington Court
Kensington, CA 94707

Mr. Rod Simmons
Chevron Products
P.O.Box 5004
San Ramon, CA 94583-0804

Re: Fuel Leak Site Case Closure for 701 San Pablo Avenue, Albany, CA

Dear Ms. Werner and Mr. Simmons:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Protection Division is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- up to 360ppm TPH as gasoline, 400ppm TPHd and 0.25ppm benzene exists in soil beneath the site;
- up to 6,600ppb TPHg and 22ppb benzene exists in groundwater beneath the site; and,
- a site safety plan must be prepared for construction workers in the event of excavation/trenching is proposed in the vicinity of residual soil and groundwater contamination.

If you have any questions, please contact me at (510) 567-6762.

eva chu
Hazardous Materials Specialist

enclosures: 1. Case Closure Letter 2. Case Closure Summary

c: Ann Chaney, Community Development Director, City of Albany, Planning Dept.,
1000 San Pablo Ave., Albany, CA 94706
files (werner-4)

ALAMEDA COUNTY
HEALTH CARE SERVICES

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ENVIRONMENTAL HEALTH SERVICES
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1131 Harbor Bay Parkway
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(510) 567-6700
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REMEDIAL ACTION COMPLETION CERTIFICATION

**StID 5347 - 701 San Pablo Avenue, Albany, CA
(1-300 gallon waste oil tank removed on June 29, 1996, and 4 gasoline
USTs removed in February 1979)**

November 30, 1999

Ms. Ingrid Werner
22 Kensington Court
Kensington, CA 94707

Mr. Rod Simmons
Chevron Products
P.O.Box 5004
San Ramon, CA 94583-0804

Dear Ms. Werner and Mr. Simmons:

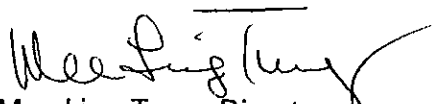
This letter confirms the completion of site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Section 2721(e) of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,


Mee Ling Tung, Director

cc: Ariu Levi, Chief of Division of Environmental Protection
Chuck Headlee, RWQCB
Dave Deaner, SWRCB
Brian Crudo, Albany Fire Department, 1000 San Pablo Ave., Albany, CA 94706
files-ec (werner-3)

RB#01-2314

ENVIRONMENTAL PROTECTION
99 NOV 30 PM 1:28

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: October 26, 1999

Agency name: **Alameda County-HazMat**
City/State/Zip: **Alameda, CA 94502**
Responsible staff person: **Eva Chu**

Address: **1131 Harbor Bay Pkwy**
Phone: **(510) 567-6700**
Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: **Werner Property**
Site facility address: **701 San Pablo Ave, Albany, CA 94706**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **5347**
URF filing date: **6/25/96** SWEEPS No: **N/A**

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Ms. Ingrid Werner	22 Kensington Court, Kensington, CA 94707	510/525-9335

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	300	Waste Oil	Removed	6/20/96
2	2,000	Gasoline	Removed	Feb 1979
3	3,000	"	"	"
4	3,000	"	"	"
5	6,000	"	"	"

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Unknown**
Site characterization complete? **YES**
Date approved by oversight agency:
Monitoring Wells installed? **NO, but grab water samples were collected from six soil borings**
Proper screened interval? **NA**
Highest GW depth below ground surface: **Groundwater was encountered at ~9.6' to 14.6'bgs from borings B1 through B3**
Flow direction: **Not determined, but regional flow is to the west, southwest.**
Most sensitive current use: **Commercial/residential**
Are drinking water wells affected? **No** Aquifer name: **Unknown**
Is surface water affected? **No** Nearest affected SW name: **NA**
Off-site beneficial use impacts (addresses/locations): **None**
Report(s) on file? **YES** Where is report(s) filed? **Alameda County**
1131 Harbor Bay Pkwy
Alameda, CA 94502

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank	1 tank	Disposed at Erickson, in Richmond, CA	6/20/96
	4 USTs	Unknown disposition	Feb 1979
Soil	26 tons	Disposed at Chem Waste, Kettleman City	3/98
	55 tons	Recycled at TPS Technologies, Richmond	2/11/98
Groundwater	575 gal.	Recycled at Alviso Independent Oil, Alviso	2/11/98
Rinsate	300 gal.	Recycled at Evergreen Oil, in Newark, CA	6/25/96

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before ¹	After ²	Before ³	After ⁷
TPH (Gas)	3,600	360	6,600	
TPH (Diesel)	1,300	400	ND	
Benzene	0.46	0.25	22	
Toluene	5.5	1.1	5	
Ethylbenzene	2.0	3.8	27	
Xylenes	8.3	470	18	
MTBE	ND		ND	
Oil & Grease	620	ND	20,000 ⁴	
Heavy metals				
	Pb	720	100	ND
	Cr	74	74	ND
Other VOCs		ND		
SVOCs	see Note 5	see Note 6		

NOTE 1 soil sample collected from waste oil tank pit at time of UST removal, 6/96.

2 soil sample from fuel tank pit (2/98), except O&G and TEX are from boring B1 @8'8", 10/96

3 grab groundwater sample from boring EX1, 2/98, xylenes from Boring B-2 and TPHd from other borings.

4 TEPH from boring B3, by waste oil pit, 10/96

5 up to 3.9 ppm naphthalene and 6.0 ppm 2-methyl-naphthalene were detected in soil from the waste oil pit, 6/96

6 a total of 2.79 ppm SVOCs was detected in soil from boring EX-1 at 7'bgs. See Table 9 for compounds detected.

7 no permanent wells installed at the site

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? _____

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? _____

Does corrective action protect public health for current land use? **YES**

Site management requirements: **A site safety plan must be prepared for construction workers in the event excavation/trenching is proposed in the vicinity of residual soil and groundwater contamination.**

Should corrective action be reviewed if land use changes? **YES**

Monitoring wells Decommissioned: **NA**
Number Decommissioned: **NA** Number Retained: **NA**
List enforcement actions taken: **None**
List enforcement actions rescinded: **NA**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: **Eva Chu** Title: **Haz Mat Specialist**
Signature:  Date: **11/17/99**

Reviewed by

Name: **Juliet Shin** Title: **Haz Mat Specialist**
Signature:  Date: **10/28/99**

Name: **Thomas Peacock** Title: **Supervisor**
Signature:  Date: **11-15-99**

VI. RWQCB NOTIFICATION

Date Submitted to RB: **11/19/99** RB Response:

RWQCB Staff Name: **Chuck Headlee** Title: **AEG**

Signature:  Date: **11/29/99**

VII. ADDITIONAL COMMENTS, DATA, ETC.

The site is a former Chevron service station that operated on the leased property from 1948 until 1978. Upon termination of the lease, the trustee of the property owner's estate requested that Chevron not remove any of the facilities or improvements on the site, including the building, canopy, dispenser and underground storage tanks (USTs). The fuel USTs were removed in February 1979, and the property was later leased to a pottery shop. The site is currently vacant. Sediment at the site consists primarily of sandy clay to the maximum explored depth of 20 feet below ground surface (bgs). Depth to groundwater has been measured from 6.6 ft bgs to 19.5 ft bgs.

When the four USTs (1-2K, 2-3K, and 1-6K gallon gasoline tanks) were reportedly removed, the excavation was backfilled with the excavated material and the balance with imported clean fill. Soil samples were not collected from the tank pit at this time. Subsequent subsurface investigations conducted in October 1996 (discussed below) addressed residual hydrocarbons in soil at the former tank pit and dispenser area.

In June 1996 a 300-gallon waste oil tank was removed. The UST had a four-inch diameter hole on the fill end. Initially two soil samples (WO-6'6" and WO-SSW-4') were collected from the waste oil tank pit. Sample WO-6'6" was collected approximately 2' below the former UST and Sample WO-SSW-4' was collected from the southern sidewall of the pit. Because the soil appeared obviously contaminated, the pit was overexcavated to 8' bgs. A soil sample (WO-8') was then collected. Up to 310 parts per million (ppm) total petroleum hydrocarbons as gasoline (TPHg), 1,300 ppm TPH as diesel, 620 ppm total extractable petroleum hydrocarbon (TEPH or TOG), 720 ppm lead, 74ppm chromium, and 0.46, 5.5, 2.0, and 8.3 ppm benzene, toluene, ethylbenzene, and xylenes, (BTEX), respectively, were identified in the soil samples collected from 4' to 6'bgs. Low levels of polynuclear aromatic hydrocarbons (SVOCs) (naphthalene (3.9 ppm) and 2-methyl-naphthalene (6.0 ppm)) were also identified in the soil sample collected from 6'6" bgs. The eight-foot depth sample contained much lower concentrations of the analytes sought. (See Figs 1, 2 and Tables 1, 2, and 3)

In October 1996 investigations were conducted to evaluate soil and groundwater conditions by the former gasoline tank. Two borings (B1/#5 and B2/#6) were drilled to depths of approximately 19' bgs around the former fuel USTs to collect soil and water samples. At this time, hand-augered borings were also advanced at the former pump islands to 2' bgs (PI-N/#9 and PI-S/#10), and in the former waste oil pit to 10' bgs (B3/#7 and WO@10'/#8). Soil samples from Borings B1, B2, and PI-S contained elevated levels of petroleum hydrocarbons. Boring locations and analytical results are summarized in Figs 3, 4, and Table 4.

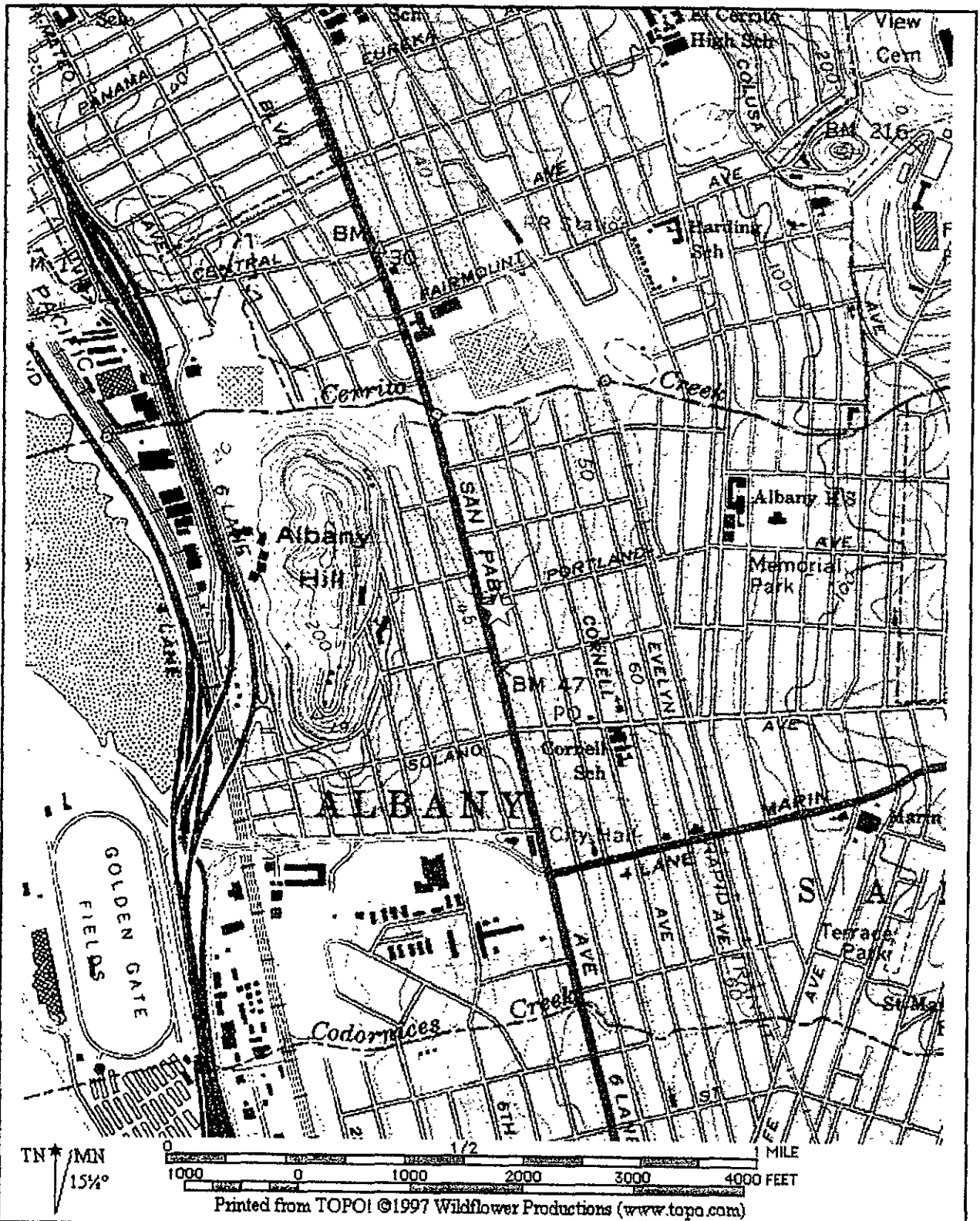
In May 1997 four borings (B7 through B10) were drilled to further evaluate the lateral and vertical extent of hydrocarbon-impacted soil and groundwater beneath the site. Boring B7 encountered backfill material, thus a soil sample was not collected. Three soil samples were collected from boring B8 for hydrocarbon analysis, and two soil samples were collected from B10 for soil porosity, moisture content, bulk density, and organic content analyses. A "grab" groundwater sample was collected from boring B8 for chemical analysis. And in January 1998, another boring B11 was drilled north of the former fuel tank pit, through native soil. Four soil samples and one "grab" groundwater sample was collected from this boring. Laboratory analytical results collected to date identified locations and limits of the vertical and lateral extent of hydrocarbon in soil and groundwater. (See Fig 5, Tables 5 and 6)

In February 1998 soil containing elevated hydrocarbons in the former waste oil tank pit (to 10'bgs) and around the former dispenser island (to 6'bgs) was excavated. Confirmatory soil samples EX2 through EX11 were collected from the excavation around the former dispenser island. Very low to non-detectable levels of petroleum hydrocarbons were identified in the confirmatory soil samples. No soil samples were collected from the waste oil tank excavation. Two soil samples (EX-1@3' and EX-1@7') from the backfill material of the former gasoline tank pit were collected and found to contain up to 360 ppm TPHg, 400 ppm TPHd, and 0.25, 0.53, 1.3, and 0.64 ppm BTEX, respectively. Low levels of SVOCs were also identified. Water was noted in excavation Boring EX1 and a sample was collected and found to contain 6,600 ppb TPHg, and 22, 5, 27, and 9 ppb BTEX, respectively. MTBE was not detected. (See Fig 6, 7, Tables 6, 7, 8, and 9)

In September 1999 Tier 1 Risk Based Corrective Action (RBCA) analysis was prepared for the site. Exposure pathways considered in the risk assessment included: dermal contact/ingestion/inhalation of surface soil by commercial and residential receptors, and construction workers; inhalation of outdoor air by both commercial and residential receptors; and, inhalation of indoor air by commercial receptors. The RBCA analysis indicated that contaminants detected in soil and groundwater beneath the site do not exceed risk-based screening levels for current or future onsite receptors. (See Table 10)

In summary, case closure is recommended because the site qualifies as a low-risk fuel site:

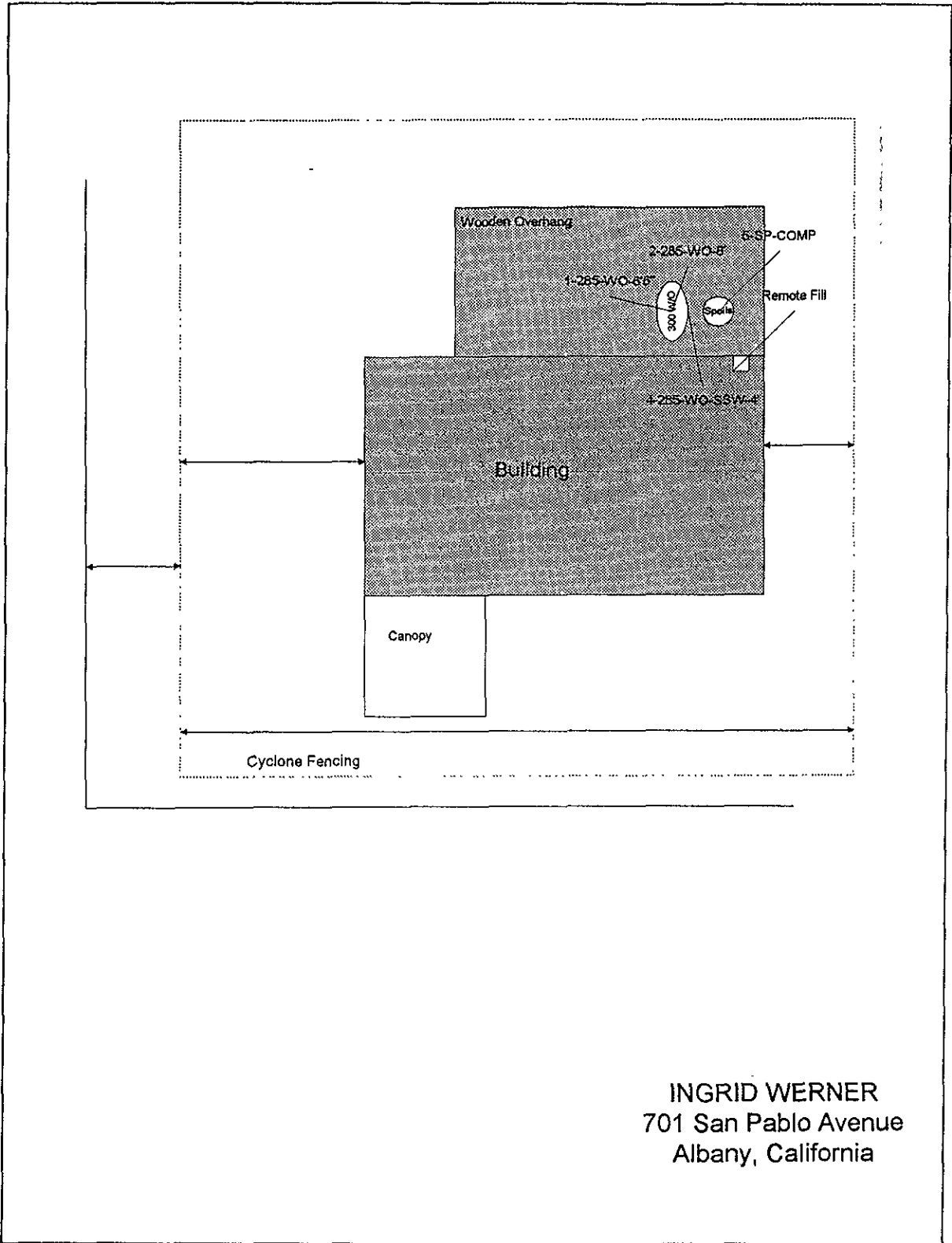
- the leak and ongoing sources have been removed;
USTs and associated piping were removed, lead-affected soil in the waste oil pit was removed, most of the hydrocarbon-impacted soil in the vicinity of the former dispenser island was removed. Although residual hydrocarbons remain in the backfill material of the former fuel tank pit, its impact to groundwater quality is not significant (a maximum of 22ppb benzene has been identified from "grab" groundwater samples collected from the fuel tank pit).
- the site has been adequately characterized;
- the dissolved plume is not migrating;
- no water wells, surface water, or other sensitive receptors are likely to be impacted;
Cordornices Creek, the nearest surface water in the assumed downgradient direction, is located approximately 0.7 miles to the south. Cerritos Creek is located approximately 0.3 miles north of the site, in the assumed upgradient direction.
- the site presents no significant risk to human health or the environment.



HK2, Inc./SEMCO
 70 Chemical Way
 Redwood City, California
 FN: 97-0247 F1
 Project: 97-0247.1

LEGEND
 ☆ = Site Location

Site Location Map
 701 San Pablo Avenue
 Albany, California
 Figure 1



INGRID WERNER
701 San Pablo Avenue
Albany, California

Site Layout and Sampling Locations

Table 1

WASTE OIL TANK SOIL SAMPLING SUMMARY
(mg/Kg)

No.	Sample	Depth	TPH-G	TPH-D	Benzene	Toulene	Ethylbenzene	Xylenes	TEPH
1	1-285-WO-6'6"	6'6"	310	1300	0.46	5.5	2	8.3	620
2	2-285-WO-8'	8'	6.2	15	0.036	0.14	0.088	0.314	NA
3	4-285-WO-SSW-4'	4'	ND	ND	ND	ND	ND	ND	ND
4	5-SP-COMP	0'	24	89	0.044	21	0.32	0.55	270
No.	Sample	Depth	Nickel	Zinc	Chromium	Cadmium	Lead		
1	1-285-WO-6'6"	6'6"	57	92	41	ND	720		
2	2-285-WO-8'	8'	75	59	74	ND	20		
3	4-285-WO-SSW-4'	4'	42	26	33	ND	14		
4	5-SP-COMP	0'	54	110	33	ND	77		

ND = Non Detect
NA = Not Analyzed

Table 3

NORTH STATE ENVIRONMENTAL
Attn: JOHN MURPHY

Project
Reported on June 26, 1996

EPA 821-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil. Factor	Moisture
21524-01	1-285-WO-6.6"	Soil	5.0	-
21524-02	1-285-WO-SSW-4'	Soil	1.0	-
21524-03	5 SP COMP	Soil	1.0	-

RESULTS OF ANALYSIS

Compound	21524-01		21524-02		21524-03	
	Conc. ug/Kg	RL	Conc. ug/Kg	RL	Conc. ug/Kg	RL
bis (2-chloroethyl) ether	ND	1500	ND	300	ND	300
aniline	ND	1500	ND	300	ND	300
phenol	ND	1500	ND	300	ND	300
2-chlorophenol	ND	1500	ND	300	ND	300
1,3-dichlorobenzene	ND	1500	ND	300	ND	300
1,4-dichlorobenzene	ND	1500	ND	300	ND	300
1,2-dichlorobenzene	ND	1500	ND	300	ND	300
benzyl alcohol	ND	1500	ND	300	ND	300
bis-(2-chloroisopropyl) ether	ND	1500	ND	300	ND	300
2-methylphenol	ND	1500	ND	300	ND	300
hexachloroethane	ND	1500	ND	300	ND	300
n-nitroso-di-n-propylamine	ND	1500	ND	300	ND	300
4-methylphenol	ND	1500	ND	300	ND	300
nitrobenzene	ND	1500	ND	300	ND	300
isophorone	ND	1500	ND	300	ND	300
2-nitrophenol	ND	1500	ND	300	ND	300
2,4-dimethylphenol	ND	1500	ND	300	ND	300
bis(2-chloroethoxy)methane	ND	1500	ND	300	ND	300
2,4-dichlorophenol	ND	1500	ND	300	ND	300
1,2,4-trichlorobenzene	ND	1500	ND	300	ND	300
naphthalene	3900	1500	ND	300	430	300
benzoic acid	ND	7500	ND	1500	ND	1500
4-chloroaniline	ND	1500	ND	300	ND	300
hexachlorobutadiene	ND	1500	ND	300	ND	300
4-chloro-3-methylphenol	ND	1500	ND	300	ND	300
2-methyl naphthalene	6000	1500	ND	300	640	300
hexachlorocyclopentadiene	ND	7500	ND	1500	ND	1500
2,4,6-trichlorophenol	ND	1500	ND	300	ND	300
2,4,5-trichlorophenol	ND	1500	ND	300	ND	300
2-chloronaphthalene	ND	1500	ND	300	ND	300
2-nitroaniline	ND	1500	ND	300	ND	300

cont. Table 3

NORTH STATE ENVIRONMENTAL
ACTN: JOHN MURPHYProject
Reported on June 26, 1996

EPA SW-046 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil Factor	Moisture
21524-01	1-285-WO-6.6"	Soil	5.0	-
21524-02	4-285-WO-88W-4'	Soil	1.0	-
21524-03	5-8P-COMP	Soil	1.0	-

RESULTS OF ANALYSIS

Compound	21524-01		21524-02		21524-03	
	Conc.	RL	Conc.	RL	Conc.	RL
	ug/Kg		ug/Kg		ug/Kg	
acenaphthylene	ND	1500	ND	300	ND	300
dimethylphthalate	ND	1500	ND	300	ND	300
2,6-dinitrotoluene	ND	1500	ND	300	ND	300
Acenaphthene	ND	1500	ND	300	ND	300
1-nitroaniline	ND	1500	ND	300	ND	300
2,4-dinitrophenol	ND	7500	ND	1500	ND	1500
dibenzofuran	ND	1500	ND	300	ND	300
2,4-dinitrotoluene	ND	1500	ND	300	ND	300
4-nitrophenol	ND	1500	ND	300	ND	300
fluorene	ND	1500	ND	300	ND	300
4-chlorophenyl-phenylether	ND	1500	ND	300	ND	300
diethylphthalate	ND	1500	ND	300	ND	300
4-nitroaniline	ND	7500	ND	1500	ND	1500
4,6 dinitro-2-methylphenol	ND	1500	ND	300	ND	300
n nitrosodiphenylamine	ND	1500	ND	300	ND	300
4-bromo-phenyl-phenylether	ND	1500	ND	300	ND	300
hexachlorobenzene	ND	1500	ND	300	ND	300
pentachlorophenol	ND	7500	ND	1500	ND	1500
phenanthrene	ND	1500	ND	300	ND	300
anthracene	ND	1500	ND	300	ND	300
di-n-butylphthalate	ND	1500	ND	300	300	300
fluoranthene	ND	1500	ND	300	ND	300
benzidine	ND	7500	ND	1500	ND	1500
pyrene	ND	1500	ND	300	ND	300
butylbenzylphthalate	ND	1500	ND	300	ND	300
3,3'-dichlorobenzidine	ND	1500	ND	300	ND	300
Benzo(a)Anthracene	ND	1500	ND	300	ND	300
chrysene	ND	1500	ND	300	ND	300
bis(2-ethylhexyl)phthalate	ND	1500	ND	300	ND	300
di-n-octylphthalate	ND	1500	ND	300	ND	300
benzo(b,k)fluoranthene	ND	1500	ND	300	ND	300

Cont. Table 3

NORTH STATE ENVIRONMENTAL
Attn: JOHN MURPHY

Project
Reported on June 26, 1996

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil. Factor	Moisture
21524-01	1-285-WO-6.6"	Soil	5.0	-
21524-02	4-285-WO-8SW-4'	Soil	1.0	-
21524-03	5-8P-COMP	Soil	1.0	-

RESULTS OF ANALYSIS

Compound	21524-01		21524-02		21524-03	
	Conc.	RL	Conc.	RL	Conc.	RL
	ug/Kg		ug/Kg		ug/Kg	
Benzo(a)Pyrene	ND	1500	ND	300	ND	300
Indeno(1,2,3)Pyrene	ND	1500	ND	300	ND	300
dibenz(a,h)anthracene	ND	1500	ND	300	ND	300
94-Carbazole	ND	1500	ND	300	ND	300
Benzo(g,h,i)Perylene	ND	1500	ND	300	ND	300
>> Surrogate Recoveries (%) <<						
2-fluorophenol	86		74		69	
phenol-d5	95		83		81	
nitrobenzene-d5	93		84		81	
2-fluorobiphenyl	96		80		80	
2,4,6-tribromophenol	86		79		89	
terphenyl-d14	109		107		89	

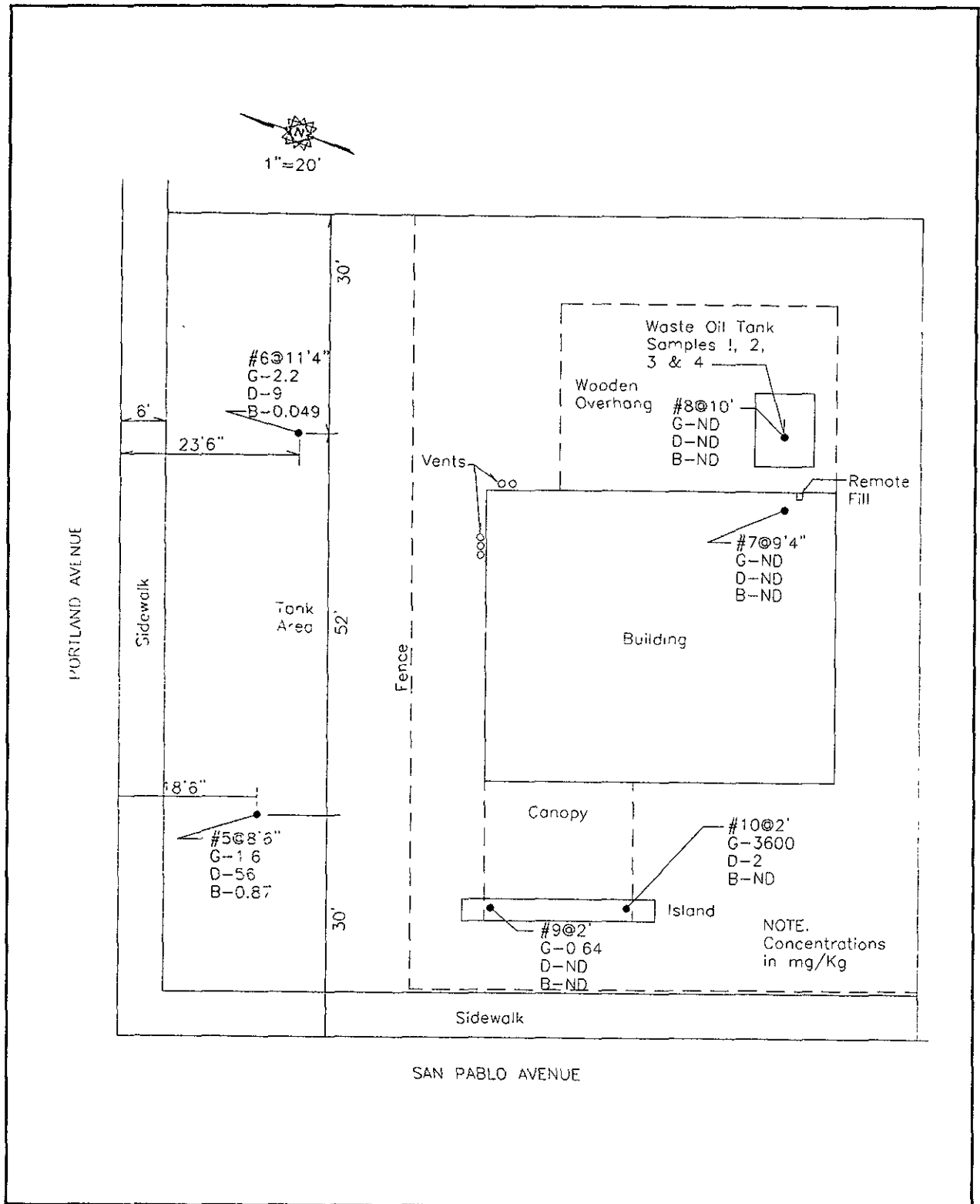


Figure 3. Soil Sampling Locations

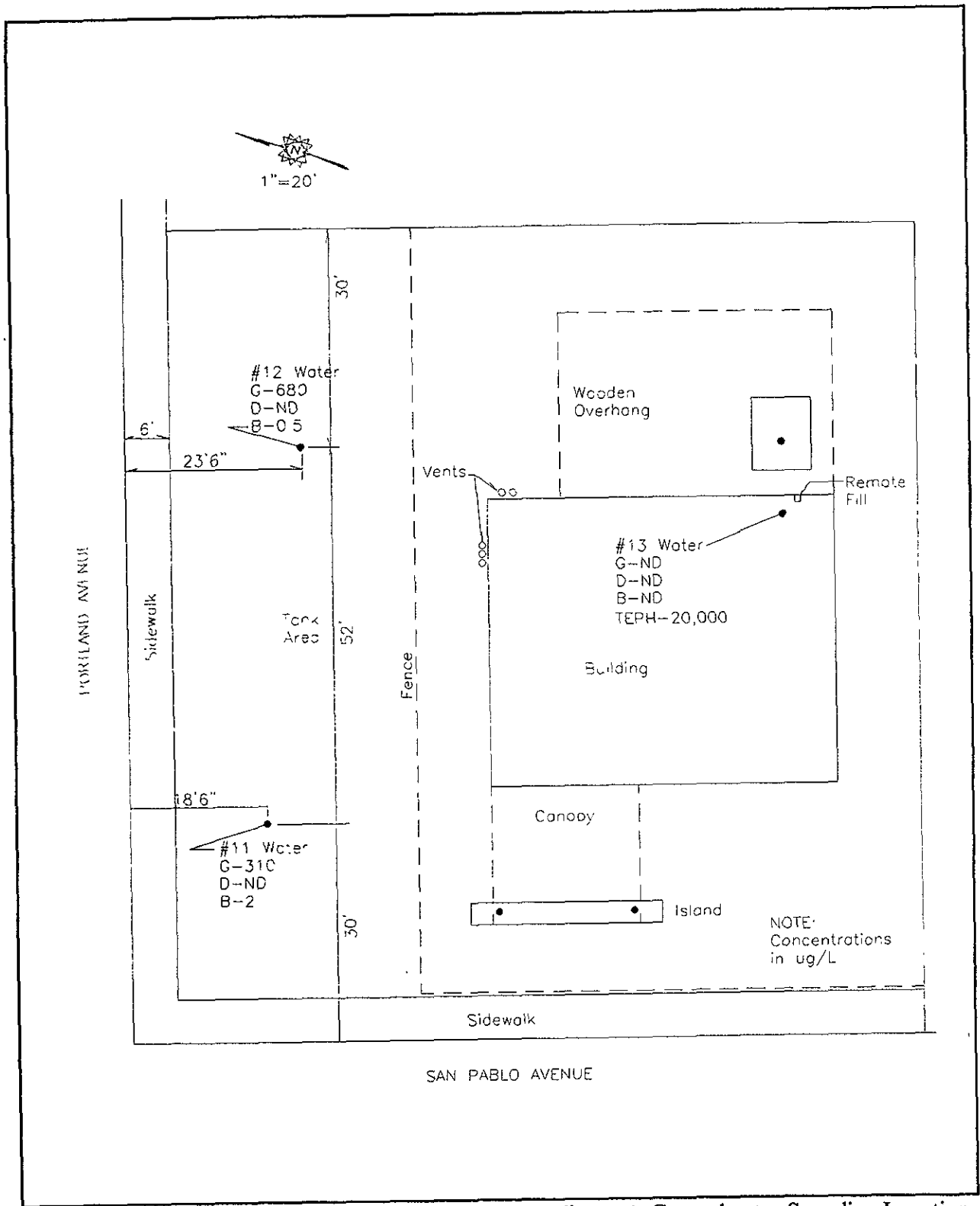


Figure 4. Groundwater Sampling Locations

Table 4

SOIL SAMPLING SUMMARY
(mg/Kg)

No.	Sample	Depth	TPH-G	TPH-D	Benzene	Toulene	Ethylbenzene	Xylenes	TEPH
5	B1-8'6"	8'6"	1.6	56	0.87	1.1	3.8	470	NA
6	B2-11'4"	11'4"	2.2	9	0.049	0.180	0.22	0.039	ND
7	B3-9'4"	9'4"	ND	ND	ND	ND	ND	20	ND
8	WO@10'	10'	ND	ND	ND	ND	ND	0.018	ND
9	PI-N@2'	2'	0.64	ND	ND	ND	ND	0.035	ND
10	PI-S@2'	2'	3600	2	ND	0.005	ND	0.045	ND
No.	Sample	Depth	Nickel	Zinc	Chromium	Cadmium	Lead	PNA's	TTLc Pb
5	B1-8'6"	8'6"	NA	NA	NA	NA	ND	NA	12
6	B2-11'4"	11'4"	NA	NA	NA	NA	NA <i>S. P. 2/2</i>	NA	8
7	B3-9'4"	9'4"	48	24	43	ND	ND <i>S. P. 2/2</i>	ND ✓	NA
8	WO@10'	10'	69	41	35	ND	10	ND ✓	NA
9	PI-N@2'	2'	NA	NA	NA	NA	18	NA	NA
10	PI-S@2'	2'	NA	NA	NA	NA	11	NA	NA

ND = Non Detect
NA = Not Analyzed

Cont. Table 4

WATER SAMPLING SUMMARY
(ug/L)

No.	Sample	Depth	TPH-G	TPH-D	Benzene	Toulene	Ethylbenzene	Xylenes	TEPH
11	B1-W	9'6"	310	ND	2	3	2	5	NA
12	B2-W	14'6"	680	ND	0.5	1	ND	18	NA
13	B3-W	10'9"	ND	ND	ND	ND	ND	ND	20,000
No.	Sample	Depth	Nickel	Zinc	Chromium	Cadmium	Lead	PNA's	
11	B1-W	9'6"	NA	NA	NA	NA	ND ✓	NA	
12	B2-W	14'6"	NA	NA	NA	NA	ND ✓	NA	
13	B3-W	10'9"	ND	ND	ND	ND	ND ✓	NA ✓	

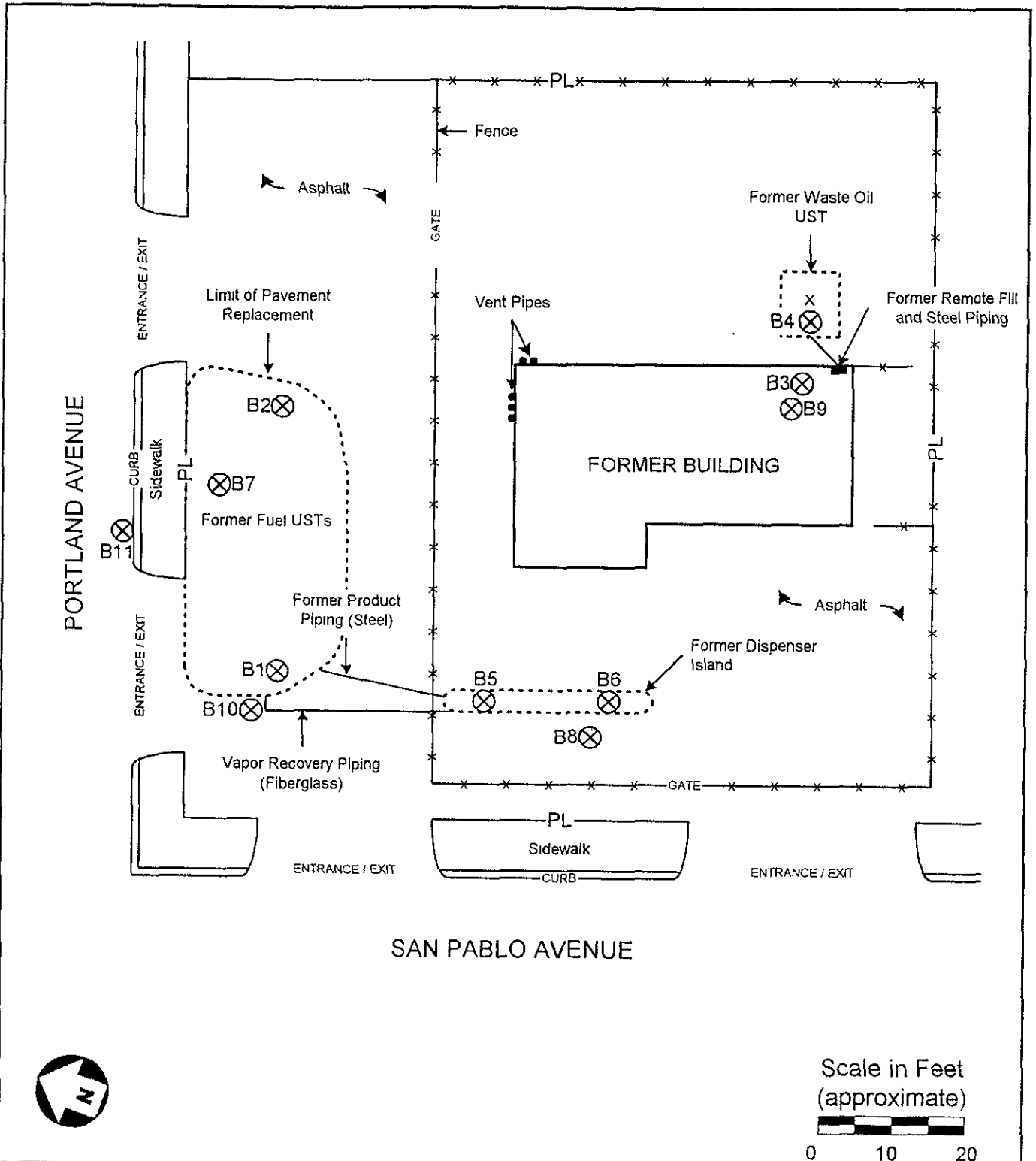
ND = Non Detect
NA = Not Analyzed

Handwritten notes:
 1. WET test was not
 performed since no samples
 were collected at this depth
 ND ✓
 NA ✓

Table 4
Laboratory Results of Groundwater Sample Metal Analyses
 Former Chevron Station
 701 San Pablo Avenue, Albany, California

Sample Location	Date	Cadmium (mg/L)	Chromium (mg/L)	Nickel (mg/L)	Zinc (mg/L)	Lead (mg/L)
B-1	10-9-96	--	--	--	--	ND
B-2	10-9-96	--	--	--	--	ND
B-3	10-24-96	ND	ND	ND	ND	ND
CRWQCB MSWQO		0.005	0.05	0.1	5	0.05
Laboratory Reporting Limit		0.01	0.015	0.01	0.02	0.01

LEGEND: mg/L = milligrams per liter; CRWQCB MSWQO = California Regional Water Quality Control Board municipal supply water quality objective; ND = concentration less than the laboratory reporting limit; -- = sample not analyzed for this constituent.



Note: Borings B1 and B2 penetrated native soil at less than 8 feet below grade (ie. the sidewalls of the excavation either slope toward the center of the excavation or the perimeter of resurfaced pavement is greater than the perimeter of the excavation).

<p>HK2, Inc./SEMCO 70 Chemical Way Redwood City, California</p> <p>Project 97-0247</p> <p>FN: 97-0247.F2 DWG: MWD 4/98</p>	<p style="text-align: center;">LEGEND</p> <p>⊗ = Boring x = Soil sample collected during tank removal</p>	<p style="text-align: center;">SITE PLAN</p> <p>Former Chevron Station 701 San Pablo Avenue Albany, California</p> <p style="text-align: center;">FIGURE 5</p>
--	--	--

Table 25
Laboratory Results of Soil Sample Hydrocarbon Analyses
Former Chevron Station
701 San Pablo Avenue, Albany, California

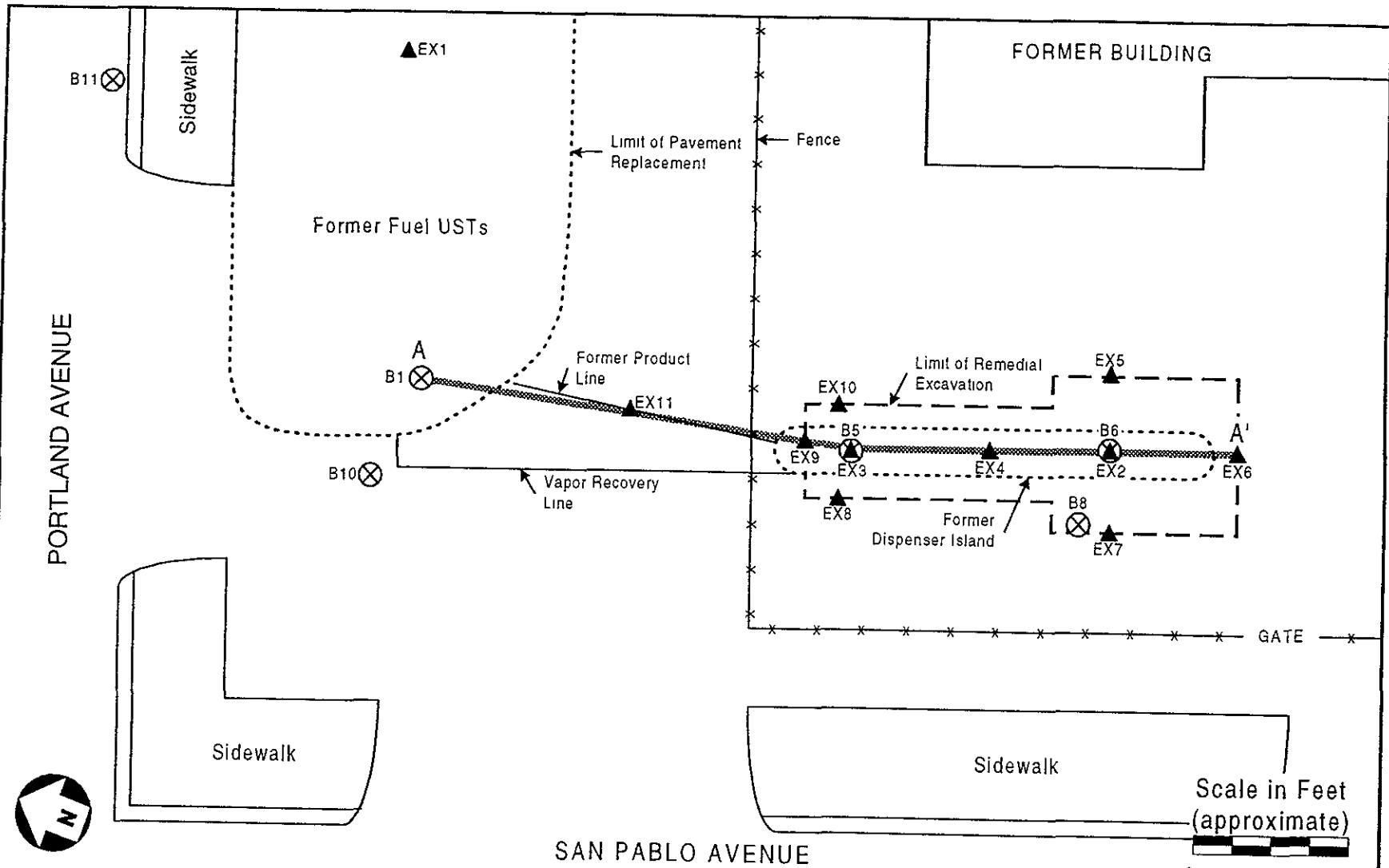
Sample Location	Depth (fbg)	TPH-G (mg/kg)	TPH-D (mg/kg)	TEPH/ [TPH-MO] (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	HVOCs (mg/kg)	SVOCs (mg/kg)
W.O. Tank	4	ND	ND	ND	ND	ND	ND	ND	--	ND (<0.5)	ND
	6.5	310	1,300	620	0.46	5.5	2	8.3	--	ND (≤0.25)	9.9
	8*	6.2	15	--	0.036	0.14	0.088	0.314	--	ND	1.25
B1	8.5	1.6	56	--	0.087	1.1	3.8	470	--	--	--
B2	11.3	2.2	9	ND	0.049	0.180	0.22	0.039	--	--	--
B3	9.3	ND	ND	ND	ND	ND	ND	20	--	--	ND
B4	10	ND	ND	ND	ND	ND	ND	0.018	--	--	ND
B5	2	0.64	ND	ND	ND	ND	ND	0.035	--	--	--
B6	2	3,600	2	ND	ND	0.005	ND	0.045	--	--	--
B8	5	4.5	--	--	ND	ND	0.010	0.043	ND	--	--
	10	0.5	--	--	ND	ND	ND	ND	ND	--	--
	17	ND	--	--	ND	ND	ND	ND	ND	--	--
B11	6.5	ND	--	--	ND	ND	ND	ND	ND	--	--
	8	9	--	--	0.018	0.047	0.016	0.10	ND	--	--
	10	15	8	[ND]	0.024	0.15	0.048	0.074	ND	--	--
	20	0.72	4	[16] #	ND	ND	ND	ND	ND	--	--
Laboratory Reporting Limit		0.5	1.0	50 / [10]	0.005	0.005	0.005	0.010	0.005	≤0.025	≤1.5

LEGEND: TPH-G, TPH-D, TPH-MO = total petroleum hydrocarbons as gasoline, diesel, and motor oil (EPA Method 8015M); TEPH = total extractible petroleum hydrocarbons; B, T, E, X = benzene, toluene, ethylbenzene, and total xylenes, MTBE = methyl tert-butyl ether (EPA Method 8020), HVOCs = halogenated volatile organic compounds (EPA Method 8010), SVOCs = semi-volatile organic compounds (EPA Method 8270); fbg = feet below grade; mg/kg = milligrams per kilogram; ND = concentration less than the laboratory reporting limit; () = laboratory reporting limit if different from value listed in last row of table; -- = sample not analyzed for this constituent, * = analyzed 30 to 35 days after sample collected; # = chromatogram does not match typical motor oil pattern.

Table 36
Laboratory Results of Groundwater Sample Hydrocarbon Analyses
 Former Chevron Station
 701 San Pablo Avenue, Albany, California

Sample Location	Date	TPH-G (ug/L)	TPH-D (ug/L)	TEPH/ [TPH-MO] (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	SVOCs (ug/L)	TDS (mg/L)
B-1	10-9-96	310	ND	--	2	3	2	5	--	--	--
B-2	10-9-96	680	ND	--	0.5	1	ND	18	--	--	--
B-3	10-24-96	ND	ND	20,000	ND	ND	ND	ND	--	ND	--
B-8	5-8-97	ND	--	--	ND	ND	ND	ND	ND	--	990
B-11	1-23-98	ND	--	--	2	3	3	9	ND	--	--
EX1	2-11-98	6,600	--	--	22	5	27	9	ND	--	--
CRWQCB MSWQO		none	none	none	1	150	700	1,750	none	varies	500
Lab Reporting Limit		50	50	5,000	0.5	0.5	0.5	1.0	0.5	≤500	1

LEGEND: TPH-G, TPH-D, TPH-MO = total petroleum hydrocarbons as gasoline, diesel, and motor oil (EPA Method 8015M); TEPH = total extractible petroleum hydrocarbons; B, T, E, X = benzene, toluene, ethylbenzene, and total xylenes, MTBE = methyl tert-butyl ether (EPA Method 8020), SVOCs = semi-volatile organic compounds (EPA Method 8270); TDS = total dissolved solids (EPA Method 160.1); ug/L = micrograms per liter; mg/L = milligrams per liter; CRWQCB MSWQO = California Regional Water Quality Control Board municipal supply water quality objective; ND = concentration less than the laboratory reporting limit; -- = sample not analyzed for this constituent.

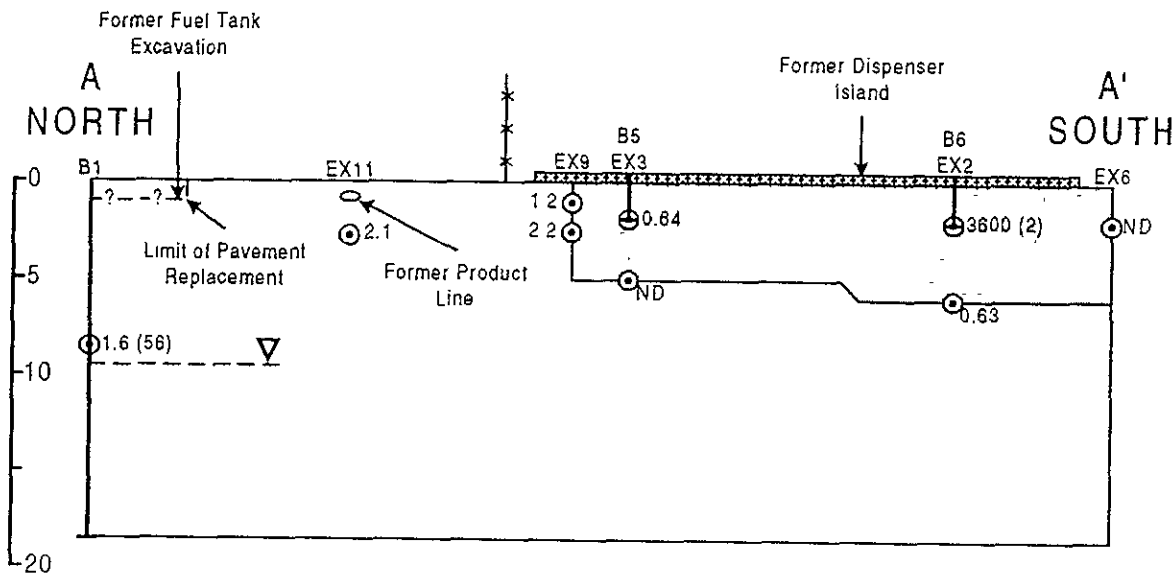


HK2, Inc./SEMCO
 70 Chemical Way
 Redwood City, California
 Project 97-0247
 FN: 97-0247.F3 DWG. MWD 4/98

LEGEND

⊗ = Boring
 ▲ = Excavation soil sample
 A-A' = Cross-Section Line

CONFIRMATION SAMPLE LOCATIONS
 Former Chevron Station
 701 San Pablo Avenue
 Albany, California
FIGURE 16



Horizontal and Vertical
Scale in Feet
(approximate)



0 5 10

HK2, Inc./SEMCO
70 Chemical Way
Redwood City, California

Project 97-0247

FN: 97-0247 F4

DWG: MWD 4/98

LEGEND

- = Boring
- = Soil sample showing TPH-G and (TPH-D) concentration in mg/kg
- = Depth to groundwater measured in October 1996
- = Sandy clay
- = Class II baserock (0 to 2 fbg) underlain by silty sand

CROSS SECTION A-A'
Former Chevron Station
701 San Pablo Avenue
Albany, California

FIGURE 07

Table 1 (continued)
Laboratory Results of Soil Sample Hydrocarbon Analyses
 Former Chevron Station
 701 San Pablo Avenue, Albany, California

Sample Location	Depth (fbg)	TPH-G (mg/kg)	TPH-D (mg/kg)	TEPH/ [TPH-MO] (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	HVOCs (mg/kg)	PAHs (mg/kg)
EX1	3	63	49	[ND]	0.25	0.16	1.3	0.22	ND	--	--
	7	360	400	[ND]	0.18	0.53	0.44	0.64	ND	--	2.79
EX2	6	0.63	--	--	ND	ND	ND	ND	ND	--	--
EX3	5	ND	--	--	ND	ND	ND	ND	ND	--	--
EX5	2	ND	--	--	ND	ND	ND	ND	ND	--	--
EX6	2	ND	--	--	ND	ND	ND	ND	ND	--	--
EX7	2	ND	--	--	ND	ND	ND	ND	ND	--	--
EX8	2	ND	--	--	ND	ND	ND	ND	ND	--	--
EX9	2	1.2	5	[51] #	ND	ND	ND	ND	ND	--	--
	5	2.2	--	--	0.014	0.016	ND	0.013	ND	--	--
EX10	2	ND	--	--	ND	ND	ND	ND	ND	--	--
EX11	3	2.1	--	--	0.021	0.007	ND	ND	ND	--	--
Laboratory Reporting Limit		0.5	1.0	50 / [10]	0.005	0.005	0.005	0.010	0.005	≤0.025	≤1.5

LEGEND: TPH-G, TPH-D, TPH-MO = total petroleum hydrocarbons as gasoline, diesel, and motor oil (EPA Method 8015M); TEPH = total extractible petroleum hydrocarbons; B, T, E, X = benzene, toluene, ethylbenzene, and total xylenes, MTBE = methyl tert-butyl ether (EPA Method 8020), HVOCs = halogenated volatile organic compounds (EPA Method 8010); PAHs = polycyclic aromatic hydrocarbons (EPA Method 8270); fbg = feet below grade; mg/kg = milligrams per kilogram; ND = concentration less than the laboratory reporting limit; () = laboratory reporting limit if different from value listed in last row of table; -- = sample not analyzed for this constituent; # = chromatogram does not match typical motor oil pattern.

Table 8
Laboratory Results of Soil Sample Metal Analyses
 Former Chevron Station
 701 San Pablo Avenue, Albany, California

Sample Location	Depth (feet)	Chromium (mg/kg)	Cadmium (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	Lead (mg/kg)	Soluble Lead WET/TCLP (mg/L)
W.O. Tank	4	33	ND	42	26	14	--
	6.5	41	ND	57	92	720	--
	8	74	ND	75	59	20	--
W.O Stockpile	1.5	--	--	--	--	--	10 / 1.1
B1	8.5	--	--	--	--	12	--
B2	11.3	--	--	--	--	8	--
B3	9.3	43	ND	48	24	8	--
B4	10	35	ND	69	41	10	--
B5	2	--	--	--	--	18	--
B6	2	--	--	--	--	11	--
EX1	7	--	--	--	--	100	--
EX9	2	--	--	--	--	6.6	--
Laboratory Reporting Limit		5.0	2.0	5.0	1.0	1.0	0.1 / 0.1

LEGEND: mg/kg = milligrams per kilogram; mg/L = milligrams per liter; ND = concentration less than the laboratory reporting limit; -- = sample not analyzed for this constituent.

Table 9



Polynuclear Aromatic Hydrocarbons by GC/MS

Client: North State Environmental	Analysis Method: EPA 8270B
	Prep Method: EPA 3550
Field ID: 98-158-02/EX1-7	Sampled: 02/11/98
Lab ID: 132501-001	Received: 02/27/98
Matrix: Soil	Extracted: 03/02/98
Batch#: 39334	Analyzed: 03/02/98
Units: ug/Kg	
Diln Fac: 1	

Analyte	Result	Reporting Limit
Naphthalene	230	50
Acenaphthylene	ND	50
Acenaphthene	120	50
Fluorene	120	50
Phenanthrene	210	50
Anthracene	ND	50
Fluoranthene	130	50
Pyrene	180	50
Benzo (a) anthracene	160	50
Chrysene	270	50
Benzo (b, k) fluoranthene	420	50
Benzo (a) pyrene	370	50
Indeno (1, 2, 3-cd) pyrene	230	50
Dibenz (a, h) anthracene	110	50
Benzo (g, h, i) perylene	240	50

Surrogate	%Recovery	Recovery Limits
Nitrobenzene-d5	85	32-117
2-Fluorobiphenyl	86	38-121
Terphenyl-d14	86	29-143

To facilitate our Tier 1 analysis, we utilized the GSI RBCA Spreadsheet Sheet System.² Table B contains the results of this comparison. Benzene is a known carcinogen among BTEX compounds, hence we have presented the Tier 1 results for benzene only in the following table. As shown below in Table B, our RBCA analysis indicates that petroleum hydrocarbon concentrations detected in soil and groundwater beneath the site do not exceed risk-based screening levels for current or future on-site receptors. Results of our Tier 1 analysis for all COCs compounds are presented in Attachment C.

Table B - Results of Tier 1 RBCA Analysis for Benzene

Exposure Pathway	Representative Benzene Concentration	Exposure Point	Receptor Scenario	Target Risk Level	Cal-EPA RBSL	Representative Conc. vs RBSL	
						Exceed	Below
Surface soil	0.012 mg/kg	Ingestion/ inhalation/ dermal contact	Residential	1x10 ⁻⁶	0.55		X
			Commercial	1x10 ⁻⁶	9.2		X
Volatilization from sub-surface soil	0.036 mg/kg	Outdoor Air	Residential	1x10 ⁻⁶	7.1		X
			Commercial	1x10 ⁻⁶	100		X
		Indoor Air	Commercial	1x10 ⁻⁶	0.23		X
Volatilization from groundwater	0.0048 mg/kg	Outdoor Air	Residential	1x10 ⁻⁶	3.1		X
			Commercial	1x10 ⁻⁶	53.4		X
		Indoor Air	Commercial	1x10 ⁻⁶	0.21		X

RBSL = Risk-based screening level.
All concentrations are in ppm, equivalent to milligrams per kilogram for soil and milligrams per liter for groundwater.

LOW RISK EVALUATION

Based on our review of the site background and conditions, Cambria believes that this site meets the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) 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. Each of the low-risk groundwater case characteristics, as they related to the site, are discussed below.

² RBCA Tier 1 and Tier 2 Spreadsheet System, ver. 1.01, Groundwater Services Inc. (GSI), 1997, 5252 Westchester, Suite 270, Houston, TX, 77005.

10/4/96 Arrive 8am

BORING NUMBER = **B1**

SHEET 1 OF 1

PROJECT WERNER

LOCATION 701 SAN PABLO

CONTRACT NUMBER #96-0143/0247

LOGGED BY MARK DHERT

COORDINATES

SURFACE ELEVATION

DATUM

SAMPLE INFORMATION						STRATA	DESCRIPTION	WELL CONSTRUCTION DETAIL	ELEVATION FEET
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery %	MNU (ppm)				
0'-6"	N/A			N/A	OP	ASPHALT	DRIVE	9'00	
① 6"-26"							DRIVE	9'15	
② 26"-46"							DRIVE	9'30	
③ 46"-66"				24"		CLAY (brown)	SAMPLE	9'45	
④ 66"-86"				20"		CLAY (brown)	SAMPLE	10'00	
⑤ 86"-106"				24"		(moist) sandy/clay (brown)	SAMPLE	10'15	
⑥ 106"-126"				24"		(dry) rocky/sandy/clay (brown)	SAMPLE	10'30	
⑦ 126"-146"				24"		Clay (brown)	SAMPLE	10'45	
⑧ 146"-166"				18"		Clay (brown)	SAMPLE	11'00	
⑨ 166"-186"				15"		Clay (brown)	SAMPLE	11'15	
⑩ 186"-196"							SAMPLE		

125' distance @ 18'6"

2.83" = TC
12.43" = GW
18'6" = DOC

10M
GW @ 9'00" @ 11:00am
DUC = 15.77'

12.43
- 2.83

9.60

10'4" @ 9'30"
GW @ ≈ 2' 3'00" LITER
DEPTH OF WELL = 17'3"

SUPPLIES:
2 BAGS ICE
2 GAL DISTILLED WATER

QUOTA TOTAL
34' HCL

DRILLING CONTRACTOR HK2, Inc.
DRILLING METHOD Push
DRILLING EQUIPMENT SIMCO E
DRILLING STARTED

REMARKS

See key sheet for symbols and abbreviations used above.

WIL 128 8/2/98

BORING NUMBER: **52**

SHEET 1 OF 1

PROJECT: **WETNER 701/196**

LOCATION: **701 San Pablo**

CONTRACT NUMBER: **#96-0143/0247**

LOGGED BY: **MARK DESERT**

COORDINATES
SURFACE ELEVATION DATUM

SAMPLE INFORMATION						STRATA	DESCRIPTION	WELL CONSTRUCTION DETAIL	ELEVATION
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery %	OVEN HNU (ppm)				
0'-4"	NA			NA	Opp	ASPHALT			
① 4'-2'4"							✓ DRIVE	1'3"	
② 2'4"-4'4"							✓ DRIVE	1'4"	
③ 4'4"-6'4"							✓ DRIVE	2'0"	
④ 6'4"-8'4"							✓ DRIVE	2'1"	
⑤ 8'4"-10'4"	10'4"-9'4"	9'4"-8'6"		22"		Clayey/sand	Green nodules/discolor	Sample	2'3"
⑥ 10'4"-12'4"	12'4"-11'4"	11'4"-10'10"		18"		Clayey/sand	note: some discolor (green) in 12'4"-11'4"	Sample	2'4"
⑦ 12'4"-14'4"							✓ DRIVE	3'0"	
⑧ 14'4"-16'4"							✓ DRIVE	3'1"	
⑨ 16'4"-18'4"							✓ DRIVE	3'3"	
⑩ 18'4"-20'4"							✓ DRIVE	3'4"	

Resistance @ 18'6"

10/9 @ 10:00am
 GWC = 14.49'
 DUC = 17.78'

1.67 TC
 16.16 TC
 19.45 TC

NOA TOTAL
 3 SUP PRES 0.15
 16.16
 1.67
 17.78

GWC ≈ DRY
 DEPTH OF WELL ≈ 18'6"

9'4" - 10'4" FIRST
 11'4" - 12'4" SECOND

WELL LOG SHEET
 DRILLING CONTRACTOR: **HK2, Inc.**
 DRILLING METHOD: **Push**
 DRILLING EQUIPMENT: **SIMCO Earthprobe**
 DRILLING STARTED: _____ ENDED: _____

REMARKS
 See key sheet for symbols and abbreviations used above.

BORING NUMBER **B3**
 PROJECT
 LOCATION **701 San Pablo Ave.**
 CONTRACT NUMBER **496-0247**
 LOGGED BY **Mark Dyser**

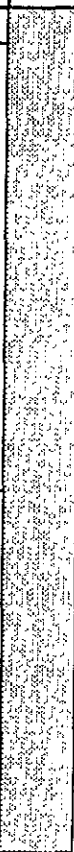

COORDINATES
 SURFACE ELEVATION
 DATUM **10/9**

SAMPLE INFORMATION						STRATA	DESCRIPTION	WELL CONSTRUCTION DETAIL	ELEVATION
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery %	HMu (ppm)				
0"-4"						Concrete	✓ DRIVE		
① 4'-24"							✓ DRIVE		
② 24"-44"							✓ DRIVE		
③ 44"-64"							✓ DRIVE		
④ 64"-84"							✓ DRIVE		
⑤ 84"-104"	104"-9'9"	9'9"-8'4"				Clay green discoloration no odor	✓ SAMPLE	1.0	
⑥ 104"-124"	124"-11'4"	11'4"-10'4"				Clay green discoloration into 11'4" zone no odor	✓ SAMPLE	1.2	
⑦ 124"-144"							✓ DRIVE		
⑧ 144"-164"							✓ DRIVE		
⑨ 164"-184"									
⑩ 184"-204"									
= TC = TC-GW = TC-BC						DEPTH OF WELL = GW			

DRILLING CONTRACTOR **HK2, Inc.**
 DRILLING METHOD **Push**
 DRILLING EQUIPMENT **SIMCO Earthprobe**
 DRILLING STARTED _____ ENDED _____

REMARKS
 See key sheet for symbols and abbreviations used above.

WELL LOG NUMBER

Depth (Feet)	Recovery/ Sample ID	Organic Vapor (ppm)	TPH-G (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1					Concrete and Class II Baserock	 Portland Type I-II Cement
5	B8-5		4.5	CL	Damp, moderate yellowish brown (10YR 5/4) and light olive gray (5Y 5/2) sandy CLAY	
10	B8-10		0.5	CL	Damp, moderate yellowish brown (10YR 5/4) and light olive gray (5Y 5/2) sandy CLAY	
15					Moist, grayish olive (10Y 4/2), silty, very sandy CLAY	
17.5	B8-17		ND	CL	Damp to moist, moderate yellowish brown (10YR 5/4) sandy CLAY	
20						 2 inches
25						
BORING NUMBER: LOCATION: PROJECT NO: DRILLING CONTRACTOR: DRILLING METHOD: DRILLING DATE: LOGGED BY:		B8 Former Chevron Station 701 San Pablo Ave. Albany, CA 97-0247 HK2, Inc./SEMCO Percussion 5-6-97 K. Craig		REMARKS: Boring terminated at 17.5 feet below grade TPH-G = total petroleum hydrocarbons as gasoline ppm = parts per million ND = TPH-G concentration below laboratory reporting limit		

Depth (Feet)	Recovery/ Sample ID	Organic Vapor (ppm)	TPH-G (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1					Concrete and Class II Baserock	Portland Type I-II Cement
				CL	Damp, moderate brown (5YR 4/4) sandy CLAY	
5					No soil samples were collected because samples collected from boring B3 previously characterized this area.	
10						
15						
20						2 Inches
25						
BORING NUMBER: LOCATION: PROJECT NO: DRILLING CONTRACTOR: DRILLING METHOD: DRILLING DATE: LOGGED BY:		B9 Former Chevron Station 701 San Pablo Ave. Albany, CA 97-0247 HK2, Inc./SEMCO Percussion 5-6-97 K. Craig		REMARKS: Boring terminated at 20 feet below grade TPH-G = total petroleum hydrocarbons as gasoline ppm = parts per million		

Depth (Feet)	Recovery/ Sample ID	Organic Vapor (ppm)	TPH-G (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1	B10-4.5				Asphalt and Class II Baserock	Portland Type I-II Cement
5				CL	Damp, moderate brown (5YR 4/4) sandy CLAY	
10	B10-10			CL	Damp, light olive gray (5Y 5/2) sandy CLAY	
15						2 Inches
20						
25						
BORING NUMBER: B10 LOCATION: Former Chevron Station 701 San Pablo Ave. Albany, CA 97-0247 PROJECT NO: DRILLING CONTRACTOR: HK2, Inc /SEMCO DRILLING METHOD: Percussion DRILLING DATE: 5-6-97 LOGGED BY: K. Craig				REMARKS: Boring terminated at 10 feet below grade TPH-G = total petroleum hydrocarbons as gasoline ppm = parts per million		

Depth (Feet)	Recovery/ Sample ID	Organic Vapor (ppm)	TPH-G (ppm)	USCS Soil Type	Description	Boring Backfill Detail
1					Asphalt and Class II Baserock	Asphalt
				SM	Damp, dark yellowish orange (10YR 6/6) silty, gravelly, fine-to medium-grained SAND	Portland Type I-II Cement
5	B11-6.5	40	ND		Damp, grayish olive (10Y 4/2) sandy CLAY	
	B11-8	170	9	CL	Damp to moist, grayish olive (10Y 4/2), silty, very sandy CLAY	
10	B11-10	280	15		Damp, medium gray (N5) and light olive gray (5Y 5/2) sandy CLAY	
		0			Damp to moist, moderate brown (5YR 4/4), very sandy CLAY	
	NR					
15				CL	Damp, light brown (5YR 5/6) and light olive gray (5Y 6/1) CLAY with fine-grained sand	
		0			Damp, dark yellowish orange (10YR 6/6) and yellowish gray (5Y 7/2), sandy CLAY	
20	B11-20	0	0.72		Soil becomes moist	
25						2 inches

BORING NUMBER:

LOCATION:

PROJECT NO:

DRILLING CONTRACTOR:

DRILLING METHOD:

DRILLING DATE:

LOGGED BY:

B11

Former Chevron Station

701 San Pablo Ave.

Albany, CA

97-0247

HK2, Inc./SEMCO

Percussion

1-23-98

D. Milano

REMARKS:

Boring terminated at 21 feet below grade (fbg)

Depth to water was approximately 19.5 fbg

TPH-G = total petroleum hydrocarbons as gasoline

ppm = parts per million

ND = TPH-G concentration below laboratory reporting limit

NR = no recovery