9/1/98

PHASE II SUBSURFACE INVESTIGATION REPORT

Commercial Property
2853-2863 Mandela Parkway
Oakland, California

CERES Associates

5040 Commercial Circle, Suite F
Concord, California 94520
(925) 825-4466 / Fax (925) 825-4441

CERES Project CA268-2
September 1, 1998

11/4

Larry

I got these from Leroy Griffin (OFD) on Monday. He and the payor on these documents did not know this was already an LOP case.

Reason? Our database still calls Mandela Parkway "Cypress St."

I discovered today it is your case (previously Brian's).

This is a high priority case, as it is reported that free product is present, and (as is often the case) a property transfer is what triggered the flurry of work at the site.

Also, OFD apparently "approved" the attached work plan (as no one knew it was a LOP case!)
Also, new RPs may need to be named.
Scott

Prepared for:

Page Street Properties
Three Embarcadero Center, #1150
San Francisco, California 94111

PHASE II SUBSURFACE INVESTIGATION REPORT

Commercial Property
2853-2863 Mandela Parkway
Oakland, California

CERES Project Number: CA268-2

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1.0 INTRODUCTION

On August 3 and 4, 1998, CERES Associates conducted soil, soil vapor and groundwater sampling at the commercial property located at 2853-2863 Mandela Parkway in Oakland, California (Property)(see Figure 1).

1.1 PROPERTY AND SURROUNDING AREA DESCRIPTION

The Property is approximately 4 acres in size and is developed with one 142,000 square-foot office and warehouse building. The remainder of the Property is paved with asphalt. The Property building is currently occupied by several tenants which utilize their respective spaces for general office and warehouse use, as well as light manufacturing. The Property has been developed and used for industrial purposes since at least 1942 when International Harvester occupied the site. The Property has been used for truck storage, cleaning, painting and repair until as late as 1951.

The Property is located in an industrial portion of Oakland near the Oakland Army Terminal. Many of the surrounding sites are used as manufacturing and automotive repair facilities, as well as for general warehouse storage use. Many of these sites are listed on various environmental databases for having leaking USTs, hazardous materials spills and other environmental violations.

1.2 BACKGROUND

In April 1998, CERES conducted an environmental site assessment transaction screen (ESATS) for the Property in conjunction with a proposed sale of the Property. Findings of the ESATS revealed that the Property had several potential environmental concerns which needed to be addressed before the Property transaction could proceed. Concerns noted during the ESATs included: 1) the potential that soil and groundwater beneath the Property has been affected by chlorinated solvents which are known to have been used and/or stored at the Property; 2) soil and groundwater contamination resulting from leaking gasoline and waste oil USTs which were removed from the Property in 1991; and 3) the potential that offsite sources have adversely affected soil and groundwater quality conditions beneath the Property.

During the ESATs investigation two reports, dated August 13, 1991 and July 16, 1992, generated by Harding Lawson Associates and ATEC, respectively, were reviewed in conjunction with the removal of two USTs from beneath the Property. The USTs were reported to be one 350 gallon UST containing gasoline and one 200-gallon UST containing waste oil. Additional historical information regarding the USTs was not available. Soil, grab groundwater samples and soil vapor samples collected during the investigations indicate that significant total petroleum hydrocarbon compounds in the gasoline range (TPH-g), as well as benzene, toluene, ethylbenzene and xylenes (BTEX

compounds) were present in soil and groundwater surrounding the former USTs which were situated along the south corner of the Property building (see Figure 2).

Analytical laboratory results of soil samples collected by Harding Lawson Associates and ATEC indicated that TPH-g and benzene concentrations in soil were as high as 2,800 milligrams per kilogram (mg/kg) and 34 mg/kg, respectively. Grab groundwater samples collected from the ramp excavation near the south tip of the Property building indicated that shallow groundwater (about 3 feet bgs) contained TPH-g and benzene concentrations of 58 milligrams per liter (mg/l) and 0.29 mg/l, respectively.

Based on the results of the Harding Lawson Associates and ATEC reports, as well as additional historical site information obtained during the ESATs investigation, additional subsurface investigation was recommended to further characterize the unauthorized UST release along the south portion of the Property as well as assess the potential that previous hazardous materials usage both on and offsite have not adversely affected subsurface soil and groundwater beneath other portions of the Property.

1.3 SCOPE OF WORK

The following scope of work was developed by Ms. Jodi Vanneman of KTR Environmental, the environmental consultant for the proposed lender, to address the environmental concerns noted in Section 1.2:

- Install 20 soil vapor sample points throughout the Property for the purpose of screening subsurface soils for volatile organic compounds (VOCs); and

- Install 7 direct-push soil borings. Five were to be installed around the former UST(s) excavation for the purpose of further characterizing the vertical and lateral extent of contamination associated with the unauthorized UST release, and 2 other borings were installed along the west and north sides of the Property to assess whether subsurface soil and groundwater have been affected by offsite sources.

2.0 SITE ASSESSMENT ACTIVITIES

Mobilization for field investigation activities included: notification of Underground Services Alert (USA) regarding field operations at the Property; soil boring permit acquisition from the Alameda County Public Works Agency; contracting with a private utility locating service and conducting an underground utility clearance in the area of the proposed soil vapor sample points and soil borings; preparation of a site specific health and safety plan; and scheduling the field activities with the appropriate subcontractors, Property tenants and concerned parties. A copy of the drilling permit is provided in Appendix A.

2.1 SOIL AND GRAB GROUNDWATER SAMPLING

On August 3, 1998, CERES installed a total of seven soil borings at the Property. Five of the soil borings were installed in the vicinity of the former leaking UST(s) and two additional soil borings were placed along the west and north perimeter of the Property (see Figure 2).

2.1.2 Sample Methodology

Soil and groundwater samples were collected using Geoprobe sampling equipment provided by Vironex, Inc. The Geoprobe sampler utilizes direct push technology to collect soil and groundwater samples from specific subsurface depths without generating excess soil cuttings. The Geoprobe sampling system consists of a series of 1-inch diameter hollow stainless steel rods which are hydraulically driven into the ground using a jack hammer attached to the Geoprobe assembly. Soil samples are collected by driving a 2-foot long stainless steel sample sleeve attached to the end of the steel rods into soil at a specified sample depth. Soil samples are collected in an acetate sample tube installed inside the steel sample sleeve. After the rod assembly has been hydraulically extended to the target sample depth, the sample sleeve is retrieved to ground surface and the acetate sample tube containing soil from the appropriate sample interval is capped with Teflon-lined plastic end caps, and delivered under chain-of-custody protocol to an onsite laboratory. Excess soil from each sample interval was used for lithologic description and field screening purposes.

Excess soil from each sample interval was field screened for the presence of VOCs using a Mini Rae photoionization detector (PID). Field screening was conducted by placing soil in a plastic ziploc bag and monitoring the atmosphere inside the bag with the PID. The PID readings were digitally displayed in parts per million (ppm) and recorded on the soil boring log provided in Appendix B.

Grab groundwater samples were collected from each soil boring by extending each borehole (except SB-3, which was installed to 10 feet bgs) down to approximately 15 feet bgs, then removing the Geoprobe drive rods from the ground and placing a temporary ¾-inch diameter PVC well casing into

the open borehole. The well casings were screened from 5 to 15 feet bgs with 0.010 slotted well screen, and allowed to remain in place overnight while groundwater accumulated in each soil boring. Grab groundwater samples were collected the next day using a stainless steel bailer and the groundwater samples were immediately delivered under chain-of-custody protocol to an onsite mobil laboratory. The bailer was cleaned between each sample location with a non-phosphate detergent and deionized water rinse to prevent cross contamination between sample points.

After soil and groundwater samples had been collected the boreholes were backfilled with hydrated bentonite and capped with asphalt patch or concrete depending on ground surface conditions in each sample area.

2.1.3 Soil Boring Sample Locations and Sample Depths

Soil borings SB-1 through SB-5 were installed in numerical order around the former UST(s) excavation. The placement of soil borings SB-1, SB-2, SB-4 and SB-5 were determined prior to initiating the field investigation and SB-3 was installed as a step-out boring after obvious soil and groundwater contamination was found at SB-2.

Based on the field conditions observed during the installation of SB-1, soil sample intervals were selected from 4 to 6 feet bgs and 9 to 11 feet bgs in soil borings SB-1, SB-2, SB-3 and SB-5, and one additional soil sample interval was sampled between 14 and 16 feet bgs at SB-4 to confirm that significant soil contamination was not present below the 9 to 11-foot sample depth.

Soil samples were collected from SB-6 and SB-7 between 4 and 6 feet bgs only. Soil samples were not retrieved from depths below 6 feet bgs in these two soil borings since they were installed to identify contaminants in groundwater originating from potential offsite sources. The soil samples collected from approximately 5 feet bgs from these two sample locations were collected to assess whether potential contaminants in groundwater originated from an offsite source via migration through groundwater, or from overlying soils beneath the Property.

2.1.4 Soil and Groundwater Sample Analysis and Results

Upon sample collection, the soil and grab groundwater samples collected from SB-1 through SB-7 were immediately submitted to an onsite State of California-certified mobil laboratory provided by Mobil Chem Labs, Inc. Soil samples collected from 5, 10 or 11, and 15 feet bgs from each soil boring were analyzed for TPH-g using United States Environmental Protection Agency (U.S. EPA) Method 8015 modified, BTEX and methyl tertiary butyl ether (MTBE) using U.S. EPA Method 8020, and halogenated volatile organic compounds (HVOCs) using U.S. EPA Method 8010.

Grab groundwater samples submitted from SB-1 through SB-5 were analyzed for TPH-g using U.S.

EPA Method 8015 modified, BTEX and MTBE using U.S. EPA Method 602, and HVOCs using U.S. EPA Method 601. The grab groundwater samples collected from SB-6 were analyzed for HVOCs, BTEX compounds and MTBE using U.S. EPA Methods 601/602.

Target analytes were not reported in soil samples collected from SB-1, SB-6 or SB-7, and HVOCs and MTBE were not detected in any of the soil samples analyzed during this investigation. However, BTEX compounds were reported in soil samples collected from SB-2 through SB-5 at concentrations ranging from 1.1 mg/kg to 15 mg/kg, and TPH-g was reported at concentrations ranging from 2.7 mg/kg to 130 mg/kg in the same four soil borings.

HVOCs and MTBE were not reported above their respective laboratory method detection limit concentrations in grab groundwater samples collected from SB-1 through SB-7. However, high TPH-g and BTEX concentrations were reported in shallow depth grab groundwater samples collected from SB-2, SB-4 and SB-5, and free floating product was observed at SB-3. TPH-g concentrations in groundwater samples collected from the soil borings installed around the former UST excavation (i.e., SB-2 through SB-5) ranged from 63,000 micrograms per liter (μg/l) at SB-4 to 160,000 μg/l at SB-2. Benzene concentrations in these same groundwater samples were reported at concentrations ranging from 11,000 μg/l at SB-5 to 44,000 μg/l at SB-2; and toluene, ethylbenzene and xylenes were reported at high concentrations as well.

Grab groundwater samples collected from SB-6 and SB-7 were reported to contain BTEX compounds ranging from 1.1 μg/l benzene to 16 μg/l xylene compounds, both of which were reported in the SB-6 groundwater sample.

Analytical laboratory results of soil and grab groundwater samples collected from SB-1 through SB-7 are tabulated in Tables 1 and 2, and plotted on Figures 3 and 4. Copies of the analytical laboratory data sheets are provided in Appendix C.

2.2 SOIL VAPOR SAMPLING

On August 4, 1998, CERES installed a total of twenty soil vapor sample points at the Property (see Figure 3). The sample points were placed randomly throughout the Property to screen for the presence of HVOCs in subsurface soils as requested by KTR, the proposed lender's consultant.

2.2.1 Soil Vapor Sample Methodology

Soil vapor samples were collected using the same Geoprobe sampling equipment used to collect soil and groundwater samples from SB-1 through SB-7. Soil vapor samples were collected by driving a sample point equipped with a dedicated sample tip into the ground to a predetermined sample depth. Once the sample depth was reached, the Geoprobe drive-rods were retracted approximately

3-inches towards ground surface thereby leaving the dedicated sample tip in place and the sample probe exposed to native soils at desired sample depth. After the sample probe was set in-place, ¼-inch diameter disposable polyethylene tubing was attached to the sample probe through the center of the drive rods and several volumes of air inside the sample probe and tubing was evacuated with a hand pump. After several volumes of air had been removed from the inside of the sample probe and tubing a Tedlar sample bag was attached to the hand pump and a soil vapor sample was collected for laboratory analysis. Upon sample collection from each soil vapor sample point, the Tedlar bag was delivered under chain-of-custody protocol to an onsite mobil laboratory for analysis.

2.2.3 Sample Locations and Sample Depths

Soil vapor sample points SV-1 through SV-20 were installed in numerical order throughout the Property. The sample locations were selected by KTR based on historical site use information as well as the physical layout of the Property. Sample depths ranged between 1 and 3 feet bgs, with the majority of samples being collected at 1.5 feet bgs. The samples were originally scheduled to be collected from approximately 6 feet bgs, however very moist soil conditions below 1.5 feet bgs prevented soil vapor sample collection below this depth.

2.2.4 Soil Vapor Sample Analysis and Sample Results

Upon sample collection, the soil vapor samples collected from SV-1 through SB-20 were immediately submitted to an onsite mobil laboratory provided by Mobil Chem Labs, Inc. The soil vapor samples were analyzed for HVOCs, BTEX compounds and MTBE using U.S. EPA Method 8010/8020.

HVOCs and MTBE were not reported above their respective laboratory method detection limit concentrations in soil vapor samples submitted from SV-1 through SV-20. However, BTEX compounds were reported in soil vapor samples collected from SV-6 through SV-13 at concentrations ranging from 1.1 micrograms per liter (μg/l) to 190 μg/l, with benzene being reported as high as 190 μg/l in the SV-6 1.5-foot vapor sample. Analytical laboratory results for BTEX compounds and MTBE are presented in Table 3, and benzene soil vapor concentrations are plotted on Figure 5. Copies of the analytical laboratory data sheets are presented in Appendix C.

3.0 SUBSURFACE SOIL AND GROUNDWATER CONDITIONS

Soil sample intervals collected during this investigation from SB-1 through SB-7 suggest that soil between 2 and 16 feet bgs consists of soft silty clay. Clays observed between 4 and 6 feet bgs varied in organic content and were generally sticky. Soil samples collected between 4 and 6 feet bgs from SB-1 through SB-5 exhibited a slight to strong petroleum odor, and soils located at the same depth along the west and north sides of the Property (SB-6 and SB-7) did not have a noticeable odor.

Soils encountered between 9 and 11 feet bgs were generally the same as the overlying soils between 4 and 6 feet bgs, however, they varied in color, they did not have interbedded organic matter and in most instances discernable petroleum odors were not noticeable in the deeper soils. The one soil sample collected between 14 and 16 feet bgs from SB-4 also consisted of silty clay, however, a noticable increase in stiffness was observed in soil below 15 feet bgs.

Groundwater was encountered in SB-1 through SB-7 at varying depths. Very moist soils were encountered in soils as shallow as 1.5 feet bgs, however it is difficult to label this moisture as groundwater. It appears that shallow groundwater beneath the Property is discontinuous and is likely traveling through relatively porous organic zones which are interbedded within the soft silty clay underlying the Property area. It took well over one day for the water levels to stabilize in each of the soil borings before a groundwater sample could be collected.

Groundwater stabilized between 4 and 8 feet bgs across the Property, with the gradient trending towards the west.

A complete description of the subsurface conditions encountered during this investigation are presented in the soil boring logs provided in Appendix B.

3.1 GROUNDWATER FLOW DIRECTION

The general groundwater flow direction beneath the Property is towards the west-northwest (see Figure 6). The groundwater flow direction was calculated by installing temporary PVC well casings in soil borings SB-1, SB-6 and SB-7, allowing groundwater to stabilize for more than 24 hours, surveying the top of casings elevations relative to each other using a level and tripod and then measuring the depth to groundwater from the top of each well casing to obtain a groundwater elevation at each boring location.

The temporary well casings were surveyed relative to SB-1, which was assigned an arbitrary elevation of 20.00 feet above mean sea level. The resultant well casing elevations for SB-1, SB-6 and SB-7, as well as the measured depth to groundwater in each boring are shown in the table on the following page. The well casing elevations shown in the table were double checked for accuracy.

Temporary Well Casing Elevations

Soil Boring Location	*Top of Casing Elevation	Depth to Groundwater	Water Table Elevation
SB-1	20.00	4.10	15.90
SB-6	17.92	8.16	9.76
SB-7	17.92	6.34	11.58

* SB-6 and SB-7 were surveyed relative to SB-1 which was assigned an arbitrary elevation of 20.00 feet above mean sea level.

The resultant groundwater flow direction, as shown in Figure 6, is towards the west-northwest at an approximate gradient 0.021 ft/ft.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Soil, soil vapor and grab groundwater sample results collected during this investigation indicate that subsurface soil and groundwater beneath the Property has not been affected by HVOCs or MTBE. However, a significant soil and groundwater contamination issue is present in the area surrounding the former USTs once situated beneath the south portion of the Property, and minor BTEX concentrations were present in soil and groundwater along the west and north perimeters of the Property.

Free product was observed on the groundwater surface at SB-3, and TPH-g and BTEX concentrations in soil and groundwater in soil borings positioned around the former UST excavation revealed high contaminant concentrations, especially in shallow groundwater. The vertical extent of contamination in the vicinity of the former USTs appears to have been limited by relatively impermeable clays which underlie this portion of the Property. The soil sample collected from SB-4 at approximately 15 feet bgs indicated that significant contaminant concentrations are not present at this depth, and the increased stiffness of clays encountered at approximately 15 feet bgs in SB-4 should hinder further vertical migration.

It is not clear at this time whether the free product observed on the groundwater surface at SB-3 originated from the known USTs which were formerly located beneath the Property, or whether an offsite source or unknown UST still buried beneath the Property may have contributed to the contamination in this area. It seems plausible that one 350-gallon gasoline UST, which has been out of service for at least 20 years, is solely responsible for the subsurface contamination identified during this investigation. Free product was not observed in the UST excavation when the 200-gallon waste oil and 350-gallon gasoline USTs were removed in 1991 (or at least it was not mentioned in the 1991 UST removal report), and the heaviest subsurface contamination was found in soil and groundwater in the upgradient groundwater flow direction relative to the former USTs.

The TPH-g and BTEX concentrations reported in soil and groundwater along the west and north Property borders were relatively low and most likely originated from offsite sources. As Figure 6 shows, the distance between the former USTs located along the south portion of the Property building and the west and north Property borders is between 300 and 500 feet, respectively. Given the extremely slow groundwater recharge rate observed in each of the soil borings, as well as clayey soil conditions encountered between near surface soils and 16 feet bgs during this investigation, it does not appear likely that TPH-g and BTEX concentrations reported in soil and groundwater along the west and north sides of the Property would have migrated 300 to 500 feet from a former leaking 350-gallon gasoline UST.

Based on the results of this investigation, CERES recommends notifying the Alameda County Health Services Agency (HSA) regarding the findings of this report. We also suggest submitting the two

previous reports prepared by Harding Lawson Associates and ATEC if they are not already on file at the HSA.

It is CERES' opinion that additional site characterization is necessary to identify the source of the free product observed in the SB-3 borehole. Once the source is confirmed appropriate remedial action should be taken to remove the free product and reduce contaminant concentrations in soil and groundwater surrounding the former UST excavation. It is not likely that the Regional Water Quality Control Board or Alameda County Department of Health Services is overly concerned with shallow groundwater quality in this portion of Oakland since groundwater in this area is not likely to have beneficial uses. However, both of these agencies will be concerned about potential health risk issues posed by subsurface contaminants identified during this investigation.

5.0 REFERENCES

- Harding Lawson Associates, 1991, Underground Storage Tank Removal, 2855 Cypress Street, Oakland, California

- ATEC, 1992, Subsurface Soil Investigation, 2855 Cypress Street, Oakland, California

- CERES Associates, 1998, Environmental Site Assessment Transaction Screen

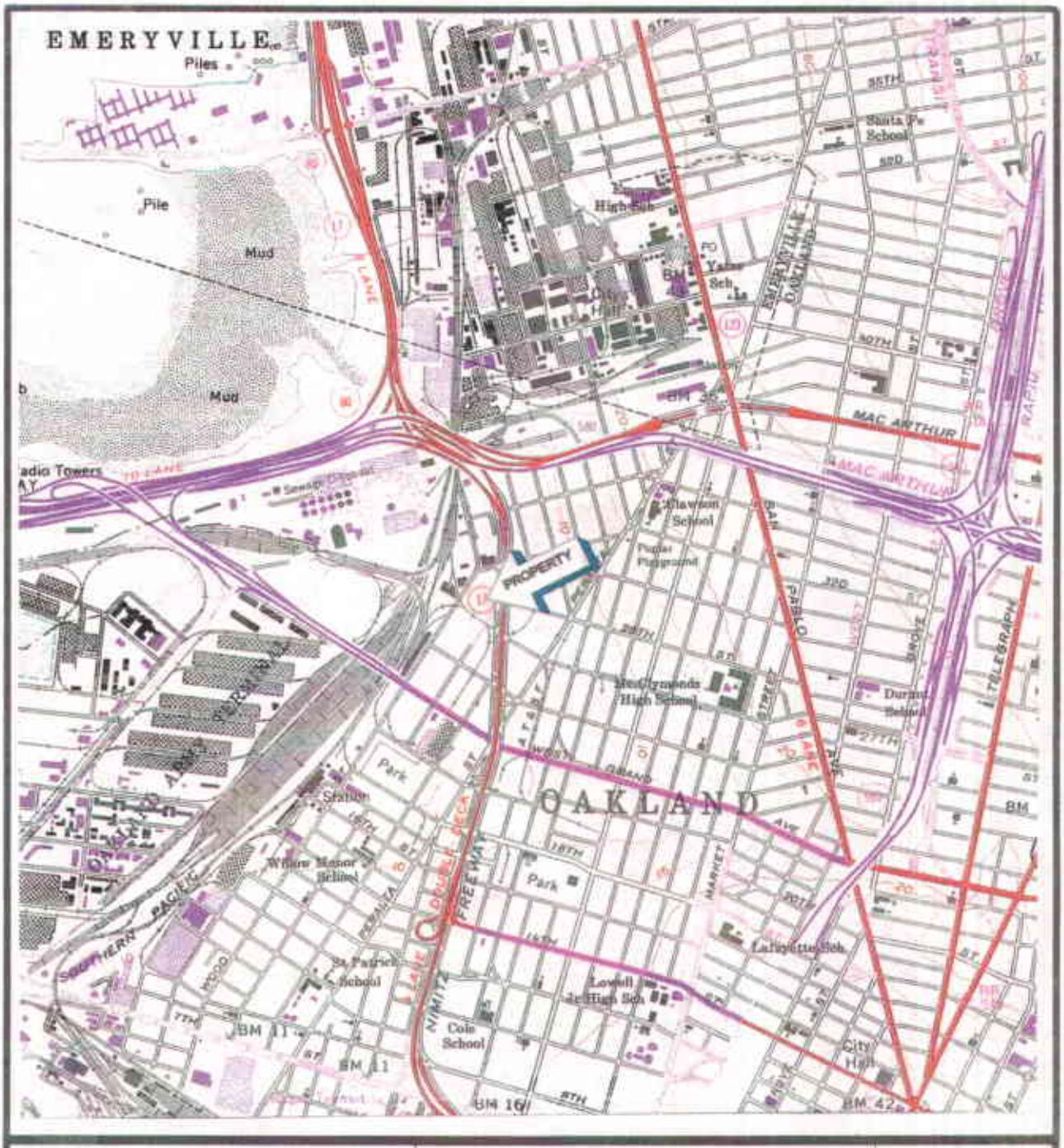
6.0 LIMITATIONS

Much of the information on which the conclusions of this report are based, comes from data provided by others. CERES is not responsible for the accuracy or completeness of this information. Inaccurate data provided by others, as well as information that was not found or made available to CERES, may result in a modification of the conclusions presented in this report.

It is possible unpermitted, undocumented or concealed improvements or alterations to the Property could exist beyond what was found during assessment activities. Variations in Property specific soil and groundwater conditions are probable beyond what field characterization can record. Changes in the conditions found on the Property could occur at some time in the future due to variations in environmental and physical conditions.

In today's technology, no amount of assessment can ascertain that the Property is completely free of environmental concern.

Any geologic and hydrogeologic data are for drawing conclusions, by CERES, within the context and timing of this report only. This report was prepared for the sole use and benefit of Page Street Properties and its lenders.



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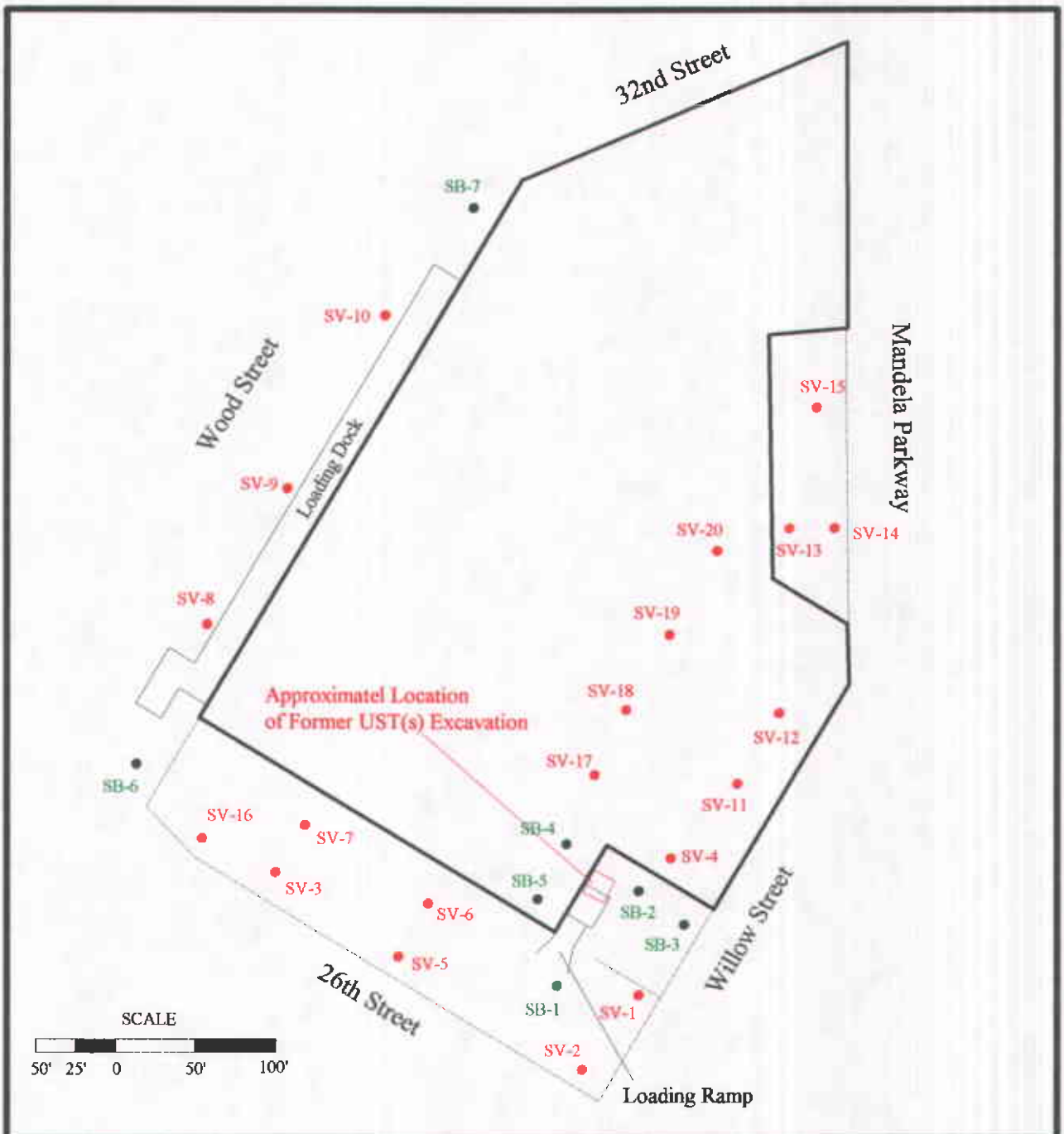
United States Geological Survey
7.5 Minute Series, Topographic Map
Oakland, West, California Quadrangle
1959, photorevised 1980

N

FIGURE 1 - PROPERTY LOCATION MAP



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Soil vapor sample location

Soil boring sample location

Property building outline

Fence

N

FIGURE 2 - SAMPLE LOCATION MAP

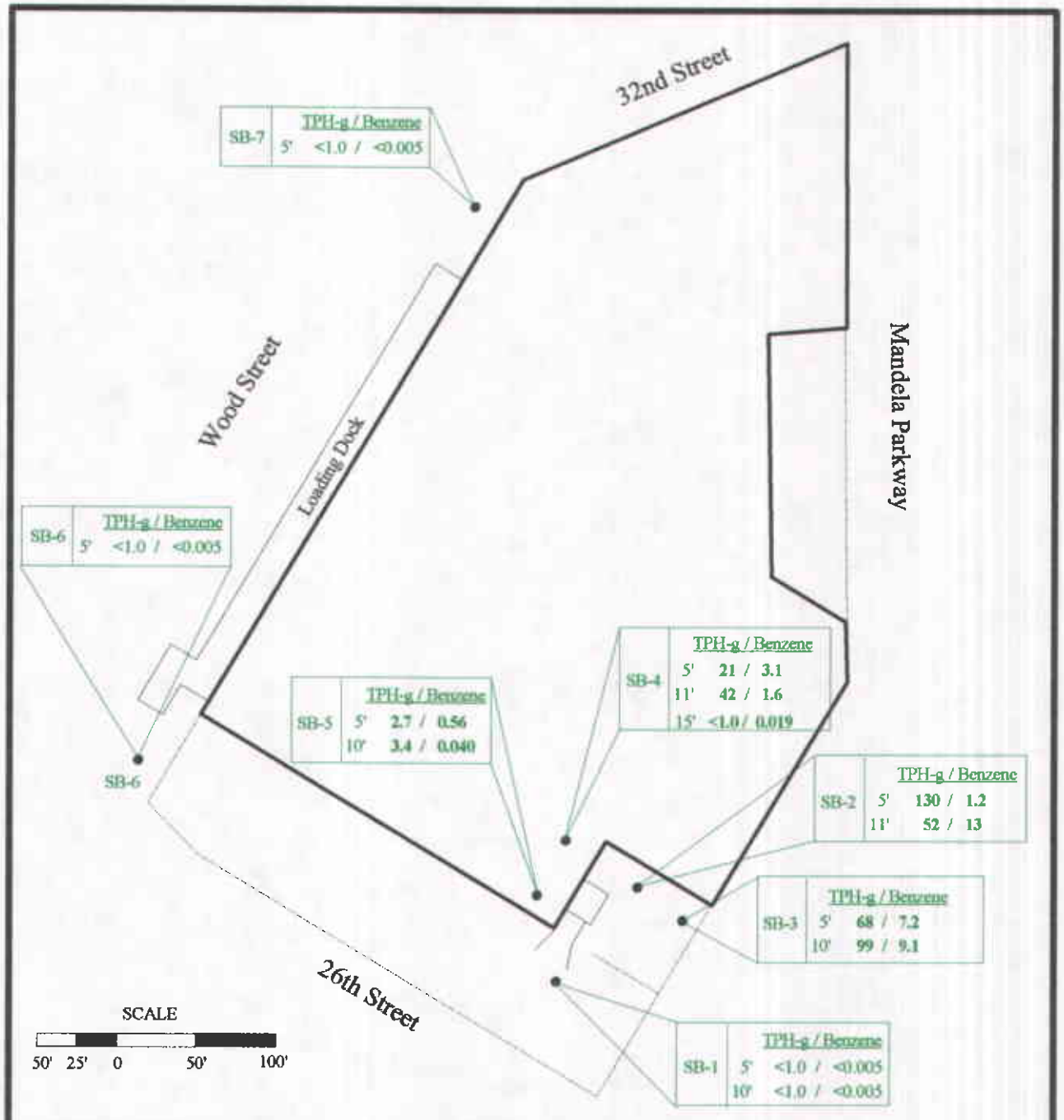

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FIGURE 3 - SOIL SAMPLE RESULTS (TPH-g / Benzene)

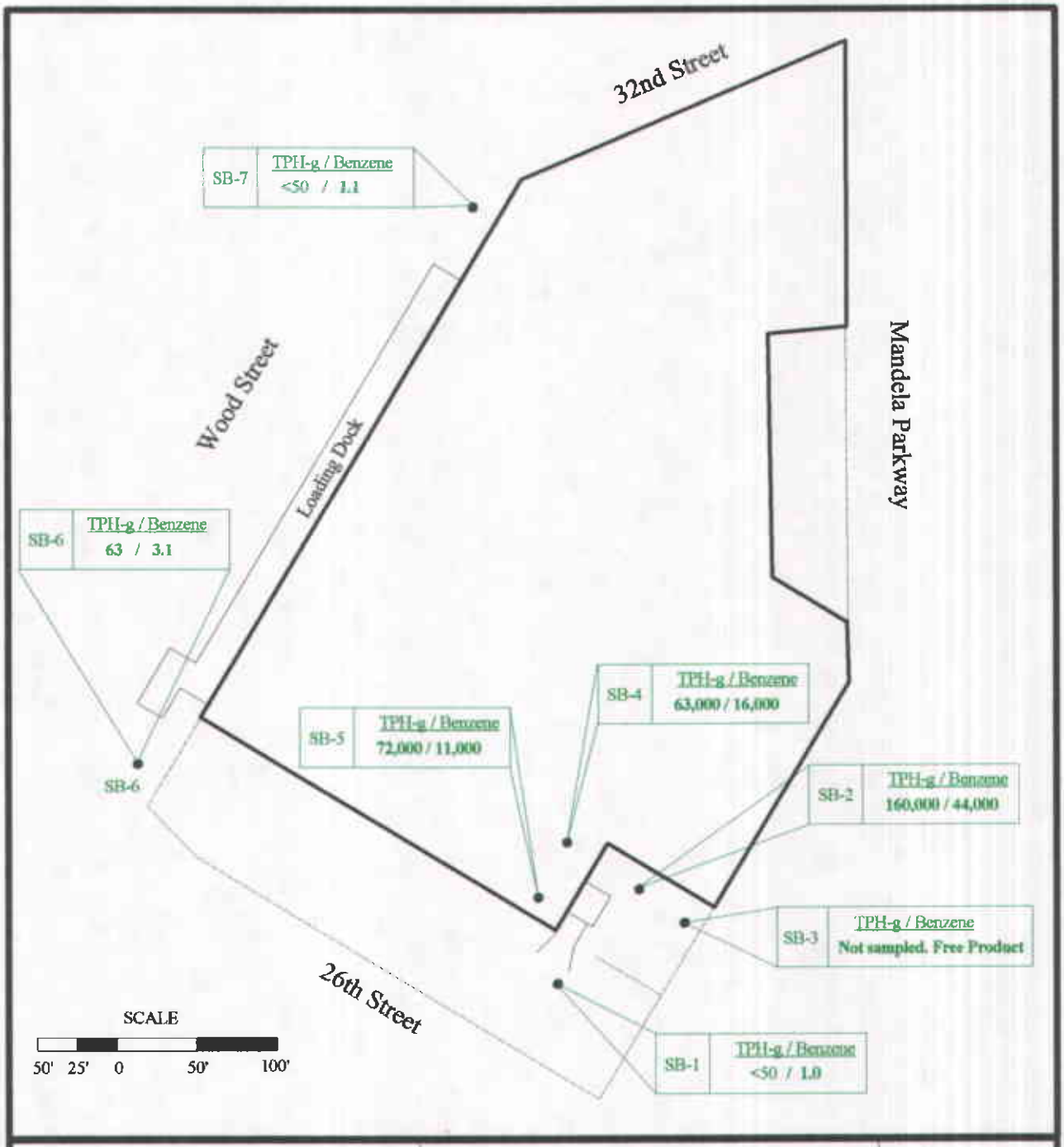

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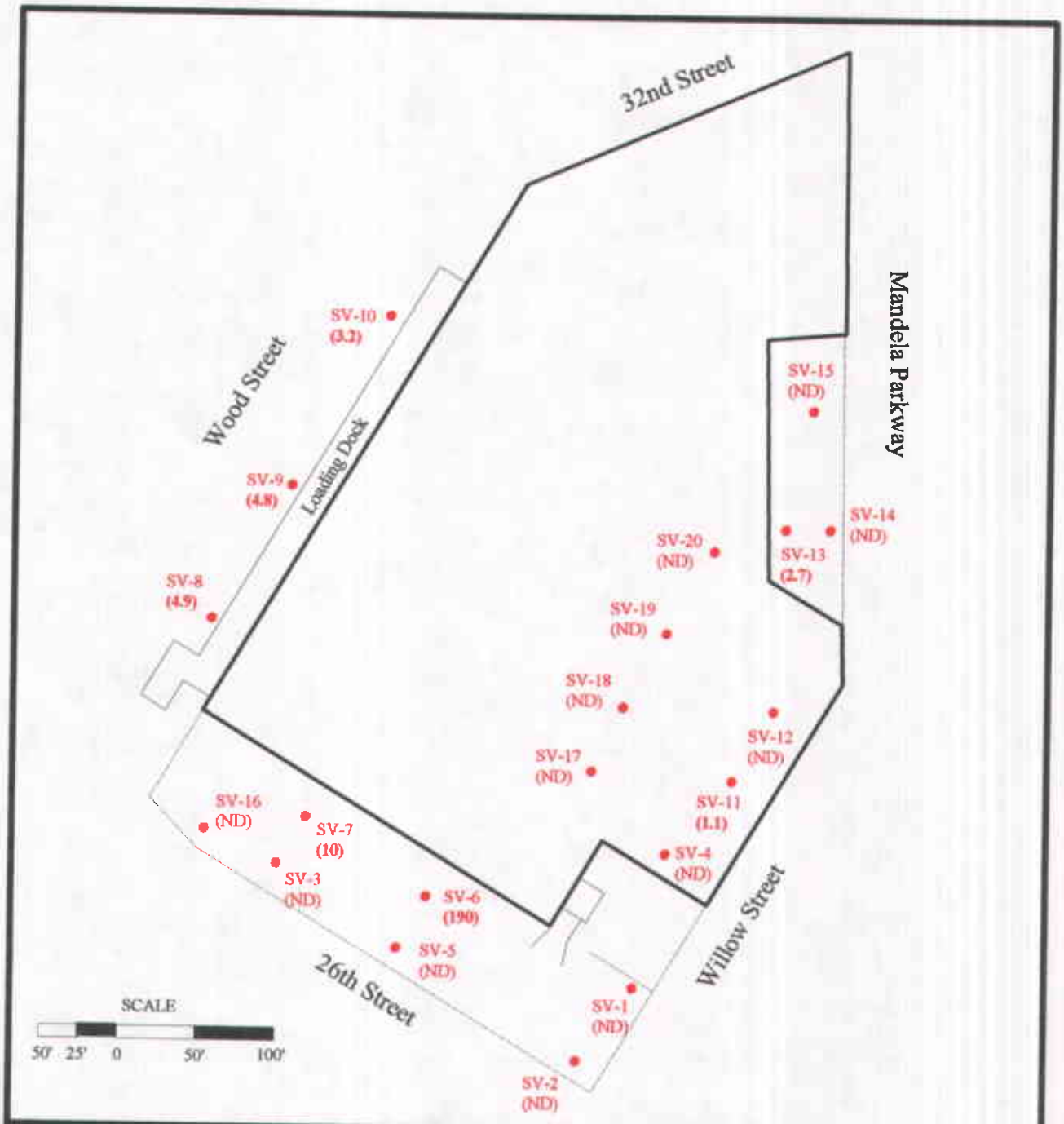
FIGURE 4 - GRAB GROUNDWATER SAMPLE RESULTS (TPH-g / Benzene)



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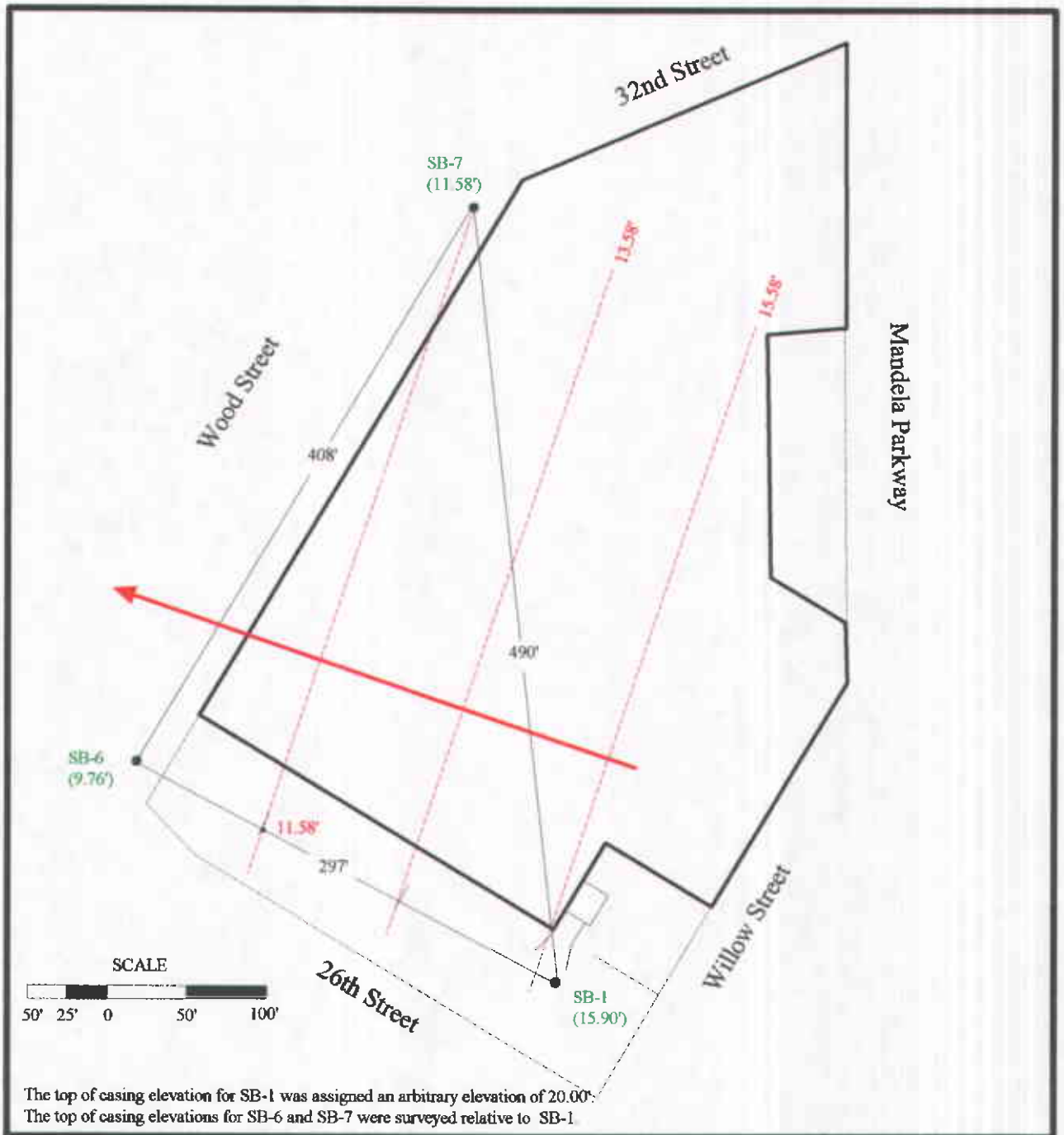
SV-11 (1.1) Soil vapor sample location. Benzene concentration in parts per billion (ppb).

(ND) Not detected above 1.0 ppb.

N

FIGURE 5 - SOIL VAPOR SAMPLE RESULTS (Benzene)



The top of casing elevation for SB-1 was assigned an arbitrary elevation of 20.00'.
The top of casing elevations for SB-6 and SB-7 were surveyed relative to SB-1.

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SB-1 (15.90') Soil boring sample location and water table elevation

Property building outline

13.58' Groundwater elevation contour

Groundwater flow direction

N

FIGURE 6 - GROUNDWATER CONTOUR MAP

TABLE 1

SOIL SAMPLE RESULTS
(TPH-g, BTEX COMPOUNDS AND MTBE)

Sample Location	Sample Depth (feet bgs)	Analytical Laboratory Results (mg/kg)					
		TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
SB-1	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
SB-1	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
SB-2	5	**130**	**1.2**	**2.0**	**6.3**	**13**	<0.005
SB-2	11	**52**	**13**	**17**	**2.1**	**8.6**	<0.005
SB-3	5	**68**	**7.2**	**15**	**3.0**	**11**	<0.005
SB-3	10	**99**	**9.1**	**14**	**5.0**	**17**	<0.005
SB-4	5	**21**	**3.1**	**0.49**	**2.9**	**2.9**	<0.005
SB-4	11	**42**	**1.6**	**0.12**	**1.1**	**4.3**	<0.005
SB-4	15	<1.0	**0.019**	<0.005	<0.005	<0.005	<0.005
SB-5	5	**2.7**	**0.56**	**0.011**	**0.46**	**0.041**	<0.005
SB-5	10	**3.4**	**0.040**	**0.76**	**0.13**	**0.59**	<0.005
SB-6	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.0005
SB-7	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005

Bold type indicates compound reported above laboratory detection limit concentration.
HVOCs were not reported above their respective detection limit concentrations. Detection limt concentrations are presented on the analytical laboratory data sheets provided in Appendix C.

TABLE 2

GRAB GROUNDWATER SAMPLE RESULTS
(TPH-g, BTEX COMPOUNDS AND MTBE)

Sample Location	Sample Depth (feet bgs)	Analytical Laboratory Results (μg/l)					
		TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
SB-1	4	<50	**1.0**	**1.0**	<0.5	**1.2**	<0.5
SB-2	4	**160,000**	**44,000**	**38,000**	**5,900**	**24,000**	<50
SB-3	4	No sample. Free product.					
SB-4	7.5	**63,000**	**16,000**	**12,000**	**3,200**	**11,000**	<50
SB-5	7.5	**72,000**	**11,000**	**17,000**	**3,600**	**20,000**	<250
SB-6	8	**63**	**3.1**	**9.0**	**3.3**	**16**	<0.5
SB-7	6.5	<50	**1.1**	**2.1**	**1.9**	**6.4**	<0.5

Bold type indicates compound reported above laboratory detction limit concentration.
HVOCs were not reported above their respective detection limit concentrations. Detection limt concentrations are presented on the analytical laboratory data sheets provided in Appendix C.

TABLE 3

SOIL VAPOR SAMPLE RESULTS
(BTEX COMPOUNDS AND MTBE)

Sample Location	Sample Depth (feet bgs)	Analytical Laboratory Results (μg/l)				
		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
SV-1	3	<1.0	<1.0	<1.0	<1.0	<1.0
SV-2	1	<1.0	<1.0	<1.0	<1.0	<1.0
SV-3	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
SV-4	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
SV-5	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
SV-6	1.5	**190**	**110**	**190**	**75**	<1.0
SV-7	1.5	**10**	**65**	**20**	**15**	<1.0
SV-8	1.5	**4.9**	<1.0	**9.2**	**8.6**	<1.0
SV-9	1.5	**4.8**	<1.0	**7.3**	**5.9**	<1.0
SV-10	1.5	**3.2**	<1.0	**5.4**	**4.5**	<1.0
SV-11	1.5	**1.1**	<1.0	**1.6**	**3.7**	<1.0
SV-12	1.5	<1.0	<1.0	**1.9**	**15**	<1.0
SV-13	1.5	**2.7**	**18**	**6.8**	**6.9**	<1.0
SV-14	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
SV-15	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
SV-16	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
SV-17	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
SV-18	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
SV-19	3	<1.0	<1.0	<1.0	<1.0	<1.0
SV-20	3	<1.0	<1.0	<1.0	<1.0	<1.0

Bold type indicates compound reported above laboratory detction limit concentration.
HVOCs were not reported above their respective detection limit concentrations. Detection limt concentrations are presented on the analytical laboratory data sheets provided in Appendix C.

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-5262
(510) 670-5446 ALVIN KAN

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2855 MANDELA PARKWAY
OAKLAND, CA

California Coordinates Source _____ ft. Accuracy +/- ___ ft.
CCN _____ ft. CCE _____ ft.
APN _____

CLIENT
Name PACIFIC STREET PROPERTIES
Address 1333 CHANNEL CTR Phone (415) 348-2266
City SAN FRANCISCO Zip 94111

APPLICANT
Name CDM ASSOCIATES Fax (925) 825-9441
Address 1340 COMMERCIAL CIR Phone (925) 825-7716
City CONCORD Zip 94520

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☒
Monitoring	☐	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other _____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☐
Cable	☐	Other	☒ DIRECT PUSH		

DRILLER'S LICENSE NO. C57 705927 (VIRONEX, INC)

WELL PROJECTS
Drill Hole Diameter _____ in. Maximum
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

GEOTECHNICAL PROJECTS
Number of Borings 20
Hole Diameter 1-5 in. Maximum Depth 10 ft

ESTIMATED STARTING DATE ~~8/3/98~~ 8/03/98
ESTIMATED COMPLETION DATE ~~8/6/98~~ 8/06/98

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73 68.

APPLICANT'S SIGNATURE _____ DATE 7/22/98

FOR OFFICE USE

PERMIT NUMBER 98WR305
WELL NUMBER _____
APN _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
(2.) Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
(3.) Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Maximum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

(D.) GEOTECHNICAL
Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC
Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
See attached.

G. SPECIAL CONDITIONS

APPROVED A. Kan DATE 7/27/98

20 SOIL VAPOR SAMPLE POINTS

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-5262
(510) 670-6548 ALVIN KAN

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2855 MANDELLA
PARKWAY, OAKLAND, CA

California Coordinates Source _____ ft. Accuracy = ___ ft.
CCN _____ ft. CCE _____ ft.
APN _____

CLIENT
Name PAGE STREET PROPERTIES
Address THREE EMBARCADERO CTR. Phone _____
City SAN FRANCISCO Zip 94111

APPLICANT
Name CERES ASSOCIATES Fax (925) 825-4441
Address 5034 COMMERCE CIR. Phone (925) 825-4466
City CONCORD Zip 94520

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	☒	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other _____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☒
Cable	☐	Other	☒ GEOPROBE		

DRILLER'S LICENSE NO. C57 - 705927 (VIRGILES, INC.)

WELL PROJECTS
Drill Hole Diameter 2.5 in. Maximum
Casing Diameter 1 in. Depth 10 ft.
Surface Seal Depth 1 ft. Number 3 GEOPROBE

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 8/03/98
ESTIMATED COMPLETION DATE 8/06/98

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73 68.

APPLICANT'S SIGNATURE _____ DATE 7/22/98

FOR OFFICE USE

PERMIT NUMBER 98WR306
WELL NUMBER _____
APN _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
(2.) Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
(3.) Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC
Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
See attached.

G. SPECIAL CONDITIONS

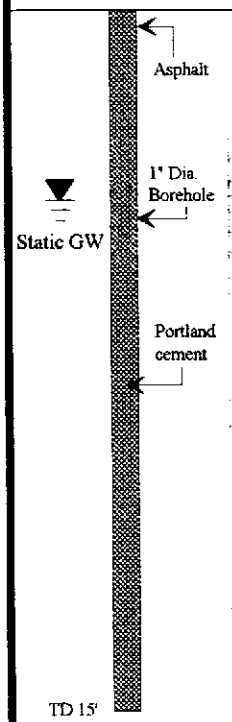
APPROVED Alvin Kan DATE 7/27/98

3 MONITORING WELLS
SOIL borings

CERES ASSOCIATES

Logged by: John Love RG 6315

HOLE NO.	PROJECT NAME:	PROJECT ADDRESS:	DATE:	SHEET
SB-1	Commercial Property	2853-2863 Mandela Parkway, Oakland, CA	August 3, 1998	1 OF 1



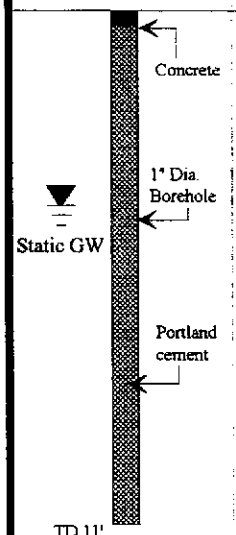
DEPTH	Sampler Interval	PID Reading	USCS	LOG OF MATERIAL
4	4' to 6'	0.5	CL	**(4'-6')** Silty Clay: Gray (7.5YR N5/0); soft; low plasticity (sticky); very moist: slight petroleum odor.
10	9' to 11'	0	CL	**(9'-11')** Silty Clay: Gray (7.5YR N5/0); soft; low plasticity (sticky); very moist: slight; no odor.

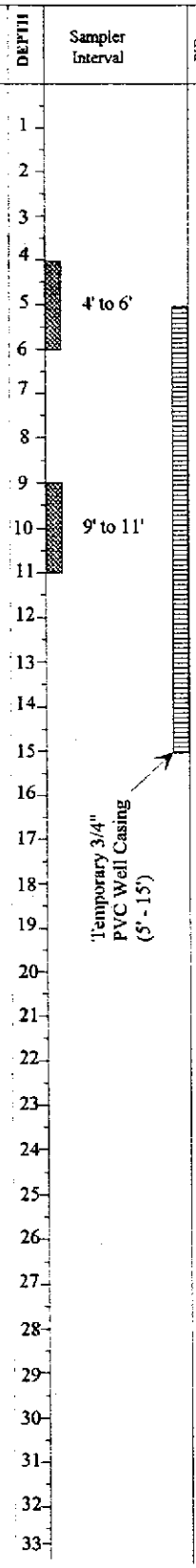
Temporary 3/4" PVC Well Casing

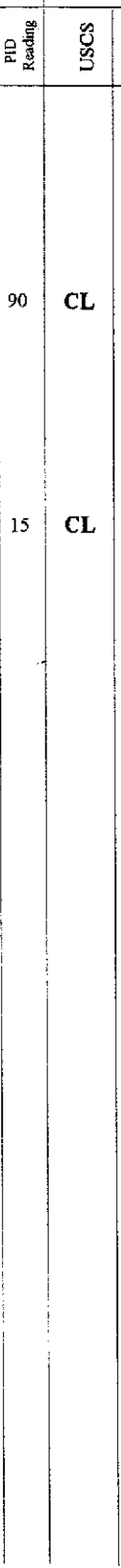
CERES ASSOCIATES

Logged by: John Love RG 6315

HOLE NO.	PROJECT NAME:	PROJECT ADDRESS:	DATE:	SHEET
SB–2	Commercial Property	2853-2863 Mandela Parkway, Oakland, CA	August 3, 1998	1 OF 1







LOG OF MATERIAL

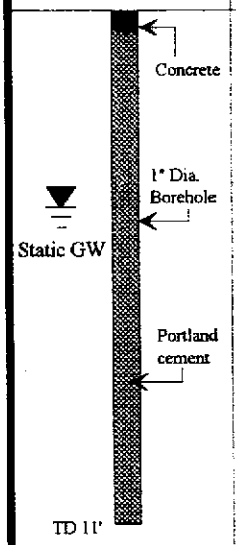
(4'-6') Silty Clay: very dark grayish brown (2.5Y 3/2); soft; low plasticity (sticky); some organic matter (roots, etc.); petroleum odor; moist to very moist.

(9'-11') Silty Clay: dark greenish gray (5GY 4/1); soft; low plasticity; moist to very moist; no odor.

CERES ASSOCIATES

Logged by: John Love RG 6315

HOLE NO.	PROJECT NAME:	PROJECT ADDRESS:	DATE:	SHEET
SB–3	Commercial Property	2853-2863 Mandela Parkway, Oakland, CA	August 3, 1998	1 OF 1

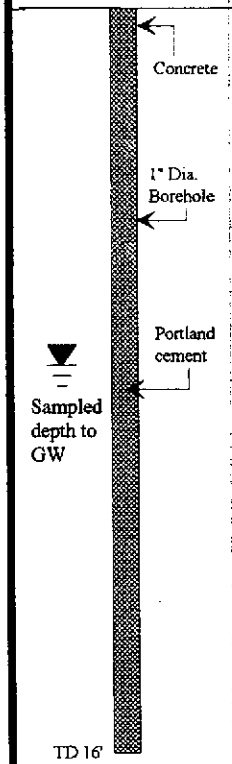


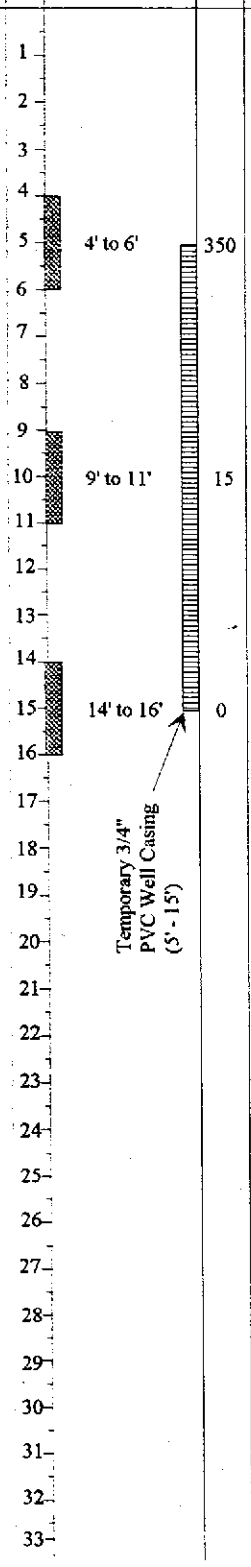
DEPTH	Sampler Interval	PID Reading	USCS	LOG OF MATERIAL
1–33	4' to 6'	50	CL	**(4'-6')** Silty Clay: very dark grayish brown (2.5Y 3/2); soft; low plasticity (sticky); some organic matter (roots, etc.); petroleum odor; moist to very moist.
	9' to 11'	8	CL	**(9'-11')** Silty Clay: dark greenish gray (5GY 4/1); soft; low plasticity; moist to very moist; no odor.
				Temporary 3/4" PVC Well Casing (5' - 10')

CERES ASSOCIATES

Logged by: John Love RG 6315

HOLE NO.	PROJECT NAME:	PROJECT ADDRESS:	DATE:	SHEET 1 OF 1
SB-4	Commercial Property	2853-2863 Mandela Parkway, Oakland, CA	August 3, 1998	



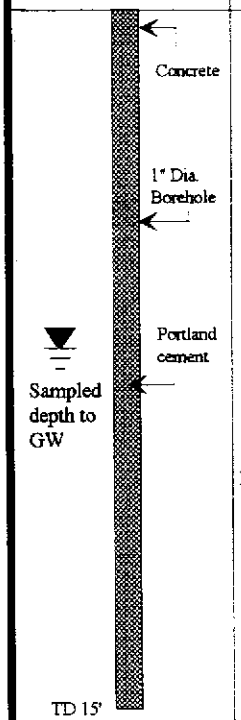


USCS	LOG OF MATERIAL
CL	**(4'-6')** Silty Clay: dark greenish gray (5GY 4/1); soft; low plasticity; moist to very moist; petroleum odor.
CL	**(9'-11')** Silty Clay: dark greenish gray (5GY 4/1); soft; low plasticity; moist to very moist; no odor.
CL	**(14'-15')** Silty Clay: dark greenish gray (5GY 4/1); soft; low plasticity; moist to very moist; no odor.
CL	**(15'-16')** Silty Clay: Olive brown (2.5Y 4/4); firm; low plasticity; moist; no odor.

CERES ASSOCIATES

Logged by: John Love RG 6315

HOLE NO.	PROJECT NAME:	PROJECT ADDRESS:	DATE:	SHEET 1 OF 1
SB-5	Commercial Property	2853-2863 Mandela Parkway, Oakland, CA	August 3, 1998	

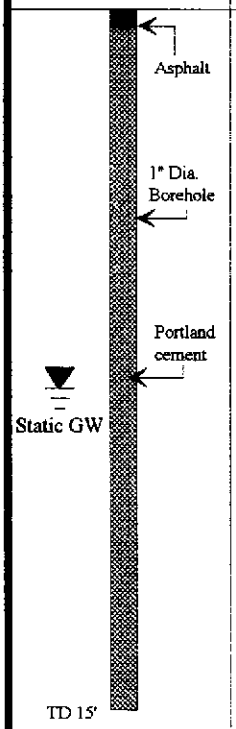


DEPTH	Sampler Interval	PID Reading	USCS	LOG OF MATERIAL
1–3				
4–6	4' to 6'	1.1	CL	**(4'-6')** Silty Clay: dark greenish gray (5GY 4/1); soft; low plasticity; moist to very moist; petroleum odor.
7–8				
9–11	9' to 11'	50	CL	**(9'-11')** Silty Clay: dark greenish gray (5GY 4/1); soft; low plasticity; moist to very moist; petroleum odor.
12–15	Temporary 3/4" PVC Well Casing (5' - 15')			
16–33				

CERES ASSOCIATES

Logged by: John Love RG 6315

HOLE NO.	PROJECT NAME:	PROJECT ADDRESS:	DATE:	SHEET
SB-6	Commercial Property	2853-2863 Mandela Parkway, Oakland, CA	August 3, 1998	1 OF 1

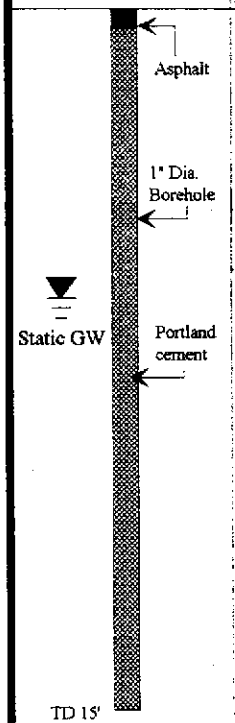


DEPTH	Sampler Interval	PID Reading	USCS	LOG OF MATERIAL
1				
2				
3				
4				
5	4' to 6'	NA	CL	(4'-6') Silty Clay: gray (7.5YR N5/0); soft; low plasticity; some organic material; some silty sand @ 5'); moist to very moist; no odor.
6				
7				
8				
9				
10	Temporary 3/4" PVC Well Casing (5' - 15')			
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				

CERES ASSOCIATES

Logged by: John Love RG 6315

HOLE NO.	PROJECT NAME:	PROJECT ADDRESS:	DATE:	SHEET
SB-7	Commercial Property	2853-2863 Mandela Parkway, Oakland, CA	August 3, 1998	1 OF 1



DEPTH	Sampler Interval	PID Reading	USCS	LOG OF MATERIAL
1–33	4' to 6'	0	CL	(4'-6') Silty Clay: gray (7.5YR N5/0); soft; low plasticity; some organic material; moist to very moist; no odor.

Temporary 3/4" PVC Well Casing (5' - 15')

MOBILE CHEM LABS INC.

1678 Reliez Valley Road • Lafayette, CA 94549
Phone (925) 945-1266 • Fax (925) 943-6884

CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088006	SB1-5' SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	<1.0
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director

MOBILE CHEM LABS INC.

1678 Reliez Valley Road • Lafayette, CA 94549
Phone (925) 945-1266 • Fax (925) 943-6884

CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088001	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB1-10' SOIL

ANALYSIS

	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	<1.0
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director

MOBILE CHEM LABS INC.

1678 Reliez Valley Road • Lafayette, CA 94549
Phone (925) 945-1266 • Fax (925) 943-6884

CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088002	SB2-5' SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	130
Benzene	0.005	1.2
Toluene	0.005	2.0
Xylenes	0.005	13
Ethylbenzene	0.005	6.3
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director

MOBILE CHEM LABS INC.

1678 Reliez Valley Road • Lafayette, CA 94549
Phone (925) 945-1266 • Fax (925) 943-6884

CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-05-98

Sample Number	Sample Description	
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA	
F088003	SB2-11'	SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	52
Benzene	0.005	13
Toluene	0.005	17
Xylenes	0.005	8.6
Ethylbenzene	0.005	2.1
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director

MOBILE CHEM LABS INC.

1678 Reliez Valley Road • Lafayette, CA 94549
Phone (925) 945-1266 • Fax (925) 943-6884

CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description	
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA	
F088004	SB3-5'	SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	68
Benzene	0.005	7.2
Toluene	0.005	15
Xylenes	0.005	11
Ethylbenzene	0.005	3.0
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director

MOBILE CHEM LABS INC.

1678 Reliez Valley Road • Lafayette, CA 94549
Phone (925) 945-1266 • Fax (925) 943-6884

CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088005	SB3-10' SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	99
Benzene	0.005	9.1
Toluene	0.005	14
Xylenes	0.005	17
Ethylbenzene	0.005	5.0
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director

MOBILE CHEM LABS INC.

1678 Reliez Valley Road • Lafayette, CA 94549
Phone (925) 945-1266 • Fax (925) 943-6884

CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description	
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA	
F088007	SB4-5'	SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	21
Benzene	0.005	3.1
Toluene	0.005	0.49
Xylenes	0.005	2.9
Ethylbenzene	0.005	2.9
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director

MOBILE CHEM LABS INC.

1678 Reliez Valley Road • Lafayette, CA 94549
Phone (925) 945-1266 • Fax (925) 943-6884

CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088008	SB4-11' SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	42
Benzene	0.005	1.6
Toluene	0.005	0.12
Xylenes	0.005	4.3
Ethylbenzene	0.005	1.1
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director

MOBILE CHEM LABS INC.

1678 Reliez Valley Road • Lafayette, CA 94549
Phone (925) 945-1266 • Fax (925) 943-6884

CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088009	SB4-15' SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	<1.0
Benzene	0.005	0.019
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

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Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088010	SB5-5' SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	2.7
Benzene	0.005	0.56
Toluene	0.005	0.011
Xylenes	0.005	0.041
Ethylbenzene	0.005	0.46
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088011	SB5-10' SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	3.4
Benzene	0.005	0.040
Toluene	0.005	0.76
Xylenes	0.005	0.59
Ethylbenzene	0.005	0.13
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

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Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088012	SB6-5' SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	<1.0
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

QA/QC: Duplicate Deviation is 8.6 %
Spike Recovery is 80 %

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description	
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA	
F088013	SB7-5'	SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	<1.0
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005
MTBE (Methyl tert-Butyl Ether)	0.005	<0.005

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppm) = (mg/kg)

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
F088034	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB 1 WATER

ANALYSIS

	Detection Limit	Sample Results
	ppb	ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	1.0
Toluene	0.5	1.0
Xylenes	0.5	1.2
Ethylbenzene	0.5	<0.5
MTBE(Methyl tert-Butyl Ether)	0.5	<0.5

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.
(ppb) = (ug/kg)

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Attn: John Love
Project Manager

Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
F088039	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB 2 WATER

ANALYSIS

	Detection Limit ppb		Sample Results ppb
Total Petroleum Hydrocarbons as Gasoline	5,000		160,000
Benzene	50		44,000
Toluene	50		38,000
Xylenes	50		24,000
Ethylbenzene	50		5,900
MTBE(Methyl tert-Butyl Ether)	50	*	<50

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppb) = (ug/kg). * = Detection Limit raised due to dilution.

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Attn: John Love
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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088038	SB 4 WATER

ANALYSIS

	Detection Limit		Sample Results
	ppb		ppb
Total Petroleum Hydrocarbons as Gasoline	5,000		63,000
Benzene	50		16,000
Toluene	50		12,000
Xylenes	50		11,000
Ethylbenzene	50		3,200
MTBE(Methyl tert-Butyl Ether)	50	*	<50

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppb) = (ug/kg). * = Detection Limit raised due to dilution.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088037	SB 5 WATER

ANALYSIS

	Detection Limit ppb		Sample Results ppb
Total Petroleum Hydrocarbons as Gasoline	25,000		72,000
Benzene	250		11,000
Toluene	250		17,000
Xylenes	250		20,000
Ethylbenzene	250		3,600
MTBE(Methyl tert-Butyl Ether)	250	*	<250

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction. (ppb) = (ug/kg). * = Detection Limit raised due to dilution.

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Date Sampled: 08-04-98
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Date Analyzed: 08-05-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088035	SB 6 WATER

ANALYSIS

	Detection Limit	Sample Results
	ppb	ppb
Total Petroleum Hydrocarbons as Gasoline	50	63
Benzene	0.5	3.1
Toluene	0.5	9.0
Xylenes	0.5	16
Ethylbenzene	0.5	3.3
MTBE(Methyl tert-Butyl Ether)	0.5	<0.5

QA/QC: Duplicate Deviation is 7.8 %
Spike Recovery is 106 %

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.
(ppb) = (ug/kg)

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
F088036	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB 7 WATER

ANALYSIS

	Detection Limit	Sample Results
	ppb	ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	1.1
Toluene	0.5	2.1
Xylenes	0.5	6.4
Ethylbenzene	0.5	1.9
MTBE(Methyl tert-Butyl Ether)	0.5	<0.5

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.
(ppb) = (ug/kg)

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088014	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV1-3' SOIL VAPOR

ANALYSIS

	Detection Limit	Sample Results
	ug/L	ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088015	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV2-1' SOIL VAPOR

ANALYSIS

	Detection Limit	Sample Results
	ug/L	ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
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Date Analyzed: 08-04-98

Sample Number	Sample Description
F088016	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV3-1.5' SOIL VAPOR

ANALYSIS

	Detection Limit	Sample Results
	ug/L	ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088017	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV4-1.5' SOIL VAPOR

ANALYSIS

	Detection Limit	Sample Results
	ug/L	ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
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Date Analyzed: 08-04-98

Sample Number	Sample Description
F088018	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV5-1.5' SOIL VAPOR

ANALYSIS

	Detection Limit	Sample Results
	ug/L	ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Analyzed: 08-04-98

Sample Number	Sample Description
F088019	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV6-1.5' SOIL VAPOR

ANALYSIS

	Detection Limit	Sample Results
	ug/L	ug/L
Benzene	1.0	190
Toluene	1.0	110
Xylenes	1.0	75
Ethylbenzene	1.0	190
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
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Date Analyzed: 08-04-98

Sample Number	Sample Description
F088020	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV7-1.5' SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	10
Toluene	1.0	65
Xylenes	1.0	15
Ethylbenzene	1.0	20
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Attn: John Love
Project Manager

Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088021	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV8-1.5' SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	4.9
Toluene	1.0	<1.0
Xylenes	1.0	8.6
Ethylbenzene	1.0	9.2
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088022	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV9-1.5' SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	4.8
Toluene	1.0	<1.0
Xylenes	1.0	5.9
Ethylbenzene	1.0	7.3
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
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Date Analyzed: 08-04-98

Sample Number	Sample Description
F088023	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV10-1.5'SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	3.2
Toluene	1.0	<1.0
Xylenes	1.0	4.5
Ethylbenzene	1.0	5.4
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088024	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV11-1.5'SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	1.1
Toluene	1.0	<1.0
Xylenes	1.0	3.7
Ethylbenzene	1.0	1.6
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088025	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV12-1.5'SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	15
Ethylbenzene	1.0	1.9
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088026	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV13-1.5'SOIL VAPOR

ANALYSIS

	Detection Limit	Sample Results
	ug/L	ug/L
Benzene	1.0	2.7
Toluene	1.0	18
Xylenes	1.0	6.9
Ethylbenzene	1.0	6.8
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088027	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV14-1.5'SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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CA 268-2\2124\013942

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5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088028	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV15-1.5'SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088029	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV16-1.5'SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088030	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV17-1.5'SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

QA/QC: Duplicate Deviation is 10 %
Spike Recovery is 86 %

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088031	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV18-1.5'SOIL VAPOR

ANALYSIS

	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088032	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV19-3' SOIL VAPOR

ANALYSIS

	Detection Limit	Sample Results
	ug/L	ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Project Manager

Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088033	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV20-3' SOIL VAPOR

ANALYSIS

	Detection Limit	Sample Results
	ug/L	ug/L
Benzene	1.0	<1.0
Toluene	1.0	<1.0
Xylenes	1.0	<1.0
Ethylbenzene	1.0	<1.0
MTBE (Methyl tert-Butyl Ether)	1.0	<1.0

Note: Analysis was performed using EPA methods 5030 and TPH LUFT with method 8020 used for BTEX distinction.

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088006	SB1-5' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088001	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB1-10' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA
F088002	SB2-5' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088003	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB2-11' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane	<0.005	trans-1,2-Dichloroethene	<0.001
Bromodichloromethane	<0.001	1,2-Dichloropropane	<0.001
Bromoform	<0.005	cis-1,3-Dichloropropene	<0.001
Carbon Tetrachloride	<0.001	trans-1,3-Dichloropropene	<0.002
Chlorobenzene	<0.001	Methylene Chloride	<0.001
Chloroethane	<0.001	1,1,2,2-Tetrachloroethane	<0.002
2-Chloroethylvinyl Ether	<0.005	Tetrachloroethene	<0.001
Chloroform	<0.001	1,1,1-Trichloroethane	<0.001
Chloromethane	<0.001	1,1,2-Trichloroethane	<0.001
Dibromochloromethane	<0.001	Trichloroethene	<0.001
1,1-Dichloroethane	<0.002	Trichlorofluoromethane	<0.001
1,2-Dichloroethane	<0.002	Vinyl Chloride	<0.005
1,1-Dichloroethene	<0.002		

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088004	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB3-5' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088005	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB3-10' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088007	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB4-5' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088008	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB4-11' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-08-98

Sample Number	Sample Description
F088009	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB4-15' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane	<0.005	trans-1,2-Dichloroethene	<0.001
Bromodichloromethane	<0.001	1,2-Dichloropropane	<0.001
Bromoform	<0.005	cis-1,3-Dichloropropene	<0.001
Carbon Tetrachloride	<0.001	trans-1,3-Dichloropropene	<0.002
Chlorobenzene	<0.001	Methylene Chloride	<0.001
Chloroethane	<0.001	1,1,2,2-Tetrachloroethane	<0.002
2-Chloroethylvinyl Ether	<0.005	Tetrachloroethene	<0.001
Chloroform	<0.001	1,1,1-Trichloroethane	<0.001
Chloromethane	<0.001	1,1,2-Trichloroethane	<0.001
Dibromochloromethane	<0.001	Trichloroethene	<0.001
1,1-Dichloroethane	<0.002	Trichlorofluoromethane	<0.001
1,2-Dichloroethane	<0.002	Vinyl Chloride	<0.005
1,1-Dichloroethene	<0.002		

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088010	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB5-5' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088011	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB5-10' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

QA/QC: Duplicate Deviation is 11 %
Spike Recovery is 96 %

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

MOBILE CHEM LABS, INC.

Ronald G. Evans
Lab Director

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CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-03-98

Sample Number	Sample Description
F088012	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB6-5' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-03-98
Date Received: 08-03-98
Date Analyzed: 08-08-98

Sample Number	Sample Description
F088013	Project # CA 268-2 2853 Mandela Pkwy. Oakland, CA SB7-5' SOIL

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppm

Bromomethane.....<0.005	trans-1,2-Dichloroethene.<0.001
Bromodichloromethane.....<0.001	1,2-Dichloropropane.....<0.001
Bromoform.....<0.005	cis-1,3-Dichloropropene..<0.001
Carbon Tetrachloride.....<0.001	trans-1,3-Dichloropropene<0.002
Chlorobenzene.....<0.001	Methylene Chloride.....<0.001
Chloroethane.....<0.001	1,1,2,2-Tetrachloroethane<0.002
2-Chloroethylvinyl Ether.<0.005	Tetrachloroethene.....<0.001
Chloroform.....<0.001	1,1,1-Trichloroethane....<0.001
Chloromethane.....<0.001	1,1,2-Trichloroethane....<0.001
Dibromochloromethane.....<0.001	Trichloroethene.....<0.001
1,1-Dichloroethane.....<0.002	Trichlorofluoromethane...<0.001
1,2-Dichloroethane.....<0.002	Vinyl Chloride.....<0.005
1,1-Dichloroethene.....<0.002	

QA/QC: Duplicate deviation is 6.0 %
Spike Recovery is 91 %

Note: Analysis was performed using EPA methods 5030 and 8010
(ppm) = (mg/kg)

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Attn: John Love
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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
F088034	Project # ca 268-2 2853 Mandela Pkwy. Oakland, CA SB 1 WATER

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppb

Bromomethane.....<5.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<5.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<2.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<1.0	1,1,2,2-Tetrachloroethane.<2.0
2-Chloroethylvinyl Ether...<5.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<1.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<2.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<2.0
1,2-Dichloroethane.....<2.0	Vinyl Chloride.....<5.0
1,1-Dichloroethene.....<2.0	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppb) = (µg/L)

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Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
F088039	Project # ca 268-2 2853 Mandela Pkwy. Oakland, CA SB 2 WATER

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppb

Bromomethane.....<5.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<5.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<2.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<1.0	1,1,2,2-Tetrachloroethane.<2.0
2-Chloroethylvinyl Ether...<5.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<1.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<2.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<2.0
1,2-Dichloroethane.....<2.0	Vinyl Chloride.....<5.0
1,1-Dichloroethene.....<2.0	

QA/QC: Duplicate Deviation is 0 %
Spike Recovery is 102 %

Note: Analysis was performed using EPA methods 5030 and 8010
(ppb) = (µg/L)

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
F088038	Project # ca 268-2 2853 Mandela Pkwy. Oakland, CA SB 4 WATER

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppb

Bromomethane.....<5.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<5.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<2.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<1.0	1,1,2,2-Tetrachloroethane.<2.0
2-Chloroethylvinyl Ether...<5.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<1.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<2.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<2.0
1,2-Dichloroethane.....<2.0	Vinyl Chloride.....<5.0
1,1-Dichloroethene.....<2.0	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppb) = (µg/L)

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
F088037	Project # ca 268-2 2853 Mandela Pkwy. Oakland, CA SB 5 WATER

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppb

Bromomethane.....<5.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<5.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<2.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<1.0	1,1,2,2-Tetrachloroethane.<2.0
2-Chloroethylvinyl Ether...<5.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<1.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<2.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<2.0
1,2-Dichloroethane.....<2.0	Vinyl Chloride.....<5.0
1,1-Dichloroethene.....<2.0	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppb) = (µg/L)

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
F088035	Project # ca 268-2 2853 Mandela Pkwy. Oakland, CA SB 6 WATER

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppb

Bromomethane.....<5.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<5.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<2.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<1.0	1,1,2,2-Tetrachloroethane.<2.0
2-Chloroethylvinyl Ether...<5.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<1.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<2.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<2.0
1,2-Dichloroethane.....<2.0	Vinyl Chloride.....<5.0
1,1-Dichloroethene.....<2.0	

Note: Analysis was performed using EPA methods 5030 and 8010
(ppb) = (µg/L)

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-05-98

Sample Number	Sample Description
F088036	Project # ca 268-2 2853 Mandela Pkwy. Oakland, CA SB 7 WATER

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ppb

Bromomethane	<5.0	trans-1,2-Dichloroethene	<1.0
Bromodichloromethane	<1.0	1,2-Dichloropropane	<1.0
Bromoform	<5.0	cis-1,3-Dichloropropene	<1.0
Carbon Tetrachloride	<1.0	trans-1,3-Dichloropropene	<2.0
Chlorobenzene	<1.0	Methylene Chloride	<1.0
Chloroethane	<1.0	1,1,2,2-Tetrachloroethane	<2.0
2-Chloroethylvinyl Ether	<5.0	Tetrachloroethene	<1.0
Chloroform	<1.0	1,1,1-Trichloroethane	<1.0
Chloromethane	<1.0	1,1,2-Trichloroethane	<1.0
Dibromochloromethane	<1.0	Trichloroethene	<2.0
1,1-Dichloroethane	<1.0	Trichlorofluoromethane	<2.0
1,2-Dichloroethane	<2.0	Vinyl Chloride	<5.0
1,1-Dichloroethene	<2.0		

Note: Analysis was performed using EPA methods 5030 and 8010
(ppb) = (µg/L)

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088014	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV1-1' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088015	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV2-3' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088016	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV3-1.5' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane	<2.0	trans-1,2-Dichloroethene	<1.0
Bromodichloromethane	<1.0	1,2-Dichloropropane	<1.0
Bromoform	<1.0	cis-1,3-Dichloropropene	<1.0
Carbon Tetrachloride	<1.0	trans-1,3-Dichloropropene	<1.0
Chlorobenzene	<1.0	Methylene Chloride	<1.0
Chloroethane	<2.0	1,1,2,2-Tetrachloroethane	<1.0
2-Chloroethylvinyl Ether	<1.0	Tetrachloroethene	<1.0
Chloroform	<1.0	1,1,1-Trichloroethane	<1.0
Chloromethane	<20.0	1,1,2-Trichloroethane	<1.0
Dibromochloromethane	<1.0	Trichloroethene	<1.0
1,1-Dichloroethane	<1.0	Trichlorofluoromethane	<1.0
1,2-Dichloroethane	<1.0	Vinyl Chloride	<2.0
1,1-Dichloroethene	<1.0		

QA/QC: Duplicate Deviation is 22 %
Spike Recovery is 80 %

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088017	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV4-1.5' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088018	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV5-1.5' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088019	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV6-1.5' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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CA 268-2\2124\013942

Ceres Associates
5040 Commercial Cir. # F
Concord, CA 94520
Attn: John Love
Project Manager

Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088020	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV7-1.5' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane	<2.0	trans-1,2-Dichloroethene	<1.0
Bromodichloromethane	<1.0	1,2-Dichloropropane	<1.0
Bromoform	<1.0	cis-1,3-Dichloropropene	<1.0
Carbon Tetrachloride	<1.0	trans-1,3-Dichloropropene	<1.0
Chlorobenzene	<1.0	Methylene Chloride	<1.0
Chloroethane	<2.0	1,1,2,2-Tetrachloroethane	<1.0
2-Chloroethylvinyl Ether	<1.0	Tetrachloroethene	<1.0
Chloroform	<1.0	1,1,1-Trichloroethane	<1.0
Chloromethane	<20.0	1,1,2-Trichloroethane	<1.0
Dibromochloromethane	<1.0	Trichloroethene	<1.0
1,1-Dichloroethane	<1.0	Trichlorofluoromethane	<1.0
1,2-Dichloroethane	<1.0	Vinyl Chloride	<2.0
1,1-Dichloroethene	<1.0		

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088021	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV8-1.5' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088022	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV9-1.5' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088023	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV10-1.5'SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
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Sample Number	Sample Description
F088024	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV11-1.5'SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
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Sample Number	Sample Description
F088025	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV12-1.5'SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane	<2.0	trans-1,2-Dichloroethene	<1.0
Bromodichloromethane	<1.0	1,2-Dichloropropane	<1.0
Bromoform	<1.0	cis-1,3-Dichloropropene	<1.0
Carbon Tetrachloride	<1.0	trans-1,3-Dichloropropene	<1.0
Chlorobenzene	<1.0	Methylene Chloride	<1.0
Chloroethane	<2.0	1,1,2,2-Tetrachloroethane	<1.0
2-Chloroethylvinyl Ether	<1.0	Tetrachloroethene	<1.0
Chloroform	<1.0	1,1,1-Trichloroethane	<1.0
Chloromethane	<20.0	1,1,2-Trichloroethane	<1.0
Dibromochloromethane	<1.0	Trichloroethene	<1.0
1,1-Dichloroethane	<1.0	Trichlorofluoromethane	<1.0
1,2-Dichloroethane	<1.0	Vinyl Chloride	<2.0
1,1-Dichloroethene	<1.0		

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088026	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV13-1.5'SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane	<2.0	trans-1,2-Dichloroethene	<1.0
Bromodichloromethane	<1.0	1,2-Dichloropropane	<1.0
Bromoform	<1.0	cis-1,3-Dichloropropene	<1.0
Carbon Tetrachloride	<1.0	trans-1,3-Dichloropropene	<1.0
Chlorobenzene	<1.0	Methylene Chloride	<1.0
Chloroethane	<2.0	1,1,2,2-Tetrachloroethane	<1.0
2-Chloroethylvinyl Ether	<1.0	Tetrachloroethene	<1.0
Chloroform	<1.0	1,1,1-Trichloroethane	<1.0
Chloromethane	<20.0	1,1,2-Trichloroethane	<1.0
Dibromochloromethane	<1.0	Trichloroethene	<1.0
1,1-Dichloroethane	<1.0	Trichlorofluoromethane	<1.0
1,2-Dichloroethane	<1.0	Vinyl Chloride	<2.0
1,1-Dichloroethene	<1.0		

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
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Sample Number	Sample Description
F088027	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV14-1.5'SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088028	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV15-1.5'SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088029	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV16-1.5'SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088030	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV17-1.5'SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088031	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV18-1.5'SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane.....<2.0	trans-1,2-Dichloroethene..<1.0
Bromodichloromethane.....<1.0	1,2-Dichloropropane.....<1.0
Bromoform.....<1.0	cis-1,3-Dichloropropene...<1.0
Carbon Tetrachloride.....<1.0	trans-1,3-Dichloropropene.<1.0
Chlorobenzene.....<1.0	Methylene Chloride.....<1.0
Chloroethane.....<2.0	1,1,2,2-Tetrachloroethane.<1.0
2-Chloroethylvinyl Ether...<1.0	Tetrachloroethene.....<1.0
Chloroform.....<1.0	1,1,1-Trichloroethane.....<1.0
Chloromethane.....<20.0	1,1,2-Trichloroethane.....<1.0
Dibromochloromethane.....<1.0	Trichloroethene.....<1.0
1,1-Dichloroethane.....<1.0	Trichlorofluoromethane....<1.0
1,2-Dichloroethane.....<1.0	Vinyl Chloride.....<2.0
1,1-Dichloroethene.....<1.0	

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088032	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV19-3' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane	<2.0	trans-1,2-Dichloroethene	<1.0
Bromodichloromethane	<1.0	1,2-Dichloropropane	<1.0
Bromoform	<1.0	cis-1,3-Dichloropropene	<1.0
Carbon Tetrachloride	<1.0	trans-1,3-Dichloropropene	<1.0
Chlorobenzene	<1.0	Methylene Chloride	<1.0
Chloroethane	<2.0	1,1,2,2-Tetrachloroethane	<1.0
2-Chloroethylvinyl Ether	<1.0	Tetrachloroethene	<1.0
Chloroform	<1.0	1,1,1-Trichloroethane	<1.0
Chloromethane	<20.0	1,1,2-Trichloroethane	<1.0
Dibromochloromethane	<1.0	Trichloroethene	<1.0
1,1-Dichloroethane	<1.0	Trichlorofluoromethane	<1.0
1,2-Dichloroethane	<1.0	Vinyl Chloride	<2.0
1,1-Dichloroethene	<1.0		

Note: Analysis was performed using EPA methods 5030 and 8010

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Date Sampled: 08-04-98
Date Received: 08-04-98
Date Analyzed: 08-04-98

Sample Number	Sample Description
F088033	Proj. # CA 268-2 2853 Mandela Pkwy. Oakland, CA SV20-3' SOIL VAPOR

PRIORITY POLLUTANTS
VOLATILE ORGANIC COMPOUNDS
results in ug/l

Bromomethane	<2.0	trans-1,2-Dichloroethene	<1.0
Bromodichloromethane	<1.0	1,2-Dichloropropane	<1.0
Bromoform	<1.0	cis-1,3-Dichloropropene	<1.0
Carbon Tetrachloride	<1.0	trans-1,3-Dichloropropene	<1.0
Chlorobenzene	<1.0	Methylene Chloride	<1.0
Chloroethane	<2.0	1,1,2,2-Tetrachloroethane	<1.0
2-Chloroethylvinyl Ether	<1.0	Tetrachloroethene	<1.0
Chloroform	<1.0	1,1,1-Trichloroethane	<1.0
Chloromethane	<20.0	1,1,2-Trichloroethane	<1.0
Dibromochloromethane	<1.0	Trichloroethene	<1.0
1,1-Dichloroethane	<1.0	Trichlorofluoromethane	<1.0
1,2-Dichloroethane	<1.0	Vinyl Chloride	<2.0
1,1-Dichloroethene	<1.0		

Note: Analysis was performed using EPA methods 5030 and 8010

MOBILE CHEM LABS, INC.

Ronald G. Evans
Lab Director

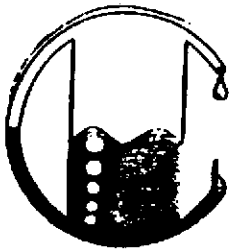
Project No: CA 268-2

Site Name/Location: 2853 MANDELA PKWY Oakland

Consultant Name: CERES Assoc.

Address:

Sampler Name:



MOBILE CHEM LABS, INC.
1678 RELIEZ VALLEY RD.
LAFAYETTE, CA 94549
(510) 945-1266
(510) 943-6884 fax

SAMPLE ID NUMBER	DATE	TIME	LAB ID#	SAMPLE PRESERVATION			MATRIX			# of Cont.	GRAB/COMP	TPH-G/BTEX	TPH-D	TOG(5520)	TXPH(418.1)	8010/601	8080/608	8240/624	CAM 17 met.	8270/625
				HCL	HNO_3	ICE	SOIL	WATER	AIR											
SB1- 10'	8/3/98	0745					X			1	G	X				X				
SB2- 5'		0810					X			1	G	X				X				
SB2 - 11'		0816					X			1	G	X				X				
SB3 - 5'		0835					X			1	G	X				X				
SB3 - 10'		0840					X			1	G	X				X				
SB1 - 5'		0855					X			1	G	X				X				
SB4 - 5'		0925					X			1	G	X				X				
SB4 - 11'		0935					X			1	G	X				X				
SB4 - 15'		0950					X			1	G	X				X				
SB5 - 5'		1010					X			1	G	X				X				
SB5 - 10'		1015					X			1	G	X				X				
SB6 - 5'		1105					X			1	G	X				X				
SB7 - 5'		1130					X			1	G	X				X				

Relinquished By: [signature]

Date/Time: 1200 8/3/98

Received By: Fred Chaka

Relinquished By:

Date/Time

Received By:

Comments:

Turn Around

Project No.	Site Name/Location
CA-268-2	2853 MANDELA PKWY OAKLAND

Consultant Name: CERES Assoc. Sampler Name:

Address:

MOBILE CHEM LABS, INC.
1678 RELIEZ VALLEY RD.
LAFAYETTE, CA 94549
(510) 945-1266
(510) 943-6884 fax

SAMPLE ID NUMBER	DATE	TIME	LAB ID#	SAMPLE PRESERVATION			MATRIX			# of Cont.	GRAB/COMP	TPH-G/BTEX	TPH-D	TOG(5520)	TPH(418.1)	8010/601	8080/608	8240/624	CAM 17 met.	8270/625
				HCL	HNO_3	ICE	SOIL	WATER	AIR											
SV1 - 3'	8/4/98	0740							X	1	G	X				X				
SV2 - 1'		0816							X	1	G	X				X				
SV3 - 1.5		0830							X	1	G	X				X				
SV4 - 1.5		0845							X	1	G	X				X				
SV5 - 1.5		0910							X	1	G	X				X				
SV6 - 1.5		0920							X	1	G	X				X				
SV7 - 1.5		0940							X	1	G	X				X				
SV8 - 1.5		1000							X	1	G	X				X				
SV9 - 1.5		1010							X	1	G	X				X				
SV10 - 1.5		1025							X	1	G	X				X				
SV11 - 1.5		1045							X	1	G	X				X				
SV12 - 1.5		1100							X	1	G	X				X				
SV13 - 1.5		1115							X	1	G	X				X				
SV14 - 1.5		1150							X	1	G	X				X				
SV15 - 1.5		1205							X	1	G	X				X				
SV16 - 1.5		1226							X	1	G	X				X				

Relinquished By: [signature] Date/Time: 8/4/98 15:46 Received By: [signature]

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Comments: 1 of 2

Turn Around

Project No.: CA-268-2

Site Name/Location: 2853 MANDELA PKWY OAKLAND

Consultant Name: CERES Assoc.

Sampler Name:

Address:

MOBILE CHEM LABS, INC.
1678 RELIEZ VALLEY RD.
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(510) 943-6884 fax

SAMPLE ID NUMBER	DATE	TIME	LAB ID#	SAMPLE PRESERVATION			MATRIX			# of Cont.	GRAB/COMP	TPH-G/BTEX	TPH-D	TOG(5520)	TPH(418.1)	8010/601	8080/608	8240/624	CAM 17 met.	8270/625				
				HCL	HNO_3	ICE	SOIL	WATER	AIR															
SV 17-1.5	8/4/98	1240							X	1	6	X				X								
SV 18-1.5	↓	1250							X	1	6	X				X								
SV 19-3.0		1340							X	1	6	X				X								
SV 20-3.0	↓	1345							X	1	6	X				X								

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Relinquished By: Date/Time Received By:

Comments: 2 of 2

Turn Around

Project No: CA-268-2

Site Name/Location: 2853 MANDELA PKWY OAKLAND

Consultant Name: CERES ASSOC.

Sampler Name:

Address:

MOBILE CHEM LABS, INC.
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(510) 945-1266
(510) 943-6884 fax

SAMPLE ID NUMBER	DATE	TIME	LAB ID#	SAMPLE PRESERVATION			MATRIX			# of Cont.	GRAB/COMP	TPH-G/BTEX	TPH-D	TOG(5520)	TRPH(418.1)	8010/601	8080/608	8240/624	CAM 17 met.	8270/625					
				HCl	HNO_3	ICE	SOIL	WATER	AIR																
SB 1	8/4/98	1500						X		2	G	X				X									
SB 6		1510						X		2	G	X				X									
SB 7		1515						X		2	G	X				X									
SB 5		1520						X		2	G	X				X									
SB 4		1525						X		2	G	X				X									
SB 2	↓	1530						X		2	G	X				X									

Relinquished By: [signature] Date/Time: 8/4/98 15:40 Received By: [signature]

Relinquished By: Date/Time: Received By:

Comments:

Turn Around

PAGE STREET PROPERTIES, LLC

Three Embarcadero Center, Suite 1150
San Francisco, CA 94111
Ph: (415) 398-2266
Fax: (415) 398-2272
E-Mail: pagestr@aol.com

October 6, 1998

Mr. Leroy Griffin
Office of Emergency Services
City of Oakland Fire Department
505 14th Street, #510
Oakland, CA 94612

RE: Request for Remediation Plan at 2855 Mandela Parkway, Oakland, CA

Dear Mr. Griffin:

We recently purchased 2855 Mandela Parkway, Oakland, a 142,000 square foot industrial building. We would like to ask your assistance in preparing a remediation plan for the site which, in an isolated area, has high levels of gasoline-related contamination and free product on the shallow water table.

We have a financing requirement that a remediation plan be approved by December 9, 1998 so that we may refinance the loan due December 17, 1998. We have a takeout lender prepared to refinance upon receipt of an approved remediation plan. We are a bit behind schedule due to the change in agency jurisdiction. Therefore, I would like to request that you review the enclosed materials at your earliest convenience and that you would meet with us the week of October 12, 1998. The enclosed materials are:

1. September 2, 1998 letter from John Love, CERES Associates regarding proposed testing plan.
2. September 1, 1998 Phase II Subsurface Investigation Report, CERES Associates
3. July 16, 1992 Subsurface Soil Investigation, ATEC Environmental Consultants
4. August 13, 1991, Underground Storage Tank Removal Report, Harding Lawson Associates
5. September 25, 1990, Phase I Preliminary Hazardous Materials Site Assessment, Harding Lawson Associates

The lead consultant will be:

John Love, Registered Geologist
CERES Associates
5040 Commercial Circle, Suite F
Concord, CA 94520
ph: (925) 825-4466 fax: (925) 825-4441

As the prior owner (Cypress Property) took back a large note, the prior owner's consultant, Glenn Leong, of SOMA Corporation, may also attend meetings.

griffin

Site History

It is unclear when the building was constructed but we think around 1930-1940. The site has always had industrial uses, some of which included the use of underground gasoline storage tanks.

In 1991, two leaking underground storage tanks were removed but there was no closure letter issued from any agency. During the purchase due diligence, we commissioned a Phase II investigation (report date: September 1, 1998). The results showed high levels of contamination and free product near the location of the removed tanks. The attached figure shows the results of the testing and the free product found at SB-3. The soil vapor samples taken from other places on the site, including inside the building, did not indicate other significant problems.

We would like to proceed with remedial activities for the site. CERES Associates, in its September 2, 1998 letter, suggests the following approach:

(1) Conduct an in-depth aerial photograph review to determine if other unknown USTs may be contributing to the on-site contamination.
(2) Install 6 additional soil borings to evaluate the lateral extent of the contamination. CERES suggests the additional borings be located as shown on the attached figure.
(3) Based on the results of (1) and (2), develop a remediation plan which would include removing the free product at SB-3 and installing monitoring wells.

Request

We would like to request a meeting during the week of October 12 to review our draft plan for additional testing.

John Love will call you in a few days to schedule a meeting. If you have any questions on the information presented here, please contact him.

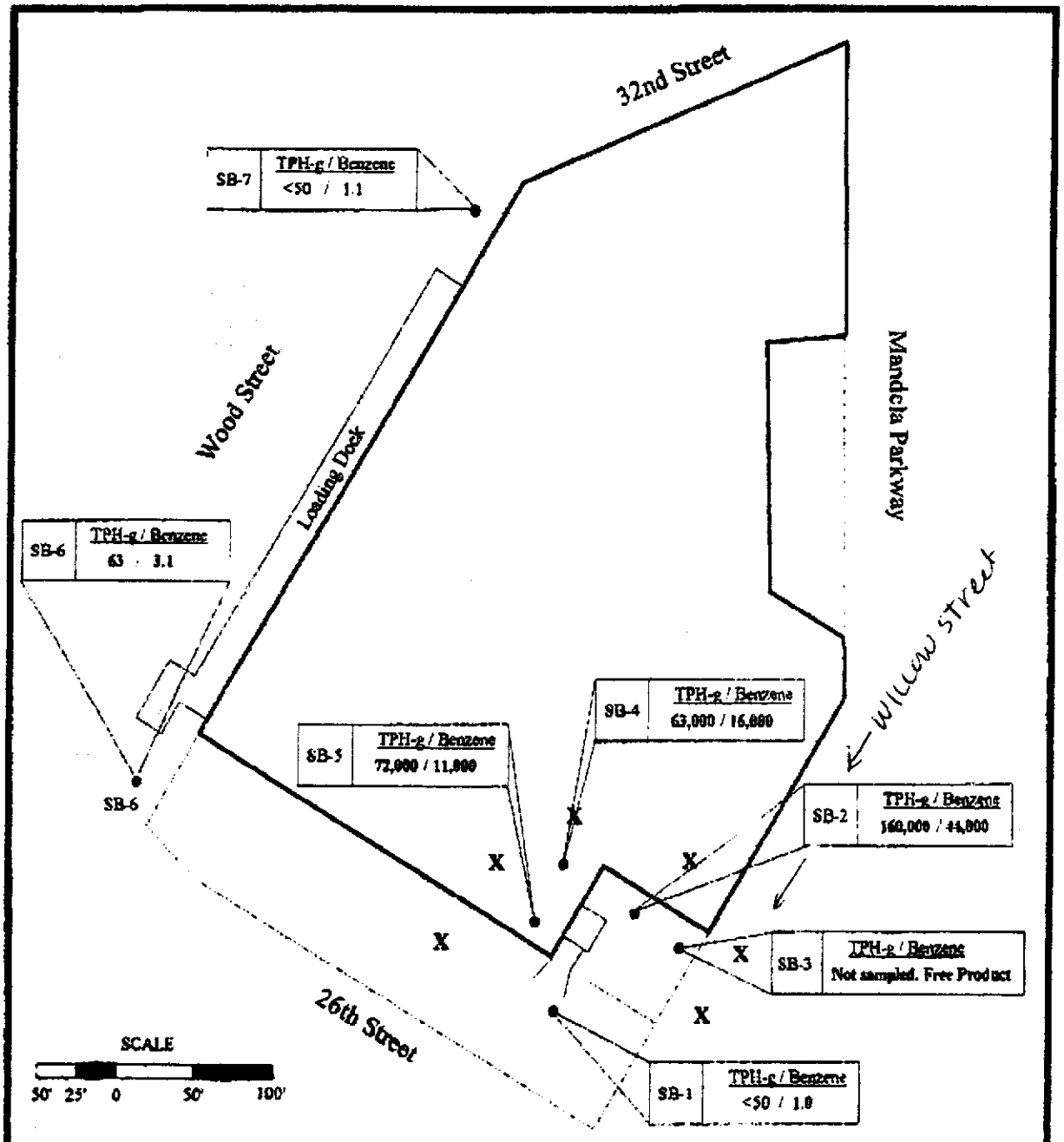
Thank you for your assistance. I look forward to working with you.

Regards,

Faye Beverett
for 2855 Mandela Property

cc: John Love with 9/2 letter only
Glenn Leong with 9/2 letter only
Dan Nourse, Cypress Property with 9/2 letter only

griffin



Commercial Property
2855 Mandela Parkway
Oakland, California

Project CA268-1

CERES Associates

Soil boring sample location and grab groundwater sample results (ppb)

Property building outline

X Proposed Soil Boring Location

N

Proposed Soil Boring Locations
and Grab Grand Water Sample Results

CERES Associates

5040 Commercial Circle, Suite F
Concord, CA 94520
(510) 825-4466 / fax (510) 825-4441

September 2, 1998

Faye Beverette
Page Street Properties
Three Embarcadero Center, Suite 1150
San Francisco, CA 94111

RE: 2853-2863 Mandela Parkway, Oakland, CA

Dear Faye:

Please find enclosed three copies of the Phase II Soil and Groundwater Sampling report for the commercial property located at 2853-2863 Mandela Parkway in Oakland (Property).

As you know, results of the investigation indicate that high contaminant concentrations are present in soil and groundwater beneath the south portion of the Property near the former underground storage tanks (USTs), and free product is present on the water table surface east of the former USTs. As such, additional investigation will be necessary to fully characterize the extent of the release before the appropriate remediation alternative is employed and the contamination issue at the Property is resolved.

We recommend that you report the findings of this investigation to the Alameda County Health Care Services Agency (HCSA). We also suggest that you make copies of the tank removal report and subsurface investigations conducted by Harding Lawson and ATEC in 1991 and 1992, respectively, and submit them as well if the HCSA does not already have copies of these documents on file.

It is CERES' opinion that the following scope of work will be necessary to further evaluate the lateral extent of petroleum contamination beneath the south portion of the Property:

- Conduct an in-depth aerial photograph review of the Property and surrounding area at Pacific Aerial Surveys in Oakland.

  Aerial photographs should be reviewed for the purpose of identifying whether other unknown USTs may be contributing to the subsurface contamination identified east of the former known UST locations. Groundwater flow direction data and free product found east of the former USTs in the upgradient groundwater flow direction suggests that another source may be contributing the soil and groundwater contamination in this area.

- Install six (6) additional soil borings to evaluate the lateral extent of soil and groundwater contamination around the former USTs. Two borings should be placed east of SB-3 in Willow Street (see figures in report). One soil boring should be placed northeast of the former UST excavation inside the portion of the building now occupied by Joinery Structures.

Two borings should be positioned northwest and west of the excavation inside the building occupied by Poser Envelopes, and one additional soil boring should be placed west of the former tanks near SV-6 (see figures in report). Soil and groundwater sample results collected from SB-1 during the recent subsurface investigation indicate that contaminant migration south of the former UST is adequately defined in this direction.

Information obtained from the above recommended scope of work will be useful in assessing potential future monitor well locations, as well as potential remediation options. The HCSA and Regional Water Quality Control Board will likely require that the free product observed at SB-3 be removed from the ground and monitor wells be installed to confirm that contaminant concentrations are decreasing beneath the Property with time. The free product reported on the groundwater surface at SB-3 can probably be removed with a passive skimmer installed in a groundwater well constructed in this area if the total volume of free product is limited, and another source of contamination is not present.

If you have any questions, please give me a call at (925) 825-4466.

Sincerely,

CERES Associates

John Love, RG
Project Geologist