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**SITE MANAGEMENT PLAN  
THE COLONY DEVELOPMENT  
311 SECOND STREET  
Oakland, California**

**The 311 Company, LLC  
Oakland, California**

**14 May 2007  
Project No. 4568.02**

14 May 2007  
Project 4568.02

Mr. Barney Chan  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, CA 94502

Subject: Site Management Plan  
The Colony Development  
311 Second Street  
Oakland, California

Dear Mr. Chan:

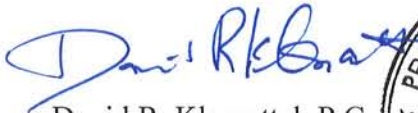
On behalf of The 311 Company, LLC, Treadwell & Rollo has submitted the enclosed Site Management Plan (SMP) for your approval. The 311 Company, LLC plans on redeveloping the warehouse building located at 311 Second Street in Oakland, California (Site) into an eight-story residential building over two levels of above-grade parking. Chemically-affected groundwater has previously been identified at the Site. This SMP includes a summary of previous environmental investigations and provides risk-based corrective actions (RBCAs) for redevelopment of the Site. It specifically includes mitigative measures that would be implemented both during and after redevelopment to eliminate the exposure of construction workers, the public, and future residents to chemically-affected soil and groundwater at the Site. We declare, under penalty of perjury, that the information and/or recommendations contained in the attached document is true and correct to the best of our knowledge.

In 2006, The 311 Company, LLC purchased the Site from the Olson Company. The Olson Company was previously in discussion with you regarding possible redevelopment of the Site into residential-use. It is our understanding that an agreement had been made with The Olson Company that would allow for residual chemicals to remain beneath the proposed redevelopment, provided that mitigative controls were installed and a deed restriction limiting activities at the Site were put in place. The 311 Company, who also plans on redeveloping the Site into residential-use, would like to retain the agreement you made with the Olson Company regarding leaving residual contaminants in soil and groundwater at the Site and implementing a deed restriction for the Site.

14 May 2007  
Mr. Barney Chan  
Alameda County Health Care Services Agency  
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Please review the attached SMP and let us know if the recommendations are acceptable for approval. If you have any questions, please contact us at (510) 874-4500.

Sincerely,  
TREADWELL & ROLLO, INC.



David R. Kleesattel, P.G.  
Senior Geologist



Glenn M. Leong, R.E.A.  
Senior Associate Scientist

45680201.OAK

cc: Mr. Ken Defiebre, KSD Group, LLC  
Mr. Mike Reynolds, The 311 Company, LLC

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**SITE MANAGEMENT PLAN  
THE COLONY DEVELOPMENT  
311 SECOND STREET  
Oakland, California**

## **1.0 INTRODUCTION**

This Site Management Plan (SMP) has been prepared by Treadwell & Rollo Inc. (Treadwell & Rollo) on behalf of The 311 Company, LLC for use during the redevelopment of the property located at 311 Second Street in Oakland, California (Site) (Figures 1 and 2). The SMP is intended to fulfill the redevelopment requirements requested by the Alameda County Health Care Services Agency (ACHCSA) regarding chemical concentrations in soil and groundwater at the Site. To redevelop the Site, The 311 Company, LLC intends to demolish the existing tilt-up plumbing supply building and construct six level residential over two levels of above-grade parking.

### **1.1 Purpose and Scope**

The purpose of this SMP is to provide risk management measures to mitigate risks associated with the presence of lead, petroleum hydrocarbons, and volatile organic compounds (VOCs) in subsurface soil and groundwater underneath the Site to workers, Site users, and neighbors both during and after construction. The measures include procedures and protocols for the identification, handling, management, and disposal of hazardous materials encountered in Site soil and groundwater during redevelopment. The procedures and protocols are designed to facilitate compliance with applicable federal, state, and local laws and regulations regarding hazardous and industrial waste management.

### **1.2 Project Responsibilities and Points of Contact**

The 311 Group, LLC is responsible for implementation of the procedures and protocols outlined in this document. It is our understanding that The 311 Group, LLC has designated construction/management responsibilities to the KSD Group. The primary contact for the



KSD Group is Mr. Ken Defiebre. Treadwell & Rollo is providing environmental and geotechnical consulting services to The 311 Group, LLC.

## **1.3 Site Management Plan Organization**

The following sections include the site background, historical land use and past environmental investigations at the Site, a Tier 1 Risk Assessment, and Site management recommendations to be implemented during the redevelopment of the Site.

## **2.0 SITE BACKGROUND**

The following subsections describe Site location and characteristics, Site geology and hydrogeology, and development plans.

### **2.1 Site Location and Characteristics**

The Site is bound to the northwest by the showroom and offices of the Jack London Square Bath Gallery (130 Webster Street), a second office building (100 Webster Street), and an asphalt parking lot with Webster Street further to the north; to the northeast by Second Street with parking and offices further to the east; to the southeast by Harrison Street with parking and the Amtrak railroad station further to the south; and to the southwest by the Amtrak railway with Embarcadero Street and a parking lot further to the west (Figures 1 and 2). A building covers most of the Site with the exception of a thin asphalt paved strip along the southwestern edge of the Site. The building at the Site contains office space in the southeast corner of the building and storage on concrete flooring in the remaining parts of the building. Currently the building is vacant.

### **2.2 Site Geology and Hydrogeology**

The Site is located at an approximate elevation of 15 feet above mean sea level (msl) and is regionally located in the California Coast Range Geomorphic Province characterized by northwest-southwest trending mountains and faults (Secor, 2005b). The topography at the Site is

flat with a slight dip toward the Oakland Inner Harbor (approximately 700 feet to the southwest). The Oakland Inner Harbor is connected to the San Francisco Bay and is tidally influenced. Based on previous investigations, the geology at the Site consists of approximately 1 to 1.5 feet of concrete (or 0.5 to 1.0 feet of asphalt on the western edge of the Site) over sand with silt to a maximum observed depth of 12 feet below ground surface (bgs) (Secor, 2005b). Groundwater is generally 7 feet bgs with groundwater flow to the southwest.

### **2.3 Development Plans**

The development plans for the Site include removal of a 1,000-gallon, closed-in-place, concrete-filled underground storage tank (UST), excavation of soil as necessary for the foundation design and sub-grade utilities, and the construction of six levels of residential over two levels of above-grade parking. The redevelopment will cover the entire footprint of the Site. With the exception of raised beds for landscaping, no exposed soil is anticipated for the development.

### **3.0 HISTORICAL SITE USE AND ENVIRONMENTAL INVESTIGATIONS**

Information from the following environmental reports was used to develop the history of the Site:

- Blymyer Engineers, Inc. (Blymyer, 1993a), *Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report, Meyer Plumbing Supply, 311 Second Street, Oakland, CA 94607*; Letter to the County of Alameda. Dated 6 October 1993.
- Blymyer Engineers, Inc. (Blymyer, 1993b), *Underground Storage Tank Closure Assessment, Meyer Plumbing Supply, 311 Second Street, Oakland, CA 94607*; Letter report to Meyer Plumbing Supply. Dated 1 November 1993.
- AllPro Environmental Corporation (AllPro, 1996), *Soil and Groundwater Investigation Report, Meyer Plumbing Supply Facility, 311 Second Street, Oakland, California*; Letter report to Alameda County Environmental Protection Division. Dated 5 April 1996.
- Secor International, Inc. (Secor, 2005a), *Phase I Environmental Site Assessment, 311 2<sup>nd</sup> Street, Oakland, California*. Dated 22 April 2005.
- Secor International, Inc. (Secor, 2005b), *Phase II Environmental Site Assessment Report, 311 2<sup>nd</sup> Street, Oakland, California*. Dated 18 May 2005.

- Secor International, Inc. (Secor, 2006), *Additional Phase II Environmental Site Assessment Report, 311 2<sup>nd</sup> Street, Oakland, California*. Dated 7 June 2006.

Copies of these documents are provided in Appendix A. Figure 2 displays the location of past soil and groundwater samples. Tables 1 through 4 summarize the analytical results for soil and groundwater samples collected at the Site. Information from the above reports has been included, as appropriate, to develop the history of the Site and form the basis for the Site management activities.

### **3.1 Historical Use of the Site**

A small commercial building occupied the Site from approximately 1939 until sometime before 1959. Sanborn Fire Insurance Maps revealed that the small commercial structure was operated as a steel fabricating and welding shop from approximately 1950 to 1957. The present day warehouse building has existed at the Site since at least 1965 (Secor, 1995a).

According to a letter from George Meyer (a former owner of the Site) to the County of Alameda dated 14 September 1993, the Site was vacant from 1976 to 1978. Mr. Meyer indicated that he had purchased the Site in May 1978 and that a buried UST existed at the Site. The UST had a storage capacity of 1,000-gallons and was installed along the southeastern corner of the Site outside of the present day warehouse building. Prior to 1976, the UST was filled with concrete (Blymyer, 1993). The letter from Mr. Meyers indicated:

“The buried gas tank in question on the property had been sealed before I took possession of 311 Second Street. I cannot confirm actual tank sealing date, nor can I confirm if the gas tank had ever been used by the previous owner. I never opened the tank, unsealed the tank, nor ever used the tank during my ownership. I sold the property, 311 Second Street to Mr. Ray Weymouth and Mr. Edward Myall (on) June 13, 1986.” (Meyers, 1993).

### **3.1.1 1993 Underground Storage Tank Closure Assessment**

A closure assessment for the 1,000-gallon UST was performed at the Site on 15 September 1993 by Blymyer Engineers, Inc. (Blymyer, 1993). Two angled soil borings (SB-1 and SB-2) were advanced under the UST (Figure 2). Soil samples were collected at depths of 5.5-6.0 feet (in SB-1) and 7.0-7.5 feet bgs (in SB-2) and a grab groundwater sample was collected in boring SB-2. Soil and groundwater samples were analyzed for total petroleum hydrocarbons (TPH) quantified as gasoline (TPH-g), TPH quantified as diesel fuel (TPH-d), benzene, toluene, ethylbenzene, total xylenes (BTEX), and total lead. Laboratory analytical results are summarized on Tables 1 through 4.

TPH-g was detected in soil at concentrations of 34 milligrams per kilogram (mg/kg) in SB-2 and was not detected above laboratory detection limits in soil from SB-1 (Figure 3). TPH-d was detected in soil at concentrations of 4.2 mg/kg in SB-1 and 15,000 mg/kg in SB-2 (Figure 3). Xylenes were detected in soil from SB-1 at 0.0090 mg/kg; benzene, toluene, and ethylbenzene were not detected above laboratory detection limits in soil from SB-1. Ethylbenzene was detected in soil from SB-2 at 0.65 mg/kg, and xylenes at 0.82 mg/kg; benzene and toluene were not detected above laboratory detection limits in soil from SB-2. Total lead was detected in soil at concentrations of 71 mg/kg in SB-1 and 84 mg/kg in SB-2 (Figure 4).

Groundwater from boring SB-2 had concentrations of TPH-g at 85 micrograms per liter ( $\mu\text{g/L}$ ), TPH-d at 5,500  $\mu\text{g/L}$ , benzene at 2.7  $\mu\text{g/L}$ , toluene at 0.66  $\mu\text{g/L}$ , and xylenes at 0.51  $\mu\text{g/L}$ ; ethylbenzene was not detected above laboratory detection limits in groundwater from SB-2. The ACHCSA reviewed these results and indicated that further investigation would be necessary to vertically and laterally delineate the detected contamination before case closure for the UST could be granted (Blymyer, 1993).

### **3.1.2 1996 Additional Soil and Groundwater Investigation to Pursue Tank Closure**

To further investigate the vertical and lateral extent of contamination around the 1000-gallon UST, Meyer Plumbing contracted AllPro Environmental Corporation (AllPro) to perform a soil

and groundwater investigation at the Site in March 1996. Four borings were placed down-gradient (borings B3 and B4), cross-gradient (boring B5), and up-gradient (boring B6) of the 1,000-gallon UST (Figure 2). Soil samples were collected from each boring at 4.5 feet bgs and analyzed for TPH-g, TPH-d, BTEX, MTBE, and total lead. Laboratory analytical results are summarized on Tables 1 through 4.

TPH-d was detected in soil from boring B6 at a concentration of 16 mg/kg; TPH-g, TPH-d, BTEX, and MTBE were not detected above laboratory detection limits in all other soil samples (Figure 3). Lead was detected in soil samples B3 at 58 mg/kg, B4 at 310 mg/kg, B5 at 9.3 mg/kg, and B6 at 23 mg/kg (Figure 4).

TPH-g, TPH-d, BTEX, and MTBE were not detected above laboratory detection limits in any groundwater samples. Lead was detected in groundwater in borings B3 at 49 µg/L, B4 at 1,700 µg/L, B5 at 680 µg/L, and B6 at 490 µg/L. Although lead was detected in groundwater, the chain of custody indicated that the water samples were preserved in nitric acid before being filtered. Groundwater samples are typically filtered before being preserved to remove sediment that may contain metal colloids that are adsorbed on grain surfaces. If groundwater samples are preserved before being filtered, non-soluble metals such as lead may become soluble in nitric acid and can be incorrectly interpreted as dissolved lead in groundwater. Such appears to be the case for groundwater samples collected during this investigation, as the laboratory report revealed that the water samples from B5 and B6 contained sediment in excess of two percent by volume. Appendix A includes the chain of custody and laboratory report for the subject investigation.

### **3.1.3 “No Further Action” Letter Granted for the 1000-gallon UST at the Site**

Based on the results of the AllPro’s 1996 soil and groundwater investigation, the ACHCSA issued a “Remedial Action Completion Certificate” or “no further action” letter dated 18 June 1996 for the concrete-filled 1000-gallon UST at the Site. The letter indicated that the “absence of hydrocarbons along with the presence of total lead in soil and groundwater indicate that the

lead is not due to the petroleum hydrocarbons. It is rather likely due to the history of uncontrolled filling activities in the region of Oakland in the late 1800's and early 1900s." The letter states any Site modifications such as a change in land-use may require a "re-evaluation of the chemical exposure pathways, receptor sensitivities (i.e., residential vs. commercial/ industrial), and other applicable criteria which may have been used to assess potential human health risk during the case closure process".

#### **3.1.4 2005 Phase I Environmental Site Assessment**

On 22 April 2005, Secor International, Inc. (Secor) prepared a Phase I Environmental Site Assessment (Phase I) at the Site for The Olson Company who initially proposed developing the Site into residential use (Secor 2005a). The Phase I indicated that residual concentrations of TPH-d and lead may remain in soil and concentrations of soluble lead may remain in groundwater at the Site. In addition, sources of off-Site contamination from numerous up-gradient locations east-northeast of the Site may have affected environmental conditions at the Site. Secor recommended performing an additional Phase II Environmental Site Assessment at the Site to further investigate soil and groundwater adjacent to the 1000-gallon UST at the Site, including the interior of the warehouse structure where the former fuel dispenser was located. This additional sampling would be used to evaluate if contaminant concentrations exist below regulatory guidelines and to evaluate requirements for possible soil or groundwater disposal during development. In addition, Secor recommended removal of the concrete-filled UST during redevelopment activities.

#### **3.1.5 2005 Phase II Environmental Site Assessment**

Secor performed a Phase II Environmental Site Assessment at the Site in May 2005 (Secor, 2005b). Secor proposed advancing 10 borings at the Site (named B-1 through B-10). These boring ID's (B-1 through B-10) should not to be confused with the borings ID's used during AllPro's 1996 investigation (B1 through B6).

Due to time constraints, only six of the 10 borings were completed at the Site. These include borings B-1 through B-4 to a maximum depth of 12 feet bgs (around the 1000-gallon UST and fuel dispenser), B-6 to 12 feet bgs in the northeast corner of the Site (interior), and B-10 to 5 feet bgs in the southern central part of the warehouse (interior) in the vicinity of the former steel fabrication and weld shop. Soil samples were collected between 2 to 12.5 feet bgs and were analyzed for TPH-g, TPH-d, volatile organic compounds (VOCs), Title 22 Metals (a.k.a. CAM 17 Metals), total lead, soluble lead by the Waste Extraction Test (WET), and soluble lead by the Toxicity Characteristic Leaching Procedure (TCLP), as appropriate.

Results of Secor's Phase II investigation indicated:

- TPH-g was detected in soil from boring B-3 at 1.1 mg/kg from 5.0 to 5.5 feet bgs and at 160 mg/kg from 7.0 to 7.5 feet bgs. TPH-g was not detected in any other soil samples above laboratory detection limits.
- TPH-d was detected in soil from borings B-1 at 5.0 to 5.5 feet (44 mg/kg), B-1 at 10 to 10.5 feet bgs (6.0 mg/kg), B-2 at 6.0 to 6.5 feet bgs (39 mg/kg), and from boring B-3 at 7.0 to 7.5 feet bgs (390 mg/kg). TPH-d was not detected in any other soil samples above laboratory detection limits.
- Various low concentrations of VOCs were detected in soil from borings B-1 at 5.0 to 5.5 feet bgs, B-3 at 5 to 5.5 feet bgs, B-3 at 7 to 7.5 feet bgs, B-3 at 12 to 12.5 feet bgs, and B-6 at 12 to 12.5 feet bgs. Secor indicated that concentrations of VOCs in soil were generally below the US EPA Preliminary Remediation Goals (PRGs). Secor indicated that the low concentrations of VOCs are related to the petroleum hydrocarbon contamination in soil at the Site.
- Total lead was detected in all soil samples ranging from 1.9 mg/kg to 1,200 mg/kg. Soil sample B-4 from 5 to 5.5 feet bgs had a total lead concentration of 1,200 mg/kg which exceeds the California Total Threshold Limit Concentration (TTLC) of 1,000 mg/kg. If excavated, the soil sample from this soil sample would qualify as a California Hazardous

Waste. The soil sample from boring B-4 at 5 to 5.5 feet bgs was also tested for soluble lead by the TCLP to determine if this soil would qualify as a Federal Hazardous Waste. Soluble lead by the TCLP in soil was detected at 1.2 milligrams per liter (mg/L), which is below the Soluble Threshold Limit Concentration (STLC) criteria of 5 mg/L. Therefore, if excavated, soil from boring B-4 from 5 to 5.5 feet bgs would not be considered a Federal Hazardous Waste.

The concentration of total lead in soil may be below the TTLC and still be considered a California Hazardous Waste if the soil sample is analyzed by the WET and soluble lead is detected at concentrations which exceed the lead STLC of 5 mg/L. Soil samples with previously detected total lead concentrations that exceeded 50 mg/kg were also analyzed for soluble lead by the WET. Soluble lead by the WET that exceeded the lead STLC of 5 mg/L was encountered in boring B-1 at 5 feet bgs (6.1 mg/L), B-3 at 2 feet bgs (7.8 mg/L), B-4 at 5 feet bgs (25 mg/L), and B-10 at 2 feet bgs (19 mg/L). If excavated, soil from these samples would qualify as a California Hazardous Waste.

- With the exception of lead, all other metals detected in soil were within the range of background conditions.
- TPH-g was detected in groundwater from boring B-3 at a concentration of 5,300 µg/L. TPH-g was not detected above laboratory detection limits in any other analyzed groundwater samples.
- TPH-d was detected in groundwater from boring B-1 at 11,000 µg/L, B-3 at 200 µg/L, and B-6 at 8,100 µg/L. TPH-d was not detected above laboratory detection limits in any other analyzed groundwater samples.
- VOCs were only detected in groundwater from borings B-3 and B-6. VOCs detected in groundwater from boring B-3 include benzene at 15 µg/L and other organic compounds related to gasoline and diesel fuel at various concentrations (i.e., Naphthalene). In boring B-6, chlorinated solvents were detected in groundwater. These chlorinated solvents



include tetrachloroethene (PCE) at 8.2 µg/L, trichloroethene (TCE) at 1.5 µg/L, 1,2-Dichloroethane (1,2-DCA) at 1.0 µg/L, and cis-1,2-Dichloroethene (cis-1,2-DCE) at 0.7 µg/L.

Laboratory analytical results are also summarized on Tables 1 through 4.

### **3.1.6 Work Plan for Additional Phase II Environmental Site Assessment**

On 3 April 2006, Secor prepared a *Workplan to Conduct Additional Site Assessment* for the Site. On 24 April 2006, Mr. Barney Chan of the ACHCSA reviewed the work plan and provided the following technical comments:

1. ACHCSA concurred with the proposed identification of leaking UST sites in the proximity of the Site as part of determining if releases from nearby sites may be impacting this Site. This information was to be used to determine appropriate locations for the four (4) borings proposed up-gradient of the Site.
2. Lead analyses in soil would not require additional characterization. All excavated soil must be properly disposed. Any reuse of soil must meet Clean Imported Fill Material requirements required by the Department of Toxic Substances Control (DTSC, 2001). Identified lead contamination will be described and its presence noted in a Site map to be included in either a deed notice or deed restriction.
3. During the removal of the 1,000-gallon concrete-filled UST, soil and groundwater samples would be collected and analyzed by the Minimum Verification Analysis for Underground Tank Leaks used by Unidocs Member Agencies (Unidocs, 2006).

Based upon the proposed construction at the Site and with the condition that no exposed soil would be present on the ground floor (or if present, that it would meet shallow soil

residential standards), soil and groundwater will be removed around the UST to the following cleanup goals:

- TPH-d in soil: 500 mg/kg
- TPH-g in soil: 400 mg/kg
- TPH-d in groundwater: 2.5 mg/L
- TPH-g in groundwater: 5 mg/L.

Residual TPH may also be dealt with by a risk management plan (covered in this SMP).

### **3.1.7 2006 Additional Phase II Environmental Site Assessment**

In May 2006, Secor investigated possible off-Site contamination from the inferred up-gradient direction (east of the Site) (Secor, 2006). Four borings (SW-1 through SW-4) were drilled east of the Site along Second Street, and one boring was drilled in the southeast part of the Site (SW-5) (Figure 2). These five borings were advanced to approximately 10 feet bgs, and grab groundwater samples were collected. Laboratory analytical results are summarized on Tables 1 through 4. The following VOCs were detected in groundwater from SW-1 through SW-5:

- PCE in SW-1 at 24 µg/L, SW-2 at 11 µg/L, SW-3 at 18 µg/L, and SW-4 at 2.4 µg/L
- TCE in SW-1 at 1.3 µg/L, SW-2 at 22 µg/L, SW-3 at 130 µg/L, and SW-4 at 16 µg/L
- cis-1,2-DCE in SW-2 at 3.8 µg/L, SW-3 at 7.9 µg/L, and SW-4 at 5.3
- trans-1,2-Dichlorethene (trans-1,2-DCE) in SW-3 at 0.9 µg/L
- 1,2-DCA in SW-1 at 1.9 µg/L, SW-2 at 7.7 µg/L, SW-3 at 11 µg/L, and SW-4 at 5.0 µg/L
- Diisopropyl Ether (DIPE) in SW-2 at 5.4 µg/L, and SW-3 at 5.1 µg/L

- MTBE in SW-3 at 1.1 µg/L
- Groundwater in SW-5 was not detected above laboratory detection limits for all VOCs.

The chlorinated solvents detected in groundwater were attributed to an off-Site, up-gradient source located east of the Site. TPH-g, TPH-d, or TPH-mo were not detected above laboratory detection limits in these groundwater samples (SW-1 through SW-5).

#### **4.0 TIER 1 ENVIRONMENTAL RISK ASSESSMENT**

A Tier 1 Environmental Risk Assessment was developed to identify potential risks to human health and environmental resources associated with chemicals in soil and groundwater under the proposed land use. Included in this risk evaluation are the following subsections:

- Chemicals of Potential Concern
- Description of the exposure assessment methodology used in the risk evaluation, including the exposure setting and exposure pathways
- Risk Evaluation Criteria and Risk Evaluation Results
- Hazardous Waste Evaluation Criteria and Hazardous Waste Evaluation Results.

#### **4.1 Chemicals of Potential Concern**

Based on past use of the Site and information obtained from previous environmental investigations, the chemicals of potential concern (COPC) include:

- Total Petroleum Hydrocarbons
- Metals
- Volatile Organic Compounds.

The list of COPCs for soil and groundwater were first developed using any chemical that has been previously detected. Total petroleum hydrocarbons detected in soil are summarized on Table 1, volatile organic compounds in soil are summarized on Table 2, metals in soil are summarized on Table 3, and all groundwater analytical results are summarized on Table 4.

## **4.2 Exposure Assessment**

Exposure may occur when a person comes into contact with a chemical in the environment. The amount of exposure is dependent upon the amount of the chemical in a specific environmental medium (e.g., soil, groundwater, and/or air), and the frequency, duration and mode of contact with the chemical. The Site is in a highly-urbanized setting, with most of the surface covered with concrete or asphalt (Section 2.0). The Site is not adjacent to surface water or shoreline habitat. For these reasons, an evaluation of potential exposures and risks to terrestrial or ecological receptors is not applicable.

In general terms, receptors are representative types of potentially exposed populations. Each receptor is evaluated based upon hypothetical exposures developed from an assumed combination of Site conditions, potential population activity patterns, chemical properties, chemical distribution and concentrations, and exposure to the chemical(s). In formal terms, receptors are sets of assumptions that describe “what if” scenarios, but are not actual persons. The assumptions were intended to describe what EPA terms reasonable maximum exposure. Each receptor addresses several “what if” questions that are unlikely to all apply to a single individual. In this way, receptors provide a useful tool for addressing a number of issues at once; however, they do not reflect predictions of actual exposures to any one individual, but are considered conservative points of reference.

The COPCs include TPH, metals, and VOCs. For purposes of this risk evaluation, the residential and construction worker receptors were evaluated for potential exposure to chemicals in soil by the following exposure pathways:

- Incidental ingestion of soil
- Direct dermal contact with soil
- Inhalation of airborne particles as dust
- Inhalation of VOCs in indoor air from subsurface emissions (VOCs only) from soil
- Direct dermal contact with groundwater
- Inhalation of VOCs in indoor air from subsurface emissions (VOCs only) from groundwater.

The implementation of Site-specific health and safety protocols and engineering controls will preclude significant construction worker exposures. Figure 6 presents the potentially complete exposure pathways for the future resident and construction workers if mitigative are not implemented and if mitigative measures are implemented. The proposed development includes no uncovered soil, but this Tier 1 Risk Assessment hypothetically assumes that the soil will be uncovered to establish baseline scenarios.

The proposed future land use is for a residential development, and therefore the screening-level risk evaluation included an evaluation of potential exposure to a residential receptor. In addition, the risk evaluation included an evaluation of potential exposure to a construction worker receptor during redevelopment activities.

Of the remaining potential Site receptors, the residential receptor is the most sensitive receptor due to consideration of children exposures and the expected full-time theoretical exposure. The evaluation of a residential receptor is considered a conservative upper limit of potential exposure and risks for other potential receptors at the Site.

Domestic water in the area is, and will continue to be, supplied by the East Bay Municipal Utility District from off-Site sources. Consequently, the domestic use of groundwater at the Site was

not considered a complete exposure pathway. Because there is no domestic use of groundwater and there is no surface water present at the Site, no direct contact with groundwater is assumed.

### **4.3 Risk Evaluation Criteria**

The risk evaluation included a comparison between the maximum soil and groundwater concentrations and residential land use Environmental Screening Levels (ESLs).<sup>1</sup> The ESLs were developed by the San Francisco Bay Regional Water Quality Control Board based upon residential land use, with an objective of protection of human health. Based upon the results of the exposure assessment in Section 4.2 and assuming that no mitigative measures are implemented, the following ESLs were used in the risk evaluation:

- Soil Direct Exposure Screening Levels, Residential Exposure Scenario (ESL Table K-1)
- Soil Direct Exposure Screening Levels, Construction/Trench Worker Exposure Scenario (ESL Table K-3)
- Soil Screening Levels for Evaluation of Potential Vapor Intrusion Concerns (ESL Table E-1b)
- Groundwater Screening Levels in Shallow Soils, Groundwater is Not a Current or Potential Source of Drinking Water (ESL Table B)
- Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns (ESL Table E-1a).

The risk evaluation criteria for all COPCs are listed at the bottom of Tables 1 through 4.

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<sup>1</sup> California Regional Water Quality Control Board. 2005. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater.

The direct exposure screening levels for residential and construction/trench worker exposure scenarios (ESL Table K-1 and ESL Table K-3, respectively) were developed by the RWQCB by integrating exposure from incidental ingestion of soil, dermal contact with soil, and inhalation of fugitive dust emissions from soil. The soil and groundwater screening levels for potential vapor intrusion concerns (ESL Table E-1b and ESL Table E-1a, respectively) were developed by the RWQCB by using a computer program of the Johnson and Ettinger model (1991) to estimate indoor air concentrations via vapor intrusion into a theoretical building to evaluate inhalation exposures. The model assumes that the theoretical building has a slab-on-grade foundation and has high permeability vadose zone soils. The environmental screening levels for shallow soil where groundwater is not a current or potential source of drinking water are a summary of levels based upon various potential environmental concerns (Table B).

For metals in soil, the maximum concentration of each metal was compared to background levels of metals in soil (LBNL, 2002) to evaluate which metals are present at the Site at or below background levels. The representative background levels were generally arithmetic mean concentrations. Where an arithmetic mean was not developed, the next available value from a list of values was selected (a 95<sup>th</sup> percentile, 99<sup>th</sup> percentile, or median value). If the maximum concentration of a metal in soil did not exceed the background concentration, then the metal was not evaluated further. Tables 3 is a summary of the metals detected in soil, as well as the background data used for the metals evaluation.

Following the evaluation of background concentrations of metals, the maximum concentrations of chemicals in soil and groundwater were then used as representative chemical concentrations to evaluate potential human health risks. The use of the maximum concentration likely results in an overestimate of potential exposure and risk at the Site, but is consistent with the conservative approach incorporated into this risk evaluation.

The arsenic in soil screening level of 5.5 mg/kg was used in the residential risk evaluation. This value is based on the ESL criteria that consider human health risk concerns and background conditions of the region (Table B of RWQCB, 2005).

A soil lead screening level of 255 mg/kg was used in the residential risk evaluation. This value was the 2003 soil lead ESL for residential land use, and was based on DTSC's screening level for school sites (2001). The DTSC value of 255 mg/kg value was based on a residential exposure that assumes no consumption of homegrown produce cultivated in lead-affected soil. The soil lead ESL for residential land use was revised by the RWQCB in 2005 to 150 mg/kg, which is the Cal EPA Human Health Screening Level (2004) (based on a residential exposure that assumes consumption of homegrown produce cultivated in lead-affected soil). According to the RWQCB (2005), the 255 mg/kg soil lead level is appropriate for schools and high-density housing areas, which is consistent with the land use at the proposed development (i.e., no residential gardens for cultivation of produce). The lower value of 150 mg/kg is appropriate for potential exposures that assume the presence of single family homes. Therefore, the soil lead screening value of 255 mg/kg was used to evaluate potential residential exposures for the Site.

#### **4.4 Risk Evaluation Results**

The following sections present the soil direct-exposure risks for future residents, soil direct-exposure risks for construction workers during redevelopment activities, potential vapor intrusion risks from VOCs in soil, potential vapor intrusion risks from VOCs in groundwater, and the groundwater direct-exposure risks for construction workers and future residents.

##### **4.4.1 Soil Direct-Exposure ESL for Residential Exposure Scenario**

In soil, the following chemical concentrations exceeded the direct-exposure ESL for residential exposure scenario (ESL Table K-1):

- Naphthalene at 4.5 mg/kg (exceeding the ESL of 1.5 mg/kg) in soil from boring B-3 at 5.0 to 5.5 bgs.
- TPH-d at 15,000 mg/kg (exceeding the ESL of 400 mg/kg) in soil from SB-2 at 7.0 to 7.5 feet bgs.



- Arsenic ranging between 1.8 to 6.0 mg/kg (exceeding the ESL of 0.06 mg/kg) in all soil samples tested to a maximum depth of 5.5 feet bgs. Although arsenic concentrations are above the direct-exposure ESL for residential exposure scenario, the arsenic concentrations are generally within background concentrations (average arsenic background concentration of 5.5 mg/kg) and were generally within the arsenic ESL for unrestricted residential land-use in shallow soil (criteria of 5.5 mg/kg) (Table A of RWQCB, 2005).
- Barium at 110 mg/kg in boring B-3 at 2.0 to 2.5 feet bgs and at 130 mg/kg in boring B-10 at 2.0 to 2.5 feet bgs (both exceeding the ESL of 100 mg/kg). Although barium concentrations are above the direct-exposure ESL for residential exposure scenario, all detections are within background conditions (average barium background concentration of 130 mg/kg).
- Copper at 870 mg/kg (exceeding the ESL of 610 mg/kg) in boring B-10 at 2.0 to 2.5 feet bgs.
- Lead at 310 mg/kg in boring B4 at 4.0 to 4.5 feet bgs, 1,200 mg/kg in boring B-4 at 5.0 to 5.5 feet bgs, and 320 mg/kg in boring B-10 at 2.0 to 2.5 feet bgs. The ESL for lead is 255 mg/kg.

Because the above chemicals exceed their respective direct exposure ESL for residential land-use, direct exposure pathways exist for future residents if not mitigated (i.e., left uncovered and available for exposure). These direct exposure pathways will be precluded by the implementation of Site management activities which are discussed in Section 5.0.

#### **4.4.2 Soil Direct-Exposure ESL for Construction/Trench Worker Exposure Scenario**

In soil, the following chemical concentrations exceeded the direct-exposure ESL for construction/trench worker exposure scenario (ESL Table K-3):

- TPH-d at 15,000 mg/kg (exceeding the ESL of 750 mg/kg) in soil from SB-2 at 7.0 to 7.5 feet bgs.
- Arsenic ranging between 1.8 to 6.0 mg/kg (exceeding the ESL of 0.24 mg/kg) in all soil samples tested to a maximum depth of 5.5 feet bgs. Arsenic concentrations are generally within background concentrations.
- Lead at 1,200 mg/kg (exceeding the ESL of 750 mg/kg) in soil from boring B-4 at 5.0-5.5 feet bgs.

Because the above chemicals exceed their respective ESLs, direct exposure pathways exist for construction/trench workers if not mitigated. No VOCs were detected in soil at concentrations that exceed ESLs. Therefore, the only potential health risk exposure to construction/industrial workers would occur if mitigative measures were not implemented (i.e., no health and safety controls). These direct exposure pathways to the construction/trench workers will be precluded by the implementation of Site management activities which are discussed in Section 5.0.

#### **4.4.3 Soil Screening Levels for Evaluation of Potential Vapor Intrusion Concerns**

To evaluate if concentrations of VOCs in soil at the Site represents a potential vapor intrusion concern for the proposed building structure, detected soil concentrations were compared to chemical specific screening levels (where available) (ESL Table E-1b). Naphthalene was detected at 4.5 mg/kg in soil from boring B-3 at 5.0 to 5.5 feet bgs (exceeding the ESL of 0.46 mg/kg). VOCs in any other soil samples analyzed at the Site did not exceed their respective ESLs for potential vapor intrusion. Because the concentration of Naphthalene exceeded its respective ESL in soil from boring B-6 at 5.0 to 5.5 feet bgs, soil from this location represents a potential vapor intrusion concern if not mitigated. This exposure pathway will be precluded by the implementation of Site management activities which are discussed in Section 5.0.

#### **4.4.4 Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns**

To evaluate if concentrations of VOCs in groundwater at the Site represents a potential vapor intrusion concern for the proposed building structure, detected groundwater concentrations were compared to chemical specific screening levels (where available) (ESL Table E-1a). This comparison revealed that no detected concentrations in groundwater exceeded their respective ESLs for potential vapor intrusion. TPH, which exist at high concentrations in groundwater at the Site, however, could not be directly evaluated for potential vapor intrusion risks because they represent a blend of chemical compounds; ESLs are for individual chemicals. Instead of evaluating evaluate the potential vapor intrusion risks associated with TPH, we compared the individual VOC components of TPH (i.e. BTEX and MTBE) to chemical specific screening levels. All individual VOC components of TPH were below their respective ESLs for potential vapor intrusion concerns and therefore do not represent a health risk exposure pathway.

#### **4.4.5 Groundwater Screening Levels in Shallow Soils, Groundwater is Not a Current or Potential Source of Drinking Water**

In groundwater, the following chemical concentrations exceeded the groundwater screening level in shallow soils where groundwater is not a current or potential source of drinking water (Table B):

- TPH-g in groundwater from boring B-3 at 5,300  $\mu\text{g/L}$  (exceeding the ESL of 500  $\mu\text{g/L}$ )
- TPH-d in groundwater from boring SB-2 at 5,500  $\mu\text{g/L}$ , boring B-6 at 8,100  $\mu\text{g/L}$ , and boring B-1 at 11,000  $\mu\text{g/L}$  (exceeding the ESL of 640  $\mu\text{g/L}$ )
- Naphthalene in groundwater from boring B-3 at 460  $\mu\text{g/L}$  (exceeding the ESL of 24  $\mu\text{g/L}$ ).

TPH-g and TPH-d in groundwater from these locations represents a direct-exposure risk to construction workers during the redevelopment of the Site. Naphthalene in groundwater does

not represent a direct-exposure risk to construction workers, because the naphthalene ESL was based on the aquatic habitat goal (Table F-4a of RWQCB, 2005) and not on a direct-exposure scenario; the direct exposure risk of naphthalene in groundwater to construction workers has not been developed. During the redevelopment of the Site, groundwater may be encountered during possible excavation or grading activities or may be encountered during the installation of subsurface utilities. These potential risks will be precluded by the implementation of Site management activities which are discussed in Section 5.0.

All drinking water for future residents will be supplied from East Bay Municipal Utilities District, an off-Site source of water. Due to lack of habitat in a highly urbanized environment, no ecological risks were considered applicable.

#### **4.5 Hazardous Waste Evaluation Criteria**

Chemical concentrations of petroleum hydrocarbons, metals, and VOCs have been detected in soil at the Site. It is anticipated that limited soil will be excavated at the Site during redevelopment activities which may require off-Site disposal at a hazardous waste landfill. If soil is to be trenched in areas or depths previously not profiled (Figure 2), additional soil sampling may be warranted.

To determine if excavated soil at the Site qualifies as a hazardous waste, past chemical concentrations in soil (Tables 1-3) were compared to hazardous waste criteria in California Code of Regulations Title 22 (22 CCR), Section 66261.20 through .24 (22CCR66261.20-.24). Total metal concentrations in soil that exceed the Total Threshold Limit Concentration (TTLC) qualify as a California Hazardous Waste.

Total metal concentrations in soil may be less than the TTLC and still qualify as a California Hazardous waste if the soluble concentrations exceed the Soluble Threshold Limit Concentration (STLC). There are two ways to analyze soluble lead. Soluble lead is typically analyzed by the Waste Extraction Test (WET) when the total metal concentrations are ten times the STLC value. Soluble lead is generally analyzed by the Toxicity Characteristic Leaching Procedure (TCLP) when the total metal concentration exceeds 20 times the Regulatory Level (RL) value. When the

soluble metal concentrations are analyzed by the WET and exceed the STLC criteria, the waste is characterized as a California Hazardous Waste. When the soluble metal concentrations are analyzed by the TCLP and exceed the RL criteria, the waste qualifies as a Federal Hazardous Waste.

#### 4.6 Hazardous Waste Evaluation Results

Elevated concentrations of lead were encountered in most soil samples collected at the Site. Of 20 soil samples analyzed for lead, 15 soil samples had concentrations that exceeded the average lead background concentration of 7.0 mg/kg. If excavated, lead in soils that qualify as hazardous wastes include:

- Soil from boring B-4 at 5.0-5.5 feet bgs in the southwest corner of the Site would qualify as a **California Hazardous Waste** if excavated because the total lead concentration of 1,200 mg/kg exceeds the TTLC threshold of 1,000 mg/kg. This soil did not qualify as a Federal Hazardous Waste because the soluble concentration of lead (1.2 mg/L) did not exceed the RL criteria of 5 mg/L.
- Soil from boring B-1 at 5.0-5.5 feet bgs (6.1 mg/L soluble lead by the WET) in the southwest corner of the Site, exceeded the STLC threshold of 5.0 mg/L and therefore would qualify as a **California Hazardous Waste**, if excavated.
- Soil from boring B-3 at 2.0-2.5 feet bgs (7.8 mg/L soluble lead by the WET) in the southwest corner of the Site, exceeded the STLC threshold of 5.0 mg/L and therefore would qualify as a **California Hazardous Waste**, if excavated.
- Soil from boring B-10 at 2.0-2.5 feet bgs (19 mg/L soluble lead by the WET) in the northeast corner of the Site, exceeded the STLC threshold of 5.0 mg/L and therefore qualifies as a **California Hazardous Waste**, if excavated.

Soil samples from borings SB-1 at 5.5 to 6.0 feet bgs, SB-2 at 7.0 to 7.5 feet bgs, B3 at 4.5 to 5.0 feet bgs, and B4 at 4.5 to 5.0 feet bgs (in the southwest part of the Site) had elevated

concentrations of total lead that were not tested by the WET. Because these soil samples were not analyzed by the WET, we could not evaluate if soil from these locations would qualify as a California Hazardous Waste, if excavated.

Although other soil chemically-affected by petroleum hydrocarbons and VOCs did not qualify as a hazardous waste, they would qualify as a Class II waste, if excavated.

#### **4.7 Summary of the Risk Assessment and Hazardous Waste Evaluation Results**

The Tier 1 Environmental Risk Assessment indicated that selected areas of soil were chemically affected by TPH-d, naphthalene, arsenic, barium, copper, and lead that would represent a potential residential health risk if left exposed. The Tier 1 Environmental Risk Assessment also revealed that TPH-g and TPH-d is present in groundwater at concentrations that represent potential health risk concerns if groundwater were to remain beneath the Site and exposed at the surface.

The hazardous waste evaluation revealed that concentrations of lead that exceed regulatory cleanup are present in multiple locations at the Site. If excavated, soil in borings B-4 from 5.0-5.5 feet bgs, B-1 at 5.0-5.5 feet bgs and B-3 at 2.0-2.5 feet bgs in the southwest corner of the Site and soil from boring B-10 at 2.0-2.5 feet bgs in the center of the Site would be a California Hazardous Waste.

#### **5.0 SITE MANAGEMENT RECOMMENDATIONS**

This section addresses the risk management, potential health and safety concerns, and disposal recommendations for the proposed redevelopment activities at the Site. It includes the following short-term and long-term risk mitigative measures to minimize adverse exposure of Site construction and maintenance workers, nearby residents, off-Site workers and pedestrians to hazardous materials during Site development activities and to on-Site occupants following development of the Site:

- Construction Worker Health and Safety Recommendations
- Soil Management Measures
- Removal of the 1,000-gallon, Concrete-Filled, UST
- Stormwater Pollution Controls
- Groundwater Management
- Site Encapsulation
- Maintenance Requirements
- Contingency Plan
- Completion Report
- Restriction on Future Soil and Groundwater Use.

## **5.1 Construction Worker Health and Safety Recommendations**

There are potential construction-worker health and safety risks associated with the petroleum hydrocarbons, metals, and VOCs in Site soils, as well as TPH, soluble lead, and VOCs detected in groundwater. There is the potential for chemicals in soil to affect construction workers at the Site. The routes of potential exposure to the chemicals in soil are: (1) dermal (skin) contact with the soil; (2) inhalation of volatile emissions and dusts; and (3) ingestion of the soil. The greatest potential for human exposure to the chemicals in soil will be during soil excavation operations.

The routes of potential exposure to the petroleum hydrocarbons and volatile organic compounds in groundwater are: (1) dermal (skin) contact with groundwater; and (2) inhalation of emissions from exposed water. The greatest potential for human exposure to the volatile organic compounds in water will be during the installation of subgrade utilities.

The previously mentioned health risks to on-Site construction workers will be minimized by developing and implementing a comprehensive health and safety plan (HSP), which will be prepared by a certified industrial hygienist contracted directly to The 311 Company, LLC, or their designated Site contractor. The 311 Company, LLC (through their construction contractor) will be responsible for establishing and maintaining proper health and safety procedures to minimize construction worker exposure to Site contaminants.

At a minimum, the HSP will include: (1) health and safety training requirements for on-Site personnel; (2) personal hygiene and monitoring equipment to be used during construction to protect and verify the health and safety of the construction workers; (3) additional precautions to be undertaken to minimize direct contact with hazardous substances, including implementation of dust control measures; and (4) a description of the procedures to mitigate any potential health risk to bystanders during subsurface activities. The HSP will be submitted to ACHCSA for review and approval prior to the start of any construction activities.

A Site health and safety officer (HSO) or designee will be onsite during excavation activities to ensure that all health and safety measures are maintained. The HSO will have the authority to direct and, if necessary, stop all construction activities in order to ensure compliance with the HSP.

## **5.2 Soil Management Measures**

The proposed construction activities will disturb Site soils during the removal of the 1,000-gallon, concrete-filled UST and during the installation of the foundation and sub-grade utilities. Soil used for backfill in the UST excavation pit shall meet the cleanup levels described in Section 5.3.

All soil handling activities shall comply with the Bay Area Air Quality Management District Regulation 8, Rule 40, including covering of trucks hauling soil on- and off-Site. Soil disturbed during construction activities will be stockpiled at locations to be determined prior to any Site activities.



To prevent the off-Site migration of chemically-affected soil, stockpiles will be placed on top of one layer of 10-mil polyethylene sheeting (or equivalent), such as Visqueen, and will be covered by the 10-mil polyethylene sheeting at all times except when the material is being handled. The top sheeting will be adequately secured so that all surface areas are covered. Temporary berms will be constructed around the stockpile area to control precipitation run-on and run-off during wet weather.

Section 5.4 presents storm water pollution control information that is also applicable to soil stockpiles. In accordance with CCR Title 22, Section 66262.34, no hazardous wastes will be accumulated and stored on the Site longer than 90 days. Therefore, stockpiled soil that is characterized as a hazardous waste will not be stored on-Site longer than 90 days. The Site will be secured by fencing at all times and temporary fencing will also be placed around the stockpiles.

The excavation contractor will establish appropriate soil stockpile locations on the Site to properly segregate, cover, moisture control, and profile the excavated soil. If soil is excavated, the excavated soils are to be stockpiled (as described above) and sampled according to requirements of the receiving landfills. These procedures will be established by the excavation contractor and coordinated with the proposed landfills prior to initiating soil excavation. It is not anticipated that soil will be reused at the Site for construction-related activities other than footing or minor excavation backfill (such as elevator pits).

The excavation contractor, on behalf of The 311 Company, LLC, will be responsible for tracking final soil disposition. Any excavated soil characterized as a hazardous waste will be tracked using the Uniform Hazardous Waste Manifest System (USEPA Form 8700-22), as applicable. Soil not characterized as a hazardous waste will be tracked using nonhazardous bills of lading. These two systems will be used to comply with appropriate state and local requirements.

The excavation contractor will arrange for transportation of all wastes off-Site. Hazardous and non-hazardous waste will be transported to the appropriate disposal facility using a permitted, licensed, and insured transportation company. Transporters of hazardous waste must meet the

requirements of 40 CFR 263 and 22 CCR 66263. All trucks transporting bulk hazardous waste will be properly lined and covered with compatible materials. Trucks will be decontaminated prior to any use other than hauling contaminated materials unless the contaminated material was already double-contained.

If soil to be exported off-Site is characterized as a hazardous waste, an appropriate USEPA Generator Identification Number will be recorded on the hazardous waste manifests used to document transport of hazardous waste off-Site. The hazardous waste transporter, disposal facility, and U.S. Department of Transportation (DOT) waste description required for each manifest will be determined on a case-by-case basis. A description of the number of containers being shipped, the type of container, and the total quantity of waste being shipped will also be included on each manifest.

The excavation contractor will be responsible for accurate completion of the hazardous waste manifests and nonhazardous bills of lading. Records of all wastes shipped off-Site will be maintained by The 311 Company, LLC and will be made available for inspection on request. The final destination of wastes transported off-Site will be documented in the Completion Report (Section 5.9).

The following records will be kept by The 311 Company, LLC for the indicated length of time:

- copies of uniform hazardous waste manifests signed by the designated waste disposal facility will be retained for at least five years from the date the waste was accepted by the initial transporter
- all records pertaining to the characterization of hazardous or nonhazardous waste will be retained for a minimum of three years.

### **5.3 Removal of the 1,000-gallon, Concrete-Filled, UST**

The 1,000-gallon, concrete-filled UST will be removed by The 311 Company, LLC (through their construction contractor), in accordance with protocols set forth by the ACHCSA and the

City of Oakland Fire Department. Once the 1,000-gallon, concrete-filled UST has been removed, any discolored soil remaining in the pit will be over-excavated and stockpiled. Confirmation soil samples will be collected along the sidewalls and base of the excavation pit. If groundwater is encountered within the excavation pit, a grab groundwater sample will be collected. The confirmation soil and groundwater samples will be analyzed for the following: TPH-g, TPH-d, and TPH-mo by EPA Method 8015M; volatile organic compounds (VOCs) by EPA Method 8260B; and leaking underground fuel tank metals (LUFT 5) by EPA Method 6010B.

Around the 1,000-gallon concrete-filled UST, soil is to be over-excavated and groundwater is to be pumped to the following cleanup goals:

- TPH-d in soil: 500 mg/kg
- TPH-g in soil: 400 mg/kg
- TPH-d in groundwater: 2.5 mg/L
- TPH-g in groundwater: 5 mg/L.

The above cleanup goals have been established by the ACHCSA (ACHCSA, 2006). No cleanup goals were established for lead since there is an agreement with the ACHCSA to leave the lead contamination and issue a deed restriction for the Site.

## **5.4 Storm Water Pollution Controls**

If a Storm Water Pollution Prevention Plan (SWPPP) is required by the City of Oakland as part of a site grading permit, the plan would include storm water pollution controls to minimize storm water runoff and sediment transport from the Site. The SWPPP will be prepared by the excavation contractor prior to soil-related activities. The SWPPP will identify Best Management Practices (BMPs) for activities as specified by the California Storm Water Best Management Practices Handbook (Stormwater Quality Task Force, 1993) and/or the Manual of Standards for

Erosion and Sediment Control Measures (ABAG, 1995). The BMPs will include measures guiding the management and operation of the Site to control and minimize potential contribution of Site pollutants to storm runoff.

## **5.5 Groundwater Management**

Groundwater may be encountered during construction activities. The following subsections describe the protocols related to construction-phase dewatering and groundwater intrusion management.

### **5.5.1 Construction-Phase Dewatering**

In the event that groundwater must be collected or otherwise extracted to prevent its intrusion into temporary trenches for subsurface utilities, the groundwater will be removed by mechanical devices such as pumps, placed in an appropriate container, and tested to evaluate the concentration of chemicals present. Based on the available grab groundwater samples collected to date, extracted groundwater may contain the following chemicals:

- Petroleum Hydrocarbons and related compounds TPH-g, TPH-d, benzene, toluene, ethylbenzene, xylenes, and MTBE
- Soluble lead
- Other VOCs such as PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,2-DCA, n-Butylbenzene, sec-Butylbenzene, p-isopropylbenzene, p-isopropyltoluene, naphthalene, n-propylbenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Diisopropyl ether.

The groundwater will be disposed in accordance with all applicable local, state and federal regulations.

Discharge of extracted groundwater to the storm drain will require prior approval of the RWQCB. Discharge of extracted groundwater to the sanitary sewer will require prior approval

from the East Bay Municipal Utility District (EBMUD). Transport and disposal of the groundwater at an appropriate off-Site facility will be subject to the facility-specific requirements. All relevant documentation related to construction-phase dewatering will be included in the Completion Report (Section 5.9).

### **5.5.2 Groundwater Intrusion Management**

Because the reported depth to groundwater is 7 feet bgs, utilities installed in the subsurface may reside beneath the groundwater table.

To mitigate potential groundwater intrusion into utility vaults, the proposed redevelopment will include the application of a membrane-based waterproof barrier lining utility vaults to reduce potential groundwater intrusion. The membrane material will be compatible with the chemical concentrations detected in groundwater at the Site (Table 4). The membrane-based waterproofing will eliminate the need for collection of groundwater for off-Site discharge.

### **5.6 Site Encapsulation**

Direct contact risks from TPH, naphthalene, arsenic, barium, copper, and lead in soil and groundwater at the Site will be mitigated by encapsulating the soil with a concrete floor slab that extends across the entire Site (the Cap) and constructing engineering controls. The Cap will mitigate the potential exposures through inhalation of dusts and incidental ingestion of soil and dermal contact with soil by providing a physical barrier, thereby eliminating the exposure pathway between the contaminants in soil and the future Site users. The engineered controls include constructing the residential units above two levels of above-grade parking (on top of the Cap) which will include a mechanical ventilation system that will mitigate the exposure pathway of future residents to potential volatile emissions from chemically-affected soil and groundwater at the Site. No soil will be exposed at the surface for the proposed development.

## 5.7 Maintenance Requirements

The objective of these maintenance requirements is to ensure that the long-term risk management plan measures, specifically encapsulating soil beneath the floor slab, will remain effective during the building's and parking garage's use and occupancy period. The Site owner and operator will maintain this risk management plan, maintenance work plans, and maintenance records in a readily accessible on-Site location and shall be responsible for informing any employee or contractor who will perform below grade construction, of the environmental conditions, soil management concerns, and health and safety requirements stipulated in this SMP.

These measures will also be enforced during any post-development construction activities such as utility line repair, building expansion, and other activities that may disturb the underlying contaminated soil. To maintain the integrity of the Cap, and to protect future Site workers who may disturb the Cap, the following procedures must be adhered to by the owner and/or operator of the Site:

- Notify the ACHCSA of any proposed activity expected to disturb the integrity of the encapsulating layer or soil, thirty (30) calendar days before work commences. In cases of emergency, the ACHCSA shall be notified within 24 hours and the work should commence in accordance with the mitigation measures described in this SMP.
- Prepare a specific work plan that includes a description of the proposed construction activities, soil management plan, and health and safety plan.
- Direct any contractor or employee who disturbs the encapsulating layer and is engaged in any excavation or earth movement at the property to comply with the appropriate local, State, and Federal regulations.
- Direct any contractor or employee engaged in any activities that involve penetrating the Cap to repair the disturbed area as soon as is practical.

- Control dust by wetting and protect exposed or excavated soil from storm run-on and run-off during the period of excavation, soil movement, or exposure.
- Determine by appropriate testing whether any excess material removed from the Site is hazardous pursuant to State or Federal hazardous criteria. This material must be managed in accordance with all appropriate regulations.
- Provide the ACHCSA with a report that describes the maintenance activities related to The Cap or excavation of soil.

## **5.8 Contingency Plan**

If previously unidentified underground storage tanks, sumps, and/or associated piping are uncovered during the excavation activities, the following contingency plan will be followed. ACHCSA will be notified and the underground storage tank, sump, and/or associated piping will be removed and properly disposed. The removal will be performed by a licensed contractor in accordance with current Federal and State regulations. In addition, confirmation soil and groundwater samples will be collected. Once completed, a tank closure report will be prepared and submitted to ACHCSA.

If unknown areas of suspected petroleum hydrocarbons or other hazardous materials are discovered during the excavation activities, the following contingency plan will be followed. The impacted areas will be excavated, stockpiled on and covered with plastic sheeting, soil samples will be collected and tested for appropriate chemical constituents (petroleum hydrocarbons, volatile organic compounds, semivolatile organic compounds, and metals), and reported to ACHCSA. Based on the results of the testing, the soil will be properly disposed of off-Site in accordance with the soil management procedures contained in this SMP and with current Federal and State regulations.

## **5.9 Completion Report**

A Completion Report will be prepared by a third party (other than the excavation contractor) that summarizes the soil and groundwater management activities and any subsequent investigative activities that were completed during redevelopment. Field notes and photographs will be included, as appropriate. The report will also contain laboratory analytical results and figures, as appropriate, to provide detail regarding the amount and type of contamination encountered during various activities.

This report will present a chronology of the construction events, a summary of analytical data, and a description of all mitigation activities at the Site. It will also include a certification statement that indicates the mitigation activities have been performed in accordance with this SMP. The Completion Report will be submitted to the ACHCSA for review and approval within 60 days of the completion of all earthwork performed as part of the development project.

## **5.10 Restrictions on Future Soil and Groundwater Use**

Residual chemicals, including TPH, VOCs, and hazardous concentrations of lead in soil, will remain beneath the proposed development at concentrations that exceed ESLs for completion of development activities. Soil within the Site will be restricted for use, including agriculture for food consumption and landscaping. This requirement will be implemented as a deed restriction for the Site.

Chemicals are known to be present within the Site in shallow groundwater at concentrations that exceed U.S. and California maximum contaminant levels (MCLs) for drinking water. Following completion of development activities, groundwater within the Site will be restricted for all uses, including, but not limited to, drinking, irrigation, and industrial uses. This requirement will be implemented as a deed restriction for the Site.



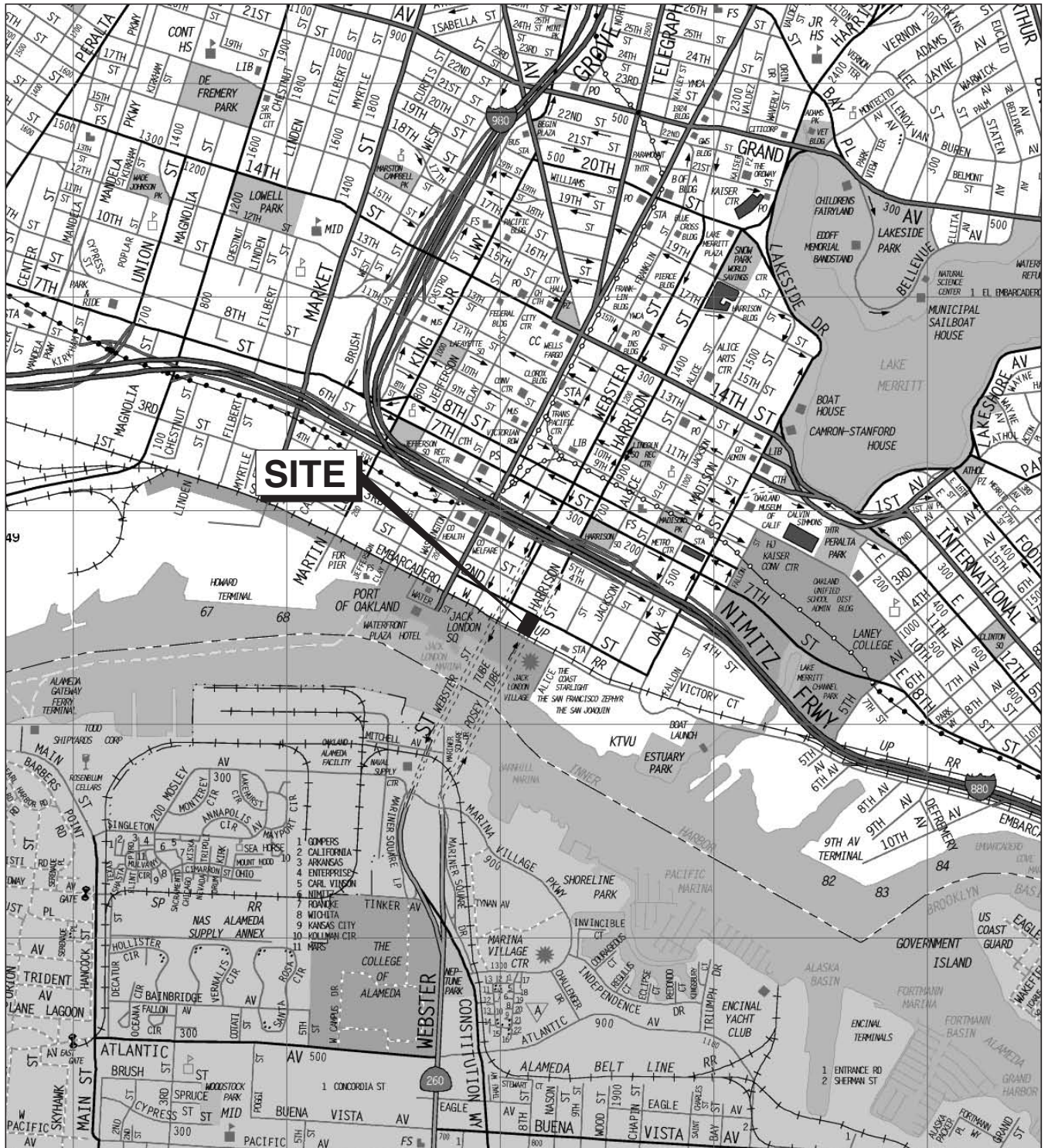
## **6.0 LIMITATIONS**

Treadwell & Rollo prepared this Site Management Plan in accordance with our proposal to The 311 Company, LLC dated 17 January 2007 which was authorized by email on 19 January 2007. All conclusions and recommendations in this report concerning the property are the professional opinions of the Treadwell & Rollo personnel involved with the project, and this report should not be considered a legal interpretation of existing environmental regulations. Opinions presented herein apply to Site conditions existing at the time of our assessment, and cannot necessarily be taken to apply to Site changes or conditions of which we are not aware and have not had the opportunity to evaluate.

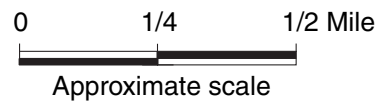
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**FIGURES**



Base map: The Thomas Guide  
Alameda County  
1999



**THE COLONY DEVELOPMENT**  
311 2ND STREET  
Oakland, California

**SITE LOCATION MAP**

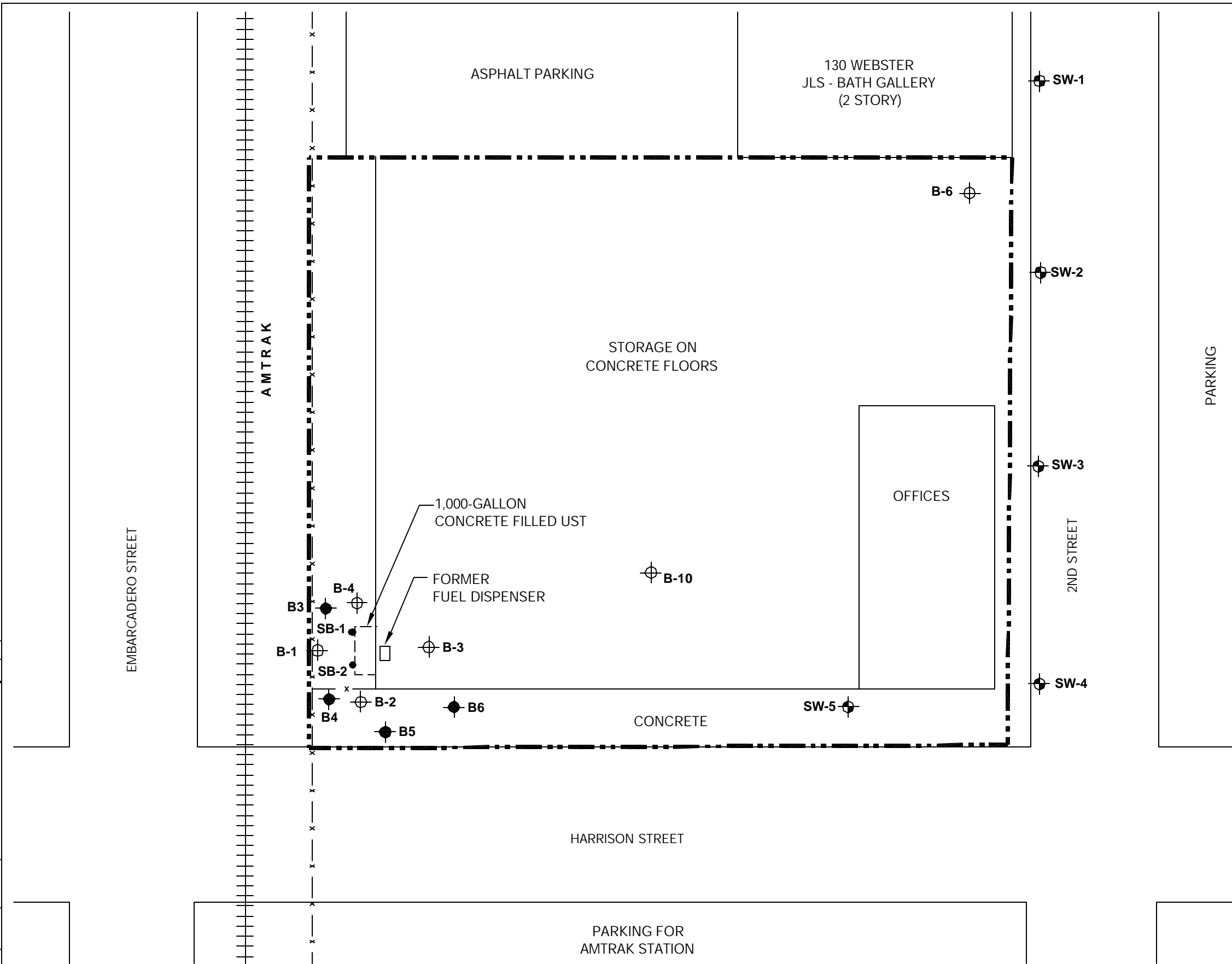
**Treadwell&Rollo**

Date 03/23/07

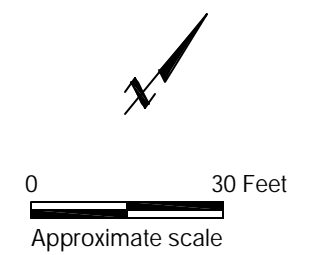
Project No. 4568.02

Figure 1

S:\Trigraphics-Cdk\4500 s\4568.02\OAK-4568.02\_REV-SITE-PLAN.dwg 5/14/07



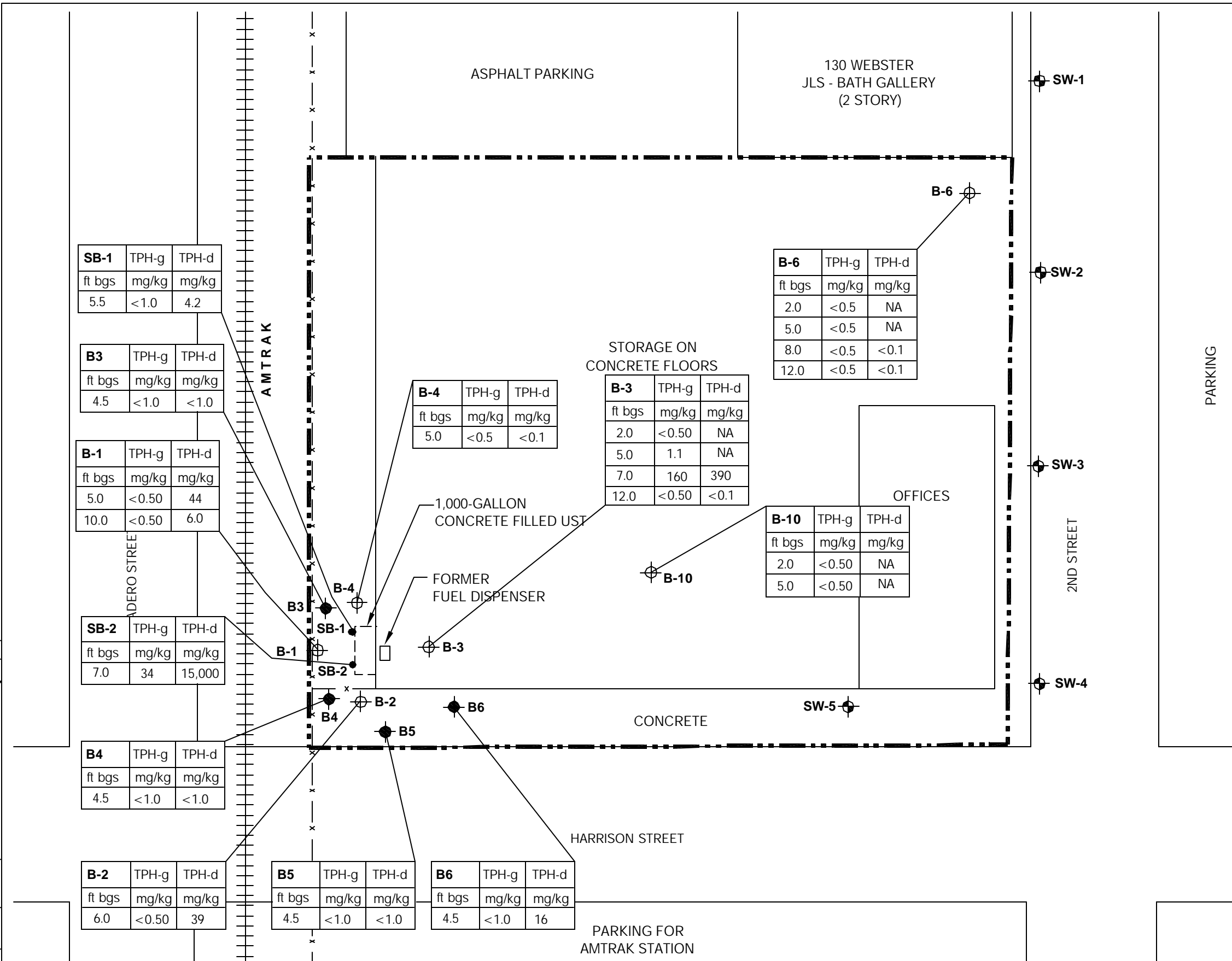
- EXPLANATION**
- SB-1** ● Approximate location of boring by Blymyer Engineers, Inc., in 1993
  - B-6** ● Approximate location of boring by AllPro Environmental Corporation, in 1996
  - B-6** ⊕ Approximate location of boring by Secor International, Inc., in 2005
  - SW-1** ⊕ Approximate location of boring by Secor International, Inc., in 2006
  - x --- x --- Site boundary
  - x - x - Fence line



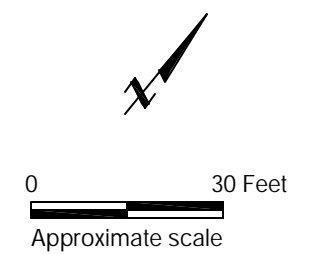
<b>THE COLONY DEVELOPMENT</b>		
311 2ND STREET		
Oakland, California		
<b>SITE PLAN</b>		
Date 03/23/07	Project No. 4568.02	Figure 2
<b>Treadwell&amp;Rollo</b>		

Reference: Site Plan by Secor for "The Olson Company" dated 4/21/05.

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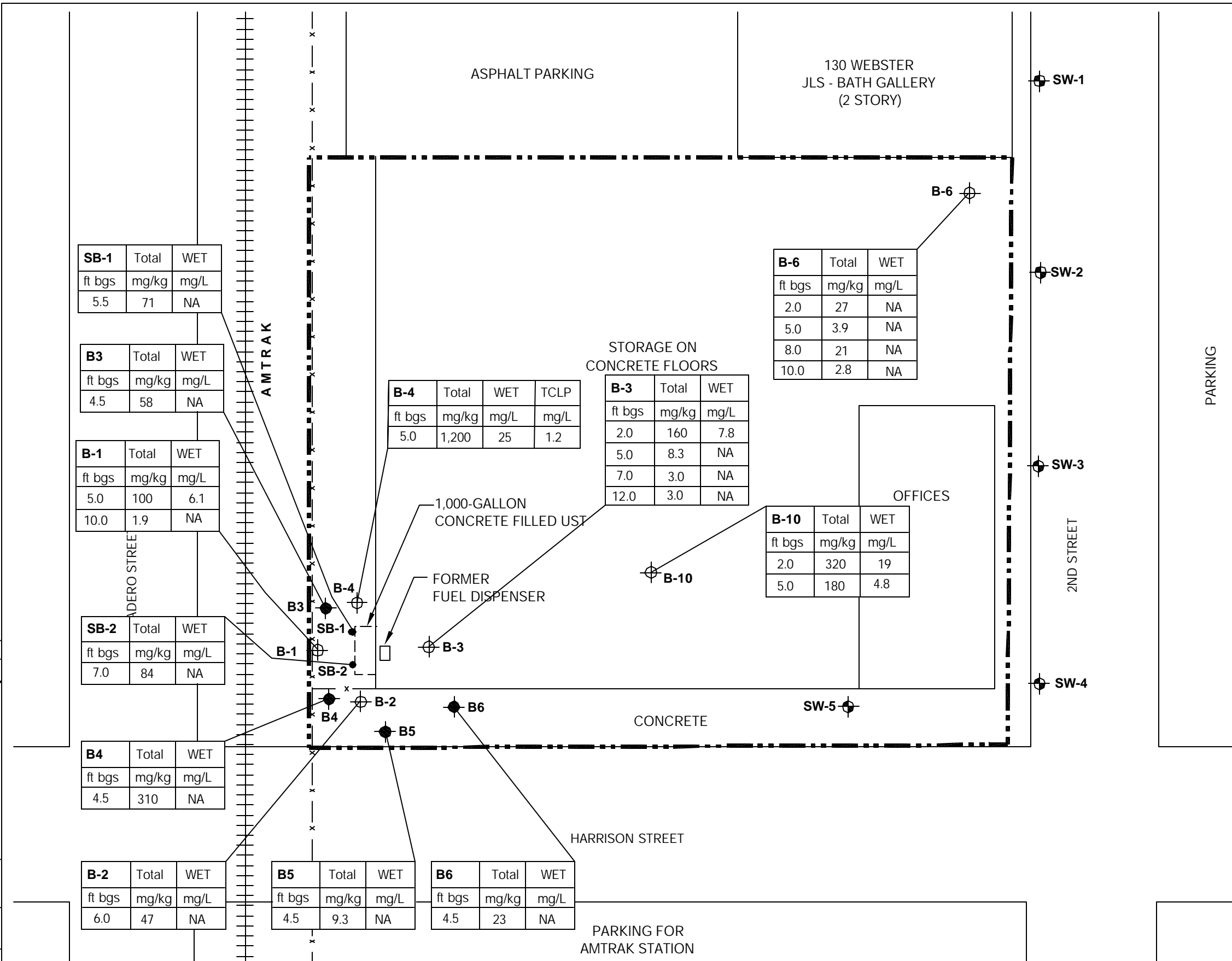
- EXPLANATION**
- SB-1** ● Approximate location of boring by Blymyer Engineers, Inc., in 1993
  - B-6** ● Approximate location of boring by AllPro Environmental Corporation, in 1996
  - B-6** ⊕ Approximate location of boring by Secor International, Inc., in 2005
  - SW-1** ⊕ Approximate location of boring by Secor International, Inc., in 2006
  - Site boundary
  - x - x - Fence line
- (TPH) - Total Petroleum Hydrocarbons  
 (TPH-g) - Quantified as gasoline  
 (TPH-d) - Quantified as diesel fuel  
 (ft bgs) - Feet below ground surface  
 (mg/kg) - Milligrams per kilogram  
 (<1.0) - Below laboratory detection limits which vary  
 NA - Not analyzed



<b>THE COLONY DEVELOPMENT</b>		
311 2ND STREET		
Oakland, California		
<b>TPH IN SOIL</b>		
Date 03/23/07	Project No. 4568.02	Figure 3
<b>Treadwell&amp;Rollo</b>		

Reference: Site Plan by Secor for "The Olson Company" dated 4/21/05.

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- EXPLANATION**
- SB-1** ● Approximate location of boring by Blymyer Engineers, Inc., in 1993
  - B6** ● Approximate location of boring by AllPro Environmental Corporation, in 1996
  - B-6** ⊕ Approximate location of boring by Secor International, Inc., in 2005
  - SW-1** ⊕ Approximate location of boring by Secor International, Inc., in 2006
  - Site boundary
  - x - x - Fence line
- Total - Total lead  
WET - Soluble lead by the Waste Extraction Test  
TCLP - Toxicity Characteristic Leaching Procedure  
(ft bgs) - Feet below ground surface  
(mg/kg) - Milligrams per kilogram  
(mg/L) - Milligrams per liter  
NA - Not analyzed

**THE COLONY DEVELOPMENT**  
**311 2ND STREET**  
Oakland, California

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**LEAD IN SOIL**

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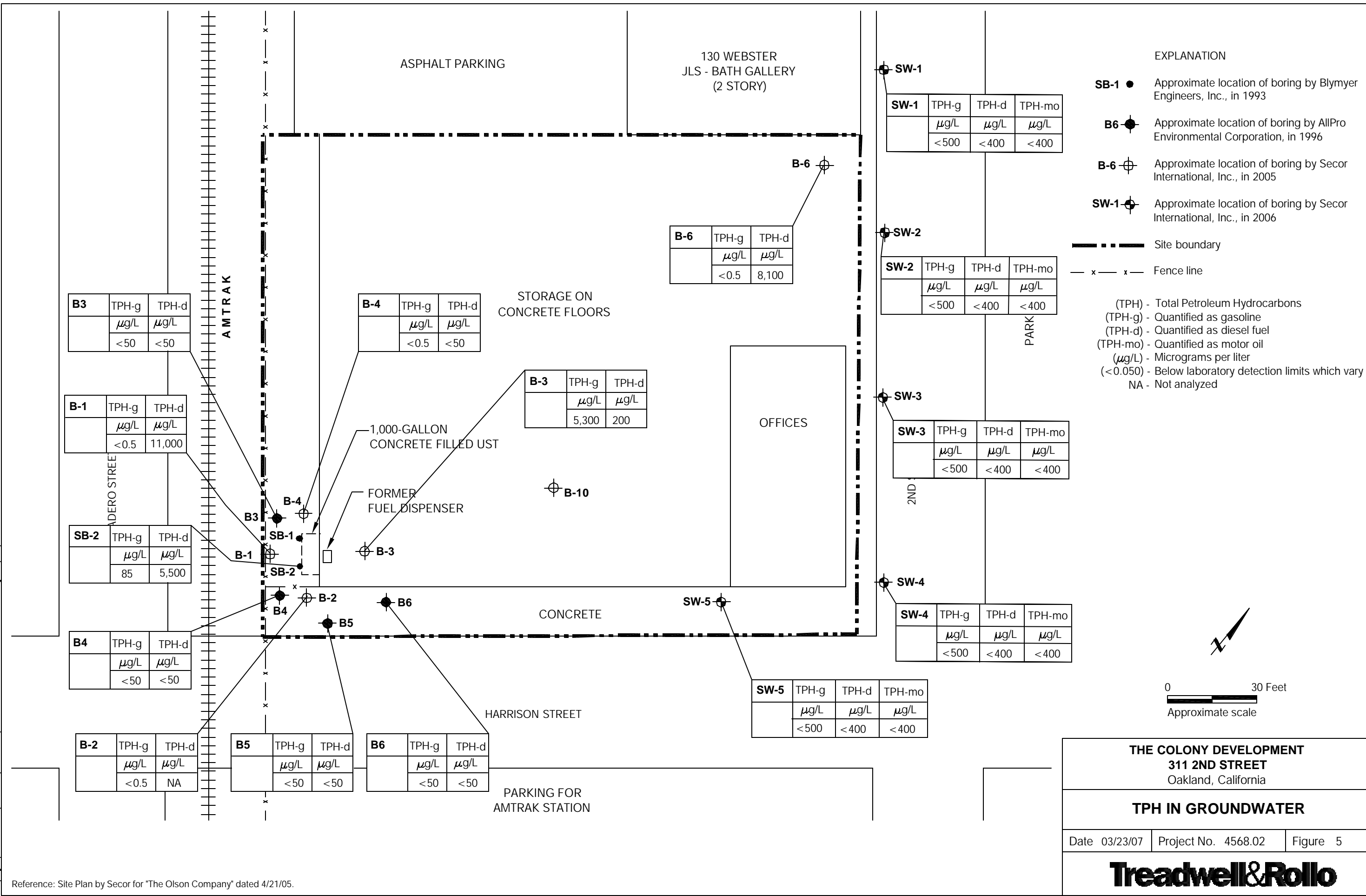
Date 02/23/07	Project No. 4568.02	Figure 4
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Treadwell&Rollo

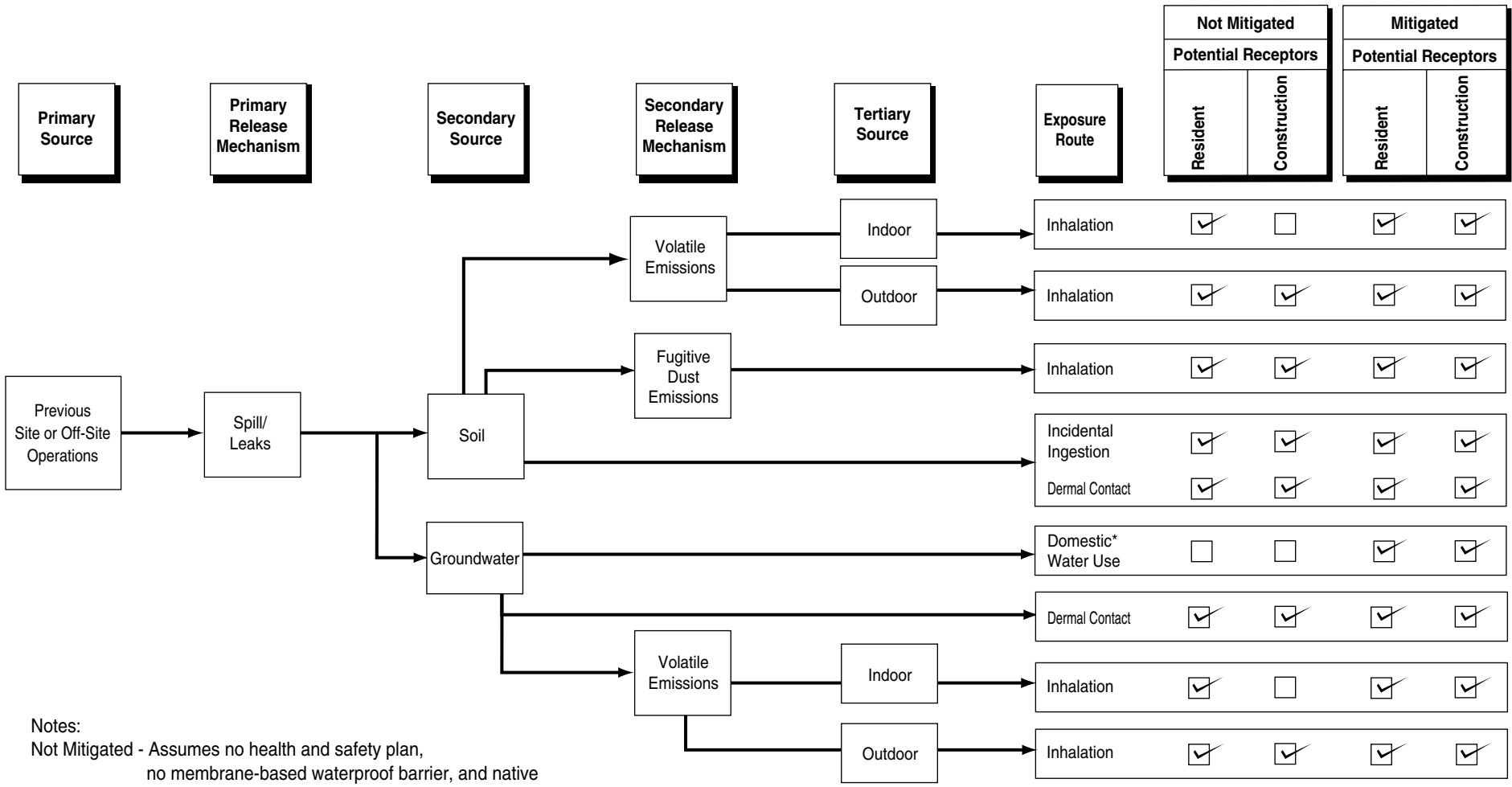
Reference: Site Plan by Secor for "The Olson Company" dated 4/21/05.

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Reference: Site Plan by Secor for "The Olson Company" dated 4/21/05.





**Notes:**

Not Mitigated - Assumes no health and safety plan, no membrane-based waterproof barrier, and native soil exposed at the surface.

Mitigated - Assumes the implementation of a site mitigation plan, health and safety plan, membrane-based waterproof barrier and site encapsulation with no native soil exposed at the surface.

Domestic water is supplied from off-site sources by East Bay Municipal Utility District.

**THE COLONY DEVELOPMENT**  
**311 SECOND STREET**  
 Oakland, California

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**CONCEPTUAL SITE MODEL**

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Date 03/23/07 | Project No. 4568.02 | Figure 6

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**Treadwell&Rollo**

**TABLES**

**TABLE 1**  
**Total Petroleum Hydrocarbons in Soil**  
**311 Second Street**  
**Oakland, California**

Sample ID	Sample Date	Sample Depth feet	TPH-g mg/kg	TPH-d mg/kg
SB-1 5.5-6.0'	9/15/1993	5.5-6.0	<1.0	<b>4.2</b>
SB-2 7.0-7.5'	9/15/1993	7.0-7.5	<b>34</b>	<b>15,000</b>
B3-4.5	3/20/1996	4.5-5.0	<1.0	<1.0
B4-4.5	3/20/1996	4.5-5.0	<1.0	<1.0
B5-4.5	3/20/1996	4.5-5.0	<1.0	<1.0
B6-4.5	3/20/1996	4.5-5.0	<1.0	<b>16</b>
B-1	5/3/2005	5.0-5.5	<0.5	<b>44</b>
B-1	5/3/2005	10-10.5	<0.5	<b>6</b>
B-2	5/3/2005	6.0-6.5	<0.5	<b>39</b>
B-3	5/3/2005	2.0-2.5	<0.5	NA
B-3	5/3/2005	5.0-5.5	<b>1.1</b>	NA
B-3	5/3/2005	7.0-7.5	<b>160</b>	<b>390</b>
B-3	5/3/2005	12.0-12.5	<0.5	<0.1
B-4	5/3/2005	5.0-5.5	<0.5	<0.1
B-6	5/3/2005	2.0-2.5	<0.5	NA
B-6	5/3/2005	5.0-5.5	<0.5	NA
B-6	5/3/2005	8.0-8.5	<0.5	<0.1
B-6	5/3/2005	12.0-12.5	<0.5	<0.1
B-10	5/3/2005	2.0-2.5	<0.5	NA
B-10	5/3/2005	5.0-5.5	<0.5	NA
ESL (Table K-1)			400	400
ESL (Table K-3)			6,000	6,000

Notes

mg/kg = Milligrams per kilogram

TPH-g = Total Petroleum Hydrocarbons quantified as gasoline

TPH-d = Total Petroleum Hydrocarbons quantified as diesel fuel

TPH-mo = Total Petroleum Hydrocarbons quantified as motor oil

Detected concentrations are highlighted in **bold**

ND = Not detected at or greater than laboratory detection limit which varies, see laboratory report

< 1 = Not detected at the indicated laboratory detection limit

NA = Not analyzed

ESL = Environmental Screening Levels (SF-RWQCB, 2005)

ESL (Table K-1): Direct Exposure, Residential

ESL (Table K-3): Direct Exposure, Construction/Trench Worker Exposure Scenario

**TABLE 2**  
**Volatile Organic Compounds in Soil**  
**311 Second Street**  
**Oakland, California**

Sample ID	Sample Date	Sample Depth feet	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Total Xylenes mg/kg	MTBE mg/kg	Other VOCs mg/kg
SB-1 5.5-6.0'	9/15/1993	5.5-6.0	<0.0050	<0.0050	<0.0050	<b>0.0090</b>	NA	NA
SB-2 7.0-7.5'	9/15/1993	7.0-7.5	<0.0050	<0.0050	<b>0.65</b>	<b>0.82</b>	NA	NA
B3-4.5	3/20/1996	4.5-5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
B4-4.5	3/20/1996	4.5-5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
B5-4.5	3/20/1996	4.5-5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
B6-4.5	3/20/1996	4.5-5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
B-1	5/3/2005	5.0-5.5	<0.001	<0.001	<0.001	<b>0.001</b>	<0.005	1,2,4-Trimethylbenzene = <b>0.002</b> 1,3,5-Trimethylbenzene = <b>0.001</b> Other VOCs = ND
B-1	5/3/2005	10-10.5	<0.001	<0.001	<0.001	<0.001	<0.005	ND
B-2	5/3/2005	6.0-6.5	<0.001	<0.001	<0.001	<0.001	<0.005	ND
B-3	5/3/2005	2.0-2.5	<0.001	<0.001	<0.001	<0.001	<0.005	ND
B-3	5/3/2005	5.0-5.5	<0.001	<0.001	<b>0.07</b>	<b>0.005</b>	<0.005	n-Butylbenzene = <b>0.014</b> isopropylbenzene = <b>0.004</b> p-isopropyltoluene = <b>0.003</b> Naphthalene = <b>0.052</b> n-propylbenzene = <b>0.020</b> 1,2,4-Trimethylbenzene = <b>0.055</b> Other VOCs = ND
B-3	5/3/2005	7.0-7.5	<0.001	<0.001	<0.001	<0.001	<0.005	n-Butylbenzene = <b>1.6</b> Isopropylbenzene = <b>0.82</b> Naphthalene = <b>4.5</b> n-propylbenzene = <b>3.4</b> Other VOCs = ND
B-3	5/3/2005	12.0-12.5	<0.001	<0.001	<0.001	<0.001	<0.005	Isopropylbenzene = <b>0.005</b> n-Propylbenzene = <b>0.009</b> Other VOCs = ND
B-4	5/3/2005	5.0-5.5	<0.001	<0.001	<0.001	<0.001	<0.005	ND
B-6	5/3/2005	2.0-2.5	<0.001	<0.001	<0.001	<0.001	<0.005	ND
B-6	5/3/2005	5.0-5.5	<0.001	<0.001	<0.001	<0.001	<0.005	ND
B-6	5/3/2005	8.0-8.5	<0.001	<0.001	<0.001	<0.001	<0.005	ND
B-6	5/3/2005	12.0-12.5	<0.001	<0.001	<0.001	<0.001	<0.005	Tetrachlorethene = <b>0.004</b> Other VOCs = ND
B-10	5/3/2005	2.0-2.5	<0.001	<0.001	<0.001	<0.001	<0.005	ND
B-10	5/3/2005	5.0-5.5	<0.001	<0.001	<0.001	<0.001	<0.005	ND
ESL (Table K-1)			0.18	100	400	330	30	Napthalene = 1.5 Tetrachloroethene = 0.43 All Others = ESLs not available
ESL (Table K-3)			16	650	400	420	2,500	Napthalene = 97 Tetrachloroethene = 25 All Others = ESLs not available
ESL (Table E-1b)			0.18	130	390	310	2.0	Napthalene = 0.46 Tetrachloroethene = 0.26 All Others = ESLs not available

Notes:

mg/kg = Milligrams per kilogram

MTBE = Methyl tert Butyl Ether

Other VOCs = Other Volatile Organic Compounds, see laboratory report

Detected concentrations are highlighted in **bold**

ND = Not detected above laboratory detection limit which varies, see laboratory report

< 1 = Not detected above the indicated laboratory detection limit

NA = Not analyzed

ESL = Environmental Screening Levels (SF-RWQCB, 2005)

ESL (Table K-1): Direct Exposure, Residential

ESL (Table K-3): Direct Exposure, Construction/Trench Worker Exposure Scenario

ESL (Table E-1b): Soil Screening Levels for Evaluation of Potential Vapor Intrusion Concerns, Residential

**TABLE 3**  
**Metals in Soil**  
**311 Second Street**  
**Oakland, California**

Sample Number	Sample Date	Sample Depth	Ar	Ba	Be	Cd	Cr	Co	Cu	Pb	Ni	Hg	V	Zn	Soluble Pb (WET)	Soluble Pb (TCLP)
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/L)	(mg/L)
SB-1 5.5-6.0'	9/15/1993	5.5-6.0	NA	NA	NA	NA	NA	NA	NA	71	NA	NA	NA	NA	NA	NA
SB-2 7.0-7.5'	9/15/1993	7.0-7.5	NA	NA	NA	NA	NA	NA	NA	84	NA	NA	NA	NA	NA	NA
B3-4.5	3/20/1996	4.5-5.0	NA	NA	NA	NA	NA	NA	NA	58	NA	NA	NA	NA	NA	NA
B4-4.5	3/20/1996	4.5-5.0	NA	NA	NA	NA	NA	NA	NA	310	NA	NA	NA	NA	NA	NA
B5-4.5	3/20/1996	4.5-5.0	NA	NA	NA	NA	NA	NA	NA	9.3	NA	NA	NA	NA	NA	NA
B6-4.5	3/20/1996	4.5-5.0	NA	NA	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA
B-1	5/3/2005	5.0-5.5	NA	NA	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	6.1	NA
B-1	5/3/2005	10-10.5	NA	NA	NA	NA	NA	NA	NA	1.9	NA	NA	NA	NA	NA	NA
B-2	5/3/2005	6.0-6.5	NA	NA	NA	NA	NA	NA	NA	47	NA	NA	NA	NA	NA	NA
B-3	5/3/2005	2.0-2.5	4.3	110	<0.5	0.52	27	4.8	57	160	16	2.0	22	130	7.8	NA
B-3	5/3/2005	5.0-5.5	2.1	54	<0.5	<0.5	30	3.5	7.3	8.3	12	0.04	19	18	NA	NA
B-3	5/3/2005	7.0-7.5	NA	NA	NA	NA	NA	NA	NA	3.0	NA	NA	NA	NA	NA	NA
B-3	5/3/2005	12.0-12.5	NA	NA	NA	NA	NA	NA	NA	3.0	NA	NA	NA	NA	NA	NA
B-4	5/3/2005	5.0-5.5	NA	NA	NA	NA	NA	NA	NA	1,200	NA	NA	NA	NA	25	1.2
B-6	5/3/2005	2.0-2.5	3.2	59	<0.5	<0.5	30	3.0	7.8	27	11	0.05	19	19	NA	NA
B-6	5/3/2005	5.0-5.5	1.8	30	<0.5	<0.5	32	2.2	5.1	3.9	10	<0.02	19	10	NA	NA
B-6	5/3/2005	8.0-8.5	NA	NA	NA	NA	NA	NA	NA	21	NA	NA	NA	NA	NA	NA
B-6	5/3/2005	10-10.5	NA	NA	NA	NA	NA	NA	NA	2.8	NA	NA	NA	NA	NA	NA
B-10	5/3/2005	2.0-2.5	6	130	<0.5	0.85	19	5.4	870	320	16	0.81	21	410	19	NA
B-10	5/3/2005	5.0-5.5	2.3	50	<0.5	<0.5	24	2.5	16	180	11	0.08	17	36	4.8	NA
<b>Maximum</b>			6	130	ND	0.85	32	5.4	870	1200	16	2	22	410	25	1.2
<b>Background</b>			5.5	130	0.42	5.6	58	14	32	7.0	68	0.5	46	64	NA	NA
<b>TTLIC - (mg/kg)</b>			500	10,000	75	100	2,500	8,000	2500	1,000	2,000	20	2,400	5,000	NA	NA
<b>STLC (mg/L)</b>			5.0	100	0.75	1.0	5	80	25	5.0	20	0.2	24	250	5.0	NA
<b>RL (mg/L)</b>			5.0	100	NA	1.0	5	NA	NA	5.0	NA	0.2	NA	NA	NA	5.0
<b>ESL (Table K-1)</b>			5.5*	100	29	1.7	58*	10	610	255**	310	4	110	4,600	NA	NA
<b>ESL (Table K-3)</b>			5.5*	2,500	36	38	58*	10	28,000	750	1,000	98	5,000	210,000	NA	NA

Notes:

mg/kg = Milligrams per kilogram  
mg/L = Milligrams per liter  
Total metals include arsenic (Ar), barium (Ba), beryllium (Be), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), nickel (Ni), mercury (Hg), vanadium (V), and zinc (Zn)  
WET = Waste Extraction Test  
TCLP = Toxicity Characteristic Leaching Procedure  
< 1 = Not detected above the indicated laboratory detection limit  
ND = Not detected above laboratory detection limit which varies, see laboratory report  
NA = Not Analyzed or Not Applicable  
Detected concentrations are highlighted in **bold**.  
ESL = Environmental Screening Levels (SF-RWQCB, 2005)  
ESL (Table K-1): ESL for Direct Exposure, Residential  
ESL (Table K-2): Direct Exposure, Construction/Trench Worker Exposure Scenario  
TTLIC = Total Threshold Limit Concentration  
STLC = Soluble Threshold Limit Concentration  
RL = Regulatory Level, Criteria for a Federal Hazardous Waste  
BKG = Maximum detected concentration is less than background and not evaluated further

Notes:

5.5\* = Table B ESL in soil for residential land-use where groundwater is not current or potential source of drinking water. Considers background concentrations and human health risk

255\*\* = 2003 lead in soil ESL for residential land-use that assumes no consumption of home grown produce cultivated in lead-affected soil.

Background = Average Concentrations from LBNL, 2002. If no average concentration available, then value was selected from the following 95th percentile, 99th percentile, or median of detected concentrations ( in order, depending upon available values).

LBNL, 2002 = Lawrence Berkeley National Laboratory, 2002, Analysis of Background Distributions of Metals in Soil at Lawrence Berkeley National Laboratory. Environmental Restoration Program, June 2002.

**TABLE 4**  
**Groundwater Analytical Results**  
**311 Second Street**  
**Oakland, California**

Sample ID	Sample Date	TPH-g µg/L	TPH-d µg/L	TPH-mo µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	MTBE µg/L	Other VOCs µg/L	Lead mg/L
SB-2	9/15/1993	<b>85</b>	<b>5,500</b>	NA	<b>2.7</b>	<b>0.66</b>	<0.50	<b>0.51</b>	NA	NA	<0.0050
B3	3/20/1996	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0	NA	<b>0.049*</b>
B4	3/20/1996	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0	NA	<b>1.7*</b>
B5	3/20/1996	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0	NA	<b>0.68*</b>
B6	3/20/1996	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0	NA	<b>0.49*</b>
B-1	5/3/2005	<0.50	<b>11,000</b>	NA	<0.5	<0.5	<0.5	<0.5	<1.0	ND	NA
B-2	5/3/2005	<0.50	NA	NA	<0.5	<0.5	<0.5	<0.5	<1.0	ND	NA
B-3	5/3/2005	<b>5,300</b>	<b>200</b>	NA	<b>15</b>	<b>6.0</b>	<b>51</b>	<b>30.5</b>	<1.0	n-Butylbenzene = <b>60</b> sec-Butylbenzene = <b>20</b> p-isopropylbenzene = <b>57</b> p-isopropyltoluene = <b>3.3</b> Naphthalene = <b>160</b> n-propylbenzene = <b>160</b> 1,2,4-Trimethylbenzene = <b>90</b> 1,3,5-Trimethylbenzene = <b>24</b>	NA
B-4	5/3/2005	<0.50	<50	NA	<0.5	<0.5	<0.5	<0.5	<1.0	ND	NA
B-6	5/3/2005	<0.50	<b>8,100</b>	NA	<0.5	<0.5	<0.5	<0.5	<1.0	Tetrachloroethene = <b>8.2</b> Trichloroethene = <b>1.5</b> 1,2-Dichloroethane = <b>1.0</b> cis-1,2-Dichloroethene = <b>0.7</b>	NA
SW-1	5/10/2006	<500	<400	<400	NA	NA	NA	NA	<1.0	Tetrachloroethene = <b>24</b> Trichloroethene = <b>1.3</b> 1,2-Dichloroethane = <b>1.9</b>	NA
SW-2	5/10/2006	<500	<400	<400	NA	NA	NA	NA	<1.0	Tetrachloroethene = <b>11</b> Trichloroethene = <b>22</b> 1,2-Dichloroethane = <b>7.7</b> cis-1,2-Dichloroethene = <b>3.8</b> Diisopropyl Ether = <b>5.4</b>	NA
SW-3	5/10/2006	<500	<400	<400	NA	NA	NA	NA	<b>1.1</b>	Tetrachloroethene = <b>18</b> Trichloroethene = <b>130</b> 1,2-Dichloroethane = <b>11</b> cis-1,2-Dichloroethene = <b>7.9</b> trans-1,2-Dichloroethene = <b>0.9</b> Diisopropyl Ether = <b>5.1</b>	NA
SW-4	5/10/2006	<500	<400	<400	NA	NA	NA	NA	<1.0	Tetrachloroethene = <b>2.4</b> Trichloroethene = <b>16</b> 1,2-Dichloroethane = <b>5.0</b> cis-1,2-Dichloroethene = <b>5.3</b>	NA
SW-5	5/10/2006	<500	<400	<400	NA	NA	NA	NA	<1.0	ND	NA
<b>Maximum</b>		5300	11,000	ND	15	6	51	30.5	1.1	ND	1.7*
<b>ESL (Table B)</b>		500	640	640	46	130	290	100	1,800	Napthalene = 24 Tetrachloroethene = 120 Trichloroethene = 360 1,2-Dichloroethane = 200 cis-1,2-Dichloroethene = 590 trans-1,2-Dichloroethene = 590 All Others = ESLs not available	2.5
<b>ESL (Table E-1a)</b>		NA	NA	NA	540	380,000	170,000	160,000	24,000	Napthalene = 3,200 Tetrachloroethene = 120 Trichloroethene = 530 1,2-Dichloroethane = 200 cis-1,2-Dichloroethene = 6,200 trans-1,2-Dichloroethene = 6,700 All Others = ESLs not available	ESL not available

Notes:

µg/L = Micrograms per liter  
mg/L = Milligrams per liter  
Detected concentrations are highlighted in **bold**.  
TPH-g = Total Petroleum Hydrocarbons quantified as gasoline  
TPH-d = Total Petroleum Hydrocarbons quantified as diesel fuel  
TPH-mo = Total Petroleum Hydrocarbons quantified as motor oil  
MTBE = Methyl tert Butyl Ether

Notes:

VOCs = Volatile Organic Compounds (see laboratory data sheets for complete list of VOCs analyzed)  
< 1 = indicates not detected at the indicated laboratory detection limit  
ND = Not detected at or greater than the laboratory detection limit which varies, see laboratory report  
NA = Not analyzed  
ESL = Environmental Screening Levels (SF-RWQCB, 2005)  
ESL (Table B): Shallow soils (<m bgs) where groundwater is not a current or potential source of drinking water  
ESL (Table E-1a): Groundwater Screening Levels for Evaluation of Potential Indoor-Air Impacts, high permeability  
\* = Groundwater sample was preserved before being filtered and are therefore erroneous.

**APPENDIX A**

**Past Environmental Reports for the Site (On CD-ROM)**

# RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND STORAGE TANK LEAKS

*For use by Unidocs Member Agencies or where approved by your Local Jurisdiction*

**TABLE #2**  
Revised March 1, 1999

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u> (SW-846 Method)		<u>WATER ANALYSIS</u> (Water/Waste Water Method)	
<b>Gasoline (Leaded and Unleaded)</b>	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
	Total Lead	AA	Total Lead	AA
		--Optional--*		
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
<b>Unknown Fuel</b>	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
	Total Lead	AA	Total Lead	AA
	--Optional--*			
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
<b>Diesel, Jet Fuel, Kerosene, and Fuel/Heating Oil</b>	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
<b>Chlorinated Solvents</b>	CL HC	8260	CL HC	524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
<b>Nonchlorinated Solvents</b>	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
<b>Waste, Used, or Unknown Oil</b>	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	O&G	9070	O&G	418.1
	BTEX	8260	BTEX	524.2/624 (8260)
	CL HC	8260	CL HC	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
	Metals (Cd, Cr, Pb, Ni, Zn) by ICAP or AA for soil water			
	PCB, † PCP, † PNA, CREOSOTE by 8270 for soil and 524/625 (8270) for water			

**NOTES:**

1. 8021 replaces old methods 8020 and 8010.
2. 8260 replaces old method 8240.
3. Reference: Table B-1 in Appendix B of "Expedited Site Assessment Tools for Underground Storage Tank Sites: A Guide for Regulators" (EPA 510-B-97-001).

\* Optional per Regional Water Quality Control Board (Board), but local agency that regulates UST system may require analysis for Organic Lead. Check with your local agency regarding their requirements.

† If found, analyze for dibenzofurans (PCBs) or dioxins (PCP).



4

Fr-  
KSD 7/17/07

**ADDITIONAL PHASE II ENVIRONMENTAL  
SITE ASSESSMENT REPORT**

311 2<sup>nd</sup> Street  
Oakland, California

Prepared for:  
The Olson Company

June 7, 2006

SECOR Project No.: 04OT.29220.22

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Figure 1 – Site Location Map

Figure 2 – Plot Plan with Boring Locations

### TABLES

Table 1 – Summary of TPH & VOCs Analysis of Groundwater Samples

### APPENDICES

Appendix A – Laboratory Data Sheets, QA/QC Results, and Chain-of-Custody Records

Appendix B – Supporting Documents

## 1.0 INTRODUCTION

This report documents the methodology and findings of an additional environmental site assessment (ESA) completed by SECOR International Incorporated (SECOR) at the property located at 311 2<sup>nd</sup> Street, Oakland, California. This investigation was conducted in general accordance with SECOR's approved *Work Plan to Conduct Additional Site Assessment*, dated April 3, 2006.

The following report sections provide a project introduction, background information, a description of the field investigation and laboratory testing programs, investigation findings, and SECOR's conclusions and recommendations.

### 1.1 SITE DESCRIPTION AND OPERATIONS

The Site consists of approximately 1.1 acres of land located at 311 2<sup>nd</sup> Street in the City of Oakland, County of Alameda, California. The Site consists of 14 contiguous plots in addition to a redistributed portion of Harrison Street which comprise one parcel. Currently, the Site is occupied by Meyer Plumbing Supply.

The Site is located in a commercial/industrial area of Oakland. The Site is bounded to the northwest by the Jack London Square Bath Gallery showroom and offices, a second office building, and an asphalt parking lot followed by Webster Street; to the northeast by 2<sup>nd</sup> Street then industrial buildings, a parking lot and offices; to the southwest by the Amtrak rail line followed by Embarcadero Street, a parking lot, and then a marina; and to southeast by an asphalt parking lot followed by the Jack London Square Amtrak Station.

The current structure on the Site is used predominantly to store plumbing parts and equipment (i.e. pipe, fittings, and tools). A small portion of the structure is also used as office space. Based on information obtained during this Phase I ESA (see below for additional detail) the Site has been occupied by this warehouse since prior to 1965. According to SECOR's review of historical documents, prior to 1939 until sometime before 1959 the Site was occupied by a smaller commercial structure. This structure is identified on Sanborn fire insurance maps as a steel fabricating and welding shop from sometime prior to 1950 until 1957.

### 1.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

The site is located at an approximate elevation of approximately 15 feet above mean sea level (msl) as shown on Figure 1. The Site is located in the California Coast Range Geomorphic Province characterized by northwest-southeast trending mountains and faults. Basement rocks underlying the Site are mapped as Late Jurassic to Early Cretaceous Franciscan Formation (CDMG, 1961). The Franciscan Formation consists of intensely deformed subduction mélange containing sedimentary rocks, volcanics, and metamorphic serpentinites. The subject property lies in a topographic depression caused by localized east-west extension caused by transtension between the Hayward and San Andreas faults.

Although no active faults are mapped within 1-mile of the subject property (CDMG, 1998), the Site is located within a seismically active area. The nearest recently active faults include: the northern segment of the Hayward fault, located approximately 1.5 miles northeast of the Site; the San Andreas fault located approximately 15 miles to the southwest; and the Calaveras fault located approximately 12.5 miles northeast of the Site. These faults are capable of generating seismic moments greater than magnitude 7.0.

The Site is located within the California Regional Water Quality Control Board (RWQCB), San Francisco Region (2). A groundwater monitoring well located approximately one-eighth mile north of the Site indicates groundwater at 7 feet below ground surface (bgs) with groundwater flow towards the southwest. Previous subsurface investigations conducted on the Site agree with this reported depth to groundwater of approximately 7 feet. The San Francisco Bay is located to the southwest of the Site. Based on the location of the Site and topographic gradient, inferred groundwater gradient would be to the southwest.

## 2.0 BACKGROUND INFORMATION

The Site consists of approximately 1.1 acres of land located at 311 2<sup>nd</sup> Street in the City of Oakland, County of Alameda, California. The Site consists of 14 contiguous plots in addition to a redistributed portion of Harrison Street which comprise one parcel. Currently, the Site is occupied by Meyer Plumbing Supply.

SECOR conducted an initial Phase II subsurface soils investigation of the Site on May 3, 2005. A brief summary of the groundwater and soil analysis is as follows:

### TPH and VOCs in Groundwater:

Chemical analysis of groundwater samples indicated the following for each boring location:

- **Boring B-1** – The groundwater sample from this boring reported a non-detectable concentration ( $< 0.50 \mu\text{g/L}$ ) of gasoline range hydrocarbons. Diesel range hydrocarbons were detected at a concentration of  $11,000 \mu\text{g/L}$  in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
- **Boring B-2** – The groundwater sample from this boring location reported a non-detectable concentration ( $< 0.50 \mu\text{g/L}$ ) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample due to an insufficient recharge rate. No VOCs were measured above their respective laboratory detection limits in this sample.
- **Boring B-3** – The groundwater sample from this boring location reported gasoline range hydrocarbons at a concentration of  $5,400 \mu\text{g/L}$ . Diesel range hydrocarbons were detected at a concentration of  $200 \mu\text{g/L}$  in this sample. The VOCs Benzene, n-Butylbenzene, sec-Butylbenzene, Ethylbenzene, p-Isopropylbenzene, p-Isopropyltoluene, Napthalene, n-Propylbenzene, Toluene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Xylenes (m-, p-) and Xylenes (o-) were detected in this sample at concentrations of 15, 60, 20, 51, 57, 3.3, 160, 160, 6.0, 90, 24, 29, and  $1.5 \mu\text{g/L}$ , respectively. No established state maximum contaminant levels (MCLs) exist for n-Butylbenzene, sec-Butylbenzene, p-Isopropylbenzene, p-Isopropyltoluene, Napthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene. The state MCL for Benzene, Ethylbenzene, and Xylenes is 1.0, 700, and  $1750 \mu\text{g/L}$ , respectively. Benzene, at a concentration of  $15 \mu\text{g/L}$ , was found to exceed its respective state MCL for drinking water of  $1.0 \mu\text{g/L}$ .
- **Boring B-4** – The groundwater sample from this boring location reported non-detectable concentrations of gasoline and diesel range hydrocarbons ( $< 0.50$  and  $< 50 \mu\text{g/L}$ , respectively). No VOCs were measured above their respective laboratory detection limits in this sample.
- **Boring B-6** – The groundwater sample from this boring location reported non-detectable concentrations of gasoline range hydrocarbons ( $< 0.50 \mu\text{g/L}$ ). Diesel range hydrocarbons were detected at a concentration of  $8,100 \mu\text{g/L}$  in this sample. The VOCs 1,2-Dichloroethane, cis-1,2-Dichloroethene, Tetrachlorethene, and Trichloroethene were detected at concentrations of 1.0, 0.7, 8.2 and  $1.5 \mu\text{g/L}$ , respectively. No established MCLs exist for 1,2-Dichloroethane and cis-1,2-

Dichloroethene. The state MCL for both tetrachlorethene, and trichloroethene is 5.0 µg/L. Tetrachlorethene, at a concentration of 8.2 µg/L, was found to exceed this state MCL.

#### TPH and VOCs in Soil:

Chemical analysis of soil samples indicated the following for each boring location:

○ **Boring B-1:**

- **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were detected at a concentration of 44 mg/kg in this sample. The VOCs 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylenes (o-) were detected at 0.002, 0.001 and 0.001 mg/kg, respectively. The US EPA Region IX preliminary remediation goals (PRGs) for 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylenes (o-) are 210, 17, and 270 mg/kg, respectively.
- **10 feet bgs** – The soil sample from a depth of 10 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were detected at a concentration of 6.0 mg/kg in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.

○ **Boring B-2:**

- **6 feet bgs** – The soil sample from a depth of 6 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were detected at a concentration of 39 mg/kg in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.

○ **Boring B-3:**

- **2 feet bgs** – The soil sample from a depth of 2 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
- **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported gasoline range hydrocarbons at a concentration of 1.1 mg/kg. Diesel range hydrocarbons were not analyzed in this sample. The VOCs n-Butylbenzene, Ethylbenzene, Isopropylbenzene, p-Isopropyltoluene, Napthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, and Xylenes (m-, p-) were detected in this sample at concentrations of 0.014, 0.07, 0.004, 0.003, 0.052, 0.020, 0.055, and 0.005 mg/kg, respectively. No PRGs have been established for Isopropylbenzene, p-Isopropylbenzene, or p-Isopropyltoluene. The PRGs for n-Butylbenzene, Ethylbenzene, Napthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, and Xylenes (m-, p-) are 240, 400, 1.7, 240, 520, and 270 mg/kg, respectively. No VOC contaminant was found to exceed its respective PRG in this sample.

- **7 feet bgs** – The soil sample from a depth of 7 feet bgs reported gasoline range hydrocarbons at a concentration of 160 mg/kg. Diesel range hydrocarbons were detected at a concentration of 390 mg/kg in this sample. The VOCs n-Butylbenzene, Isopropylbenzene, Napthalene, and n-Propylbenzene were detected in this sample at concentrations of 1.6, 0.82, 4.5, and 3.4 mg/kg, respectively. No PRG has been established for Isopropylbenzene. The PRGs for n-Butylbenzene, Napthalene, and n-Propylbenzene are 240, 1.7, and 240 mg/kg, respectively. Napthalene, detected at a concentration of 4.5 mg/kg, was found to exceed its respective PRG for residential soil of 1.7 mg/kg.
    - **12 feet bgs** – The soil sample from a depth of 12 feet bgs reported non-detectable concentrations of gasoline and diesel range hydrocarbons (< 0.50 and <1.0 mg/kg, respectively). The VOCs Isopropylbenzene and n-Propylbenzene were detected in this sample at concentrations of 0.005 and 0.009 mg/kg, respectively. No PRG has been established for Isopropylbenzene. The PRG for n-Propylbenzene is 240 mg/kg. No VOC contaminant was found to exceed its respective PRG in this sample.
  - **Boring B-4:**
    - **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported non-detectable concentrations of gasoline and diesel range hydrocarbons (< 0.50 and <1.0 mg/kg, respectively). No VOCs were measured above their respective laboratory detection limits in this sample.
  - **Boring B-6:**
    - **2 feet bgs** – The soil sample from a depth of 2 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
    - **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
    - **8 feet bgs** – The soil sample from a depth of 8 feet bgs reported non-detectable concentrations of gasoline and diesel range hydrocarbons (< 0.50 and <1.0 mg/kg, respectively). No VOCs were measured above their respective laboratory detection limits in this sample.
    - **12 feet bgs** – The soil sample from a depth of 8 feet bgs reported non-detectable concentrations of gasoline and diesel range hydrocarbons (< 0.50 and <1.0 mg/kg, respectively). The VOC Tetrachloroethene was detected in this sample at a concentration of 0.004 mg/kg. The PRG for Tetrachloroethene is 0.48 mg/kg. No VOC contaminant was found to exceed its respective PRG in this sample.

o **Boring B-10:**

- **2 feet bgs** – The soil sample from a depth of 2 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
- **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.

Based on the above results, the Alameda County Health Care Services Agency (ACEH) provided comments for further assessment in a letter dated February 16, 2006. Based on these comments, SECOR prepared the Workplan to Conduct an Additional Site Assessment to address potential up-gradient off-site groundwater contamination sources.

On April 24, 2006, SECOR's *Work Plan to Conduct Additional Site Assessment* was approved by the ACEH. The revised scope, allowing the drilling to be conducted prior to a file review, was approved by the ACEH on May 10, 2006.

The results of the additional site assessment are reported herein. The approximate locations of the borings are shown on the Plot Plan, Figure 2.



## 3.0 FIELD INVESTIGATION PROGRAM

### 3.1 SCOPE OF WORK

In accordance with SECOR's ACEH approved *Work Plan for Additional Site Assessment*, dated April 3, 2006, SECOR completed an investigation designed to evaluate the potential presence of up-gradient, off-site groundwater contamination sources affecting the Site. This work included the following tasks:

#### Task 1: USA Notification and Marking

As required by law, SECOR will visit the Site to mark the proposed boring locations and acquire a current Underground Service Alert (USA) ticket number prior to commencement of Site drilling activities.

#### Task 2: Pre-Drilling Activities

In accordance with federal OSHA regulations (29 CFR, Section 1910.120), SECOR will develop a site specific Health and Safety Plan (HASP) for the subject property. All SECOR personnel will be required to be familiar with, and comply with, all provisions of the HASP.

SECOR will coordinate site access, attempt to locate subsurface structures to avoid damage during drilling activities, and develop a project schedule with the Olson Company, site owner, and SECOR's subcontractors.

#### Task 3: Boring and Encroachment Permits

As required by the Alameda County Public Works Agency, SECOR will acquire the necessary well permits for the advancement of borings and the necessary encroachment permits to drill in the public right-of-way near the Site.

#### Task 4: Up-Gradient Groundwater Assessment

To evaluate the presence of contamination in the subsurface from up-gradient off-site sources, SECOR proposed advancing five (5) borings up-gradient of the Site in order to sample the groundwater for petroleum hydrocarbons and VOCs analysis. Hydropunch groundwater samples will be collected at a depth where water is first encountered, estimated to be approximately 5-7 feet bgs. The borings will be located in areas near the Site in an effort to best evaluate the contribution of potential contamination of groundwater by nearby LUST facilities. All groundwater samples will be submitted to a state certified laboratory for TPH carbon-chain (C6-C40) and VOCs analysis.

### 3.2 GROUNDWATER SAMPLING PROCEDURES

#### DIRECT PUSH GROUNDWATER SAMPLING PROCEDURES

Saturated soils were observed at approximately 7 feet bgs in borings SW-1 through SW-5. Upon reaching this approximate depth interval, each boring was terminated beneath first observed saturated soils (approximately 10 feet bgs) and a 48-inch long, 1-inch outer-diameter, slotted, PVC sampling pipe was inserted into the open bore hole. Additional PVC pipes without slots (risers) were attached to the top of the first pipe via water tight gasket fittings until the bottom of the borehole was reached. Poly tubing was then inserted in the PVC riser with a one way valve attached to its tip. Surging and bailing was completed as close as possible to the top of the groundwater level at each location.

Groundwater sampling was performed at borings SW-1 through SW-5. During sampling, groundwater was transferred directly from the top of the poly tubing bailer into clean glass containers (three 40mL vials and one 1 liter bottle for TPH-g/VOCs and TPH-Diesel analysis, respectively, for each boring) provided by the laboratory. Once the containers were full, threaded lids were attached, the containers labeled and placed into an iced cooler pending transport, under Chain-of-Custody, to a laboratory for chemical analysis. The Chain-of-Custody records for the groundwater sample collected during this investigation are presented in Appendix A.

### **3.3 BORING ABANDONMENT PROCEDURES**

Following the completion of borehole advancement and groundwater sampling, the borings were abandoned by removing the sampling equipment from the borehole and subsequently backfilling with neat cement, as prescribed by the Alameda County Public Works Department.

### **3.4 DECONTAMINATION PROCEDURES**

To maintain quality control during soil sampling, prior to each sampling interval, the sampling equipment was decontaminated in an Alconox scrub solution and double-rinsed, first with tap water followed by a final rinse using distilled water. In addition, prior to, and between each boring advanced, the hollow steel rods were cleaned following the same protocol.

#### **4.0 LABORATORY TESTING PROGRAM**

All samples obtained from the subsurface investigation were delivered under chain-of-custody (Appendix A) to Centrum Analytical Laboratories, Inc. (Centrum) located in Riverside, California. Centrum is certified to perform hazardous waste testing by the State of California Department of Health Services, Environmental Laboratory Accreditation Program.

Groundwater samples were analyzed for TPH (C4-C40) by EPA Test Method 8015m/GCMS/GC-FID and VOCs by EPA Test Method 8260B.

## 5.0 INVESTIGATION FINDINGS

### 5.1 FIELD OBSERVATIONS

The lithology encountered during drilling consisted of predominantly clays, with some silty sands, to the maximum explored hand augered depth of approximately 10 feet bgs. Groundwater was encountered at approximately 7 feet bgs.

Several borings were moved approximately 5 feet from their proposed locations due to marked underground utilities. These alterations did not change the proposed scope of work nor did they compromise the up-gradient groundwater coverage.

### 5.2 ANALYTICAL RESULTS

The laboratory test results are discussed below. A summary of the laboratory test results are found in Table 1 and the complete laboratory analytical test results are presented on the laboratory data sheets attached as Appendix A. Boring locations are presented on the attached Plot Plan, Figure 2.

A brief summary of the groundwater analysis is as follows:

#### TPH and VOCs in Groundwater:

Chemical analysis of groundwater samples indicated the following for each boring location:

#### TPH:

- **Boring SW-1 through SW-5** – All samples submitted for analysis reported non-detect concentrations of TPH (C4-C40).

#### Volatile Organic Compounds (VOCs):

- **Boring SW-1 through SW-4** – VOCs detected above their established MCL's include the following:
  - 1,2-dichloroethane (SW-1, SW-2, SW-3, and SW-4: 1.9 ug/L, 7.7 ug/L, 11 ug/L, and 5.0 ug/L, respectively (MCL: 0.5ug/L));
  - cis-1,2-dichloroethene (SW-3: 7.9 ug/L (MCL: 6.0ug/L));
  - tetrachloroethene (PCE) (SW-1, SW-2, and SW-3: 24 ug/L, 11 ug/L, and 18 ug/L, respectively (MCL: 5.0ug/L));
  - trichloroethene (TCE) (SW-2, SW-3, SW-4: 22 ug/L, 130 ug/L, and 16 ug/L, respectively (MCL: 5.0 ug/L)).
- **Boring SW-1 through SW-4** – VOCs detected below their established MCL's include the following:
  - cis-1,2-dichloroethene (SW-2 and SW-4: 3.8 ug/L and 5.3 ug/L, respectively (MCL: 6.0ug/L));
  - trans-1,2-dichloroethene (SW-3: 0.9 ug/L (MCL: 10 ug/L));

- tetrachloroethene (PCE) (SW-4: 2.4 ug/L (MCL: 5.0ug/L));
- trichloroethene (TCE) (SW-1: 1.3 ug/L (MCL: 5.0 ug/L))
- MtBE (SW-3: 1.1 ug/L (MCL: 13 ug/L))
- diisopropyl ether (SW-2 and SW-3: 5.4 ug/L and 5.1 ug/L, respectively (MCL: not established).

- **Boring SW-5** – The groundwater sample from this boring location reported non-detect concentrations for all VOC compounds.

### 5.3 ENVIRONMENTAL DATABASE REPORT REVIEW

#### EDR Surrounding LUST Site Review

**LUST** – The Leaking Underground Storage Tank Incident Reports database listings containing an inventory of the reported leaking underground storage tank incidents. Based on the EDR report, there are a total of 48 listed sites within a one-half mile radius of the Site. Due to case-closed status, soil only contamination, or distance from the Site (>1/4 mile up-gradient or >1/8 mile down-gradient) or a combination thereof, 42 of the listed sites are considered unlikely to represent an environmental concern to the Site. However, identification, location and potential Site impacts from the remaining sites are as follows:

**PE O'Hair & Company** of 339 3<sup>rd</sup> Street, is located approximately 350 feet north and up-gradient from the Site with respect to groundwater flow. This site is cross-listed under the CORTESE database. According to the EDR report, the leak was confirmed in January of 1996 sometime after an unspecified closure date of the UST. The case type is listed as "soil only" and no action has been taken at the site.

**Oakland Fisc.** of 331 4<sup>th</sup> Street is located approximately one-eighth mile northeast and up-gradient from the Site with respect to groundwater flow. According to the EDR report, this site is reported to have an onsite LUST. The case type indicates that groundwater had been contaminated, but the chemical released is not specified. Case closure has been granted for this site and MTBE contamination was reportedly detected, but no specifications are made as to the nature or degree of contamination. Due to the unspecified chemical type and given that groundwater is reported to have been contaminated, SECOR considers it possible that this site may have environmentally impacted the Site.

**PE O'Hair & Company** of 309 4<sup>th</sup> Street, is located approximately one-eighth mile northeast and up-gradient from the Site with respect to groundwater flow. This site is cross-listed under the CORTESE and NOTIFY 65 databases. According to the EDR report, the leak was discovered upon tank closure of the gasoline UST. The case type is listed as "undefined" and the case was closed in September of 1996. Due to the fact that this site is listed as undefined case type, groundwater may have been affected. Given the close proximity to the Site (one-eighth mile), SECOR considers it possible that this site may have environmentally impacted the Site.

**East Bay Tire Company** of 225 3<sup>rd</sup> Street, is located approximately one-eighth mile east and up-gradient from the Site with respect to groundwater flow. According to the EDR report, a

leaking gasoline UST was discovered upon tank closure. The case type is listed as "other groundwater affected" and the case was closed in May of 1997. Given that groundwater has been affected and the close proximity to the Site (one-eighth mile), SECOR considers it possible that this site may have environmentally impacted the Site.

**Miller Packing Company** is addressed as 201 and 206 2<sup>nd</sup> Street and is located approximately 350 feet east and cross- to down-gradient from the Site with respect to groundwater flow. This site is cross-listed under the HAZNET, CORTESE, and CA FID UST databases. According to the EDR report, the portion of this site addressed at 206 2<sup>nd</sup> Street reported a "soil only" contamination of diesel from an onsite UST which was discovered upon tank closure. Given the soil only contamination, SECOR considers it unlikely to represent an environmental concern to the Site and therefore, no further investigation is recommended. A gasoline release was reported upon tank closure for the portion of the site addressed as 201 2<sup>nd</sup> Street. The case type is reported as "undefined" and "preliminary assessment is underway." Due to the fact that this site is listed as undefined case type, groundwater may have been affected. Given the close proximity to the Site (~350 feet), SECOR considers it possible that this site may have environmentally impacted the Site.

**Future Amtrak Station** of 245 2<sup>nd</sup> Street, is located approximately 350 feet east and cross- to down-gradient from the Site with respect to groundwater flow. This site is cross-listed under the LUST database. According to the EDR report, the leak was discovered upon tank closure of the gasoline UST. The case type is listed as "other groundwater affected" and the case was closed in April of 1998. Due to the fact that this site is listed as having affected groundwater and given the close proximity to the Site (~350 feet), SECOR considers it possible that this site may have environmentally impacted the Site.

According to groundwater monitoring well data near the Site and previous subsurface investigations, groundwater is expected to be encountered at a depth of approximately 7 feet below the ground surface. As discussed above, EDR reports a total of 48 leaking underground storage tank (LUST) facilities located within a half-mile radius of the Site. Of these 48 sites, 32 are located up-gradient with respect to groundwater flow. Given the numerous instances of LUST facilities, SECOR considers it possible that groundwater in the vicinity of the Site has been affected by one or more of these identified releases.

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

At the request and authorization of the Olson Company, SECOR conducted an Additional Site Assessment of the subject property located at 311 2<sup>nd</sup> Street, Oakland, California. This work was conducted in accordance with SECOR's ACEH approved *Work Plan to Conduct Additional Site Assessment*, dated April 3, 2006, and the terms provided in The Olson Company's Master Consulting Services Agreement with SECOR dated November 28, 2001. This additional investigation was conducted to assess the potential up-gradient, off-site groundwater contamination sources affecting the Site.

The Site consists of approximately 1.1 acres of land located at 311 2<sup>nd</sup> Street in the City of Oakland, County of Alameda, California. The Site consists of 14 contiguous plots in addition to a redistributed portion of Harrison Street which comprise one parcel. Currently, the Site is occupied by Meyer Plumbing Supply. The Site is located in a commercial/industrial area of Oakland. The Site is bounded to the northwest by the Jack London Square Bath Gallery showroom and offices, a second office building, and an asphalt parking lot followed by Webster Street; to the northeast by 2<sup>nd</sup> Street then industrial buildings, a parking lot and offices; to the southwest by the Amtrak rail line followed by Embarcadero Street, a parking lot, and then a marina; and to southeast by an asphalt parking lot followed by the Jack London Square Amtrak Station. SECOR, and other consultants, conducted subsurface Phase II environmental site assessments which indicated that total petroleum hydrocarbons were present at elevated levels beneath the Site.

As presented in the ACEH letter approving SECOR's *Workplan to Conduct Additional Site Assessment*, dated April 24, 2006, evaluating the groundwater for releases from nearby sites that may be impacting the Site was required to identify leaking UST sites in the proximity of the target property.

On May 10, 2006, SECOR advanced five (5) borings up-gradient of the Site along 2<sup>nd</sup> street (see figure 2) in order to sample the groundwater for the presence of petroleum hydrocarbons and volatile organic compounds ("VOCs") analysis. Hydropunch groundwater samples were collected at a depth of approximately 7 feet below ground surface (bgs). The borings were located in areas near the Site in an effort to best evaluate the contribution of potential contamination of groundwater by nearby LUST facilities. All groundwater samples were submitted to a state certified laboratory for TPH carbon-chain (C6-C40) and VOCs analysis.

A brief summary of the groundwater analysis is as follows:

### Volatile Organic Compounds (VOCs) in Groundwater:

- o Boring SW-1 through SW-4 – VOCs detected above their established Maximum Contaminant Levels ("MCLs") include the following:
  - 1,2-dichloroethane (SW-1, SW-2, SW-3, and SW-4: 1.9 ug/L, 7.7 ug/L, 11 ug/L, and 5.0 ug/L, respectively (MCL: 0.5ug/L));
  - cis-1,2-dichloroethene (SW-3: 7.9 ug/L (MCL: 6.0ug/L));
  - tetrachloroethene (PCE) (SW-1, SW-2, and SW-3: 24 ug/L, 11 ug/L, and 18 ug/L, respectively (MCL: 5.0ug/L));
  - trichloroethene (TCE) (SW-2, SW-3, SW-4: 22 ug/L, 130 ug/L, and 16 ug/L, respectively (MCL: 5.0 ug/L)).

- o Boring SW-1 through SW-4 – VOCs detected below their established MCL's include the following:
  - cis-1,2-dichloroethene (SW-2 and SW-4: 3.8 ug/L and 5.3 ug/L, respectively (MCL: 6.0ug/L));
  - trans-1,2-dichloroethene (SW-3: 0.9 ug/L (MCL: 10 ug/L));
  - tetrachloroethene (PCE) (SW-4: 2.4 ug/L (MCL: 5.0ug/L));
  - trichloroethene (TCE) (SW-1: 1.3 ug/L (MCL: 5.0 ug/L))
  - MtBE (SW-3: 1.1 ug/L (MCL: 13 ug/L))
  - diisopropyl ether (SW-2 and SW-3: 5.4 ug/L and 5.1 ug/L, respectively (MCL: not established).
- o Boring SW-5 – The groundwater sample from this boring location reported non-detect concentrations for all VOC compounds.

TPH in Groundwater:

- o Boring SW-1 through SW-5 – All samples submitted for analysis reported non-detect concentrations of TPH (C4-C40).

EDR LUST File Review:

- o The EDR reports identify a total of 48 leaking underground storage tank (LUST) facilities within a half-mile radius of the Site. Of these 48 sites, 32 are located up-gradient with respect to groundwater flow beneath the Site. Given the numerous LUST facilities, SECOR considers it possible that groundwater in the vicinity of the Site is impacted by these up-gradient properties. The database listing these sites is attached as Appendix B.

The data indicates that groundwater up gradient (north) with respect to groundwater flow, from the Site is affected by various VOCs above MCLs. Based on the government databases reviewed, it is unclear which off-Site up gradient facility or facilities are responsible for the detected groundwater contamination at the Site. Based on the historic data obtained from the Site and the on-Site soil and groundwater sampling, no known source of VOC contamination is present on the Site. The VOCs PCE and TCE were however detected at B-6 in the northwest corner of the Site.

Although no TPH was detected in the off-site groundwater samples collected for the Additional Site Assessment, analytical data and the Environmental Database report indicates that volatile organic compounds and TPH are present in up-gradient off-site groundwater and likely approaching the Site at levels exceeding their respective maximum contaminant levels (MCLs). The Site is located approximately 700 feet from the Oakland Inner Harbor; therefore, aquatic cleanup levels may be appropriate for the soil and groundwater impact located in the vicinity of the Site's former UST. It should be noted that there is no evidence of a diesel plume beyond this former UST and this evidence was used to close the Site originally. The aquatic cleanup levels would be 640 ppb for TPHd and 500 ppb for TPHg. Also, though TPHd in groundwater was elevated near the UST, the



contamination near the tank is limited and will be addressed with future tank removal and associated dewatering. The Site is located in close vicinity to the harbor and as a result the groundwater beneath the Site is essentially unusable for residential purposes. Due to the unusable groundwater and the fact that there is no identified plume at the Site, the groundwater impact on the remainder of the Site can remain in place to degrade naturally.

The detected TPHd in groundwater identified at B-6 in the northwest corner of the Site (up-gradient of the only known source of TPH contamination on-Site (existing UST)) is not associated with any detected soil contamination at that location. Given the known sources of groundwater contamination reported to exist up gradient, and the VOCs detected in groundwater at the up gradient off-Site boring reported herein, it is still believed the source of the TPHd in groundwater at this location is from an off-Site source. SECOR is not recommending any further assessment on this issue and recommends the ACEH review this data for closure of the groundwater TPHd issue at B-6. The residual TPHg and TPHd at the existing UST location in the southeast corner of the Site will be dealt with at the time of removal of the UST in accordance with the ACEH agreed to procedures.

## 7.0 CLOSURE

SECOR's investigation has been performed with the degree of skill generally exercised by practicing engineers and geologists in the environmental field. SECOR makes no other warranty, either expressed or implied, concerning the conclusions and professional advice that is contained within the body of this report.

Inherent in most projects performed in a heterogeneous subsurface environment, continuing excavation and assessments may reveal findings that are different than those presented herein. This facet of the environmental profession should be considered when formulating professional opinions on the limited data collected on these projects.

This report has been issued with the clear understanding that it is the responsibility of the owner, or their representative, to make appropriate notifications to regulatory agencies. It is specifically not the responsibility of SECOR to conduct appropriate notifications as specified by current County and State regulations.

The information presented in this report is valid as of the date our exploration was performed. Site conditions may degrade with time; consequently, the findings presented herein are subject to change.

## 8.0 REFERENCES

### Technical References

Environmental Data Resources report, generated April 08, 2005

### Agency Contacts

Alameda County Department of Environmental Health, Mr. Barney Chan: (510) 567-6765

### Previous Reports

SECOR International, Inc [SECOR], 2004a, *Draft Phase I Environmental Site Assessment, 311 2<sup>nd</sup> Street, Oakland, California, dated April 22, 2005.*

SECOR, 2004b, *Phase II Environmental Site Assessment, 311 2<sup>nd</sup> Street, Oakland, California, dated May 18, 2005.*

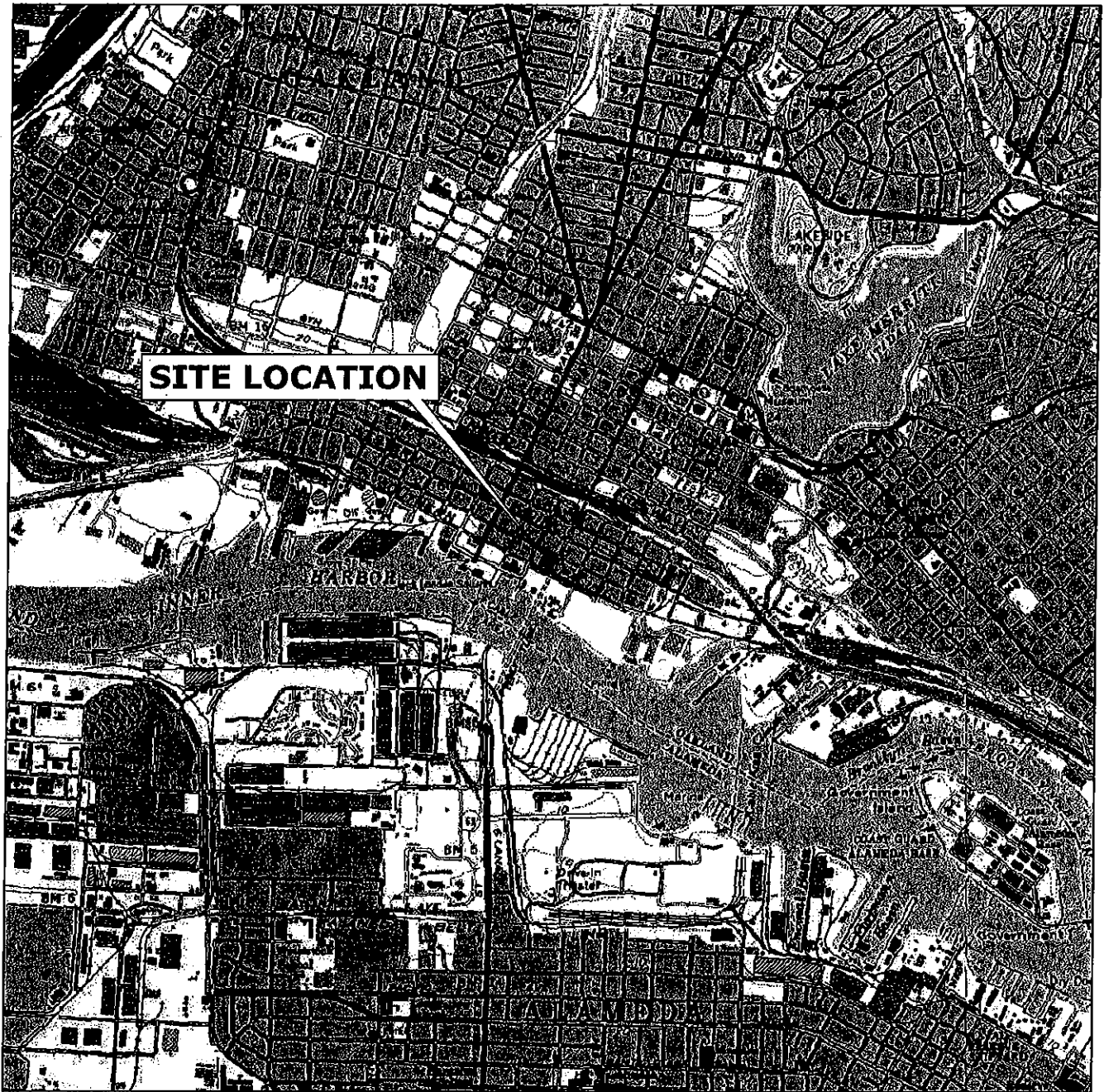
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SECOR  
INTERNATIONAL  
INCORPORATED

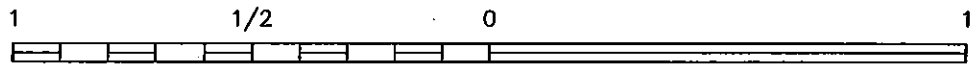


SECOR

FIGURES



CALIFORNIA



SCALE (MILES)

1000 0 1000 2000 3000 4000 5000 6000 7000



SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE; OAKLAND WEST, CALIFORNIA; 1993



**SECOR**

25884-F BUSINESS CENTER DRIVE  
REDLANDS, CALIFORNIA 92374  
PHONE: (909) 335-6118/(909) 335-6120 FAX

PREPARED FOR:

THE OLSON COMPANY

311 2nd STREET  
OAKLAND, CALIFORNIA

JOB NUMBER:

04OT.29220.21

DRAWN BY:

S. SIMMONS

CHECKED BY:

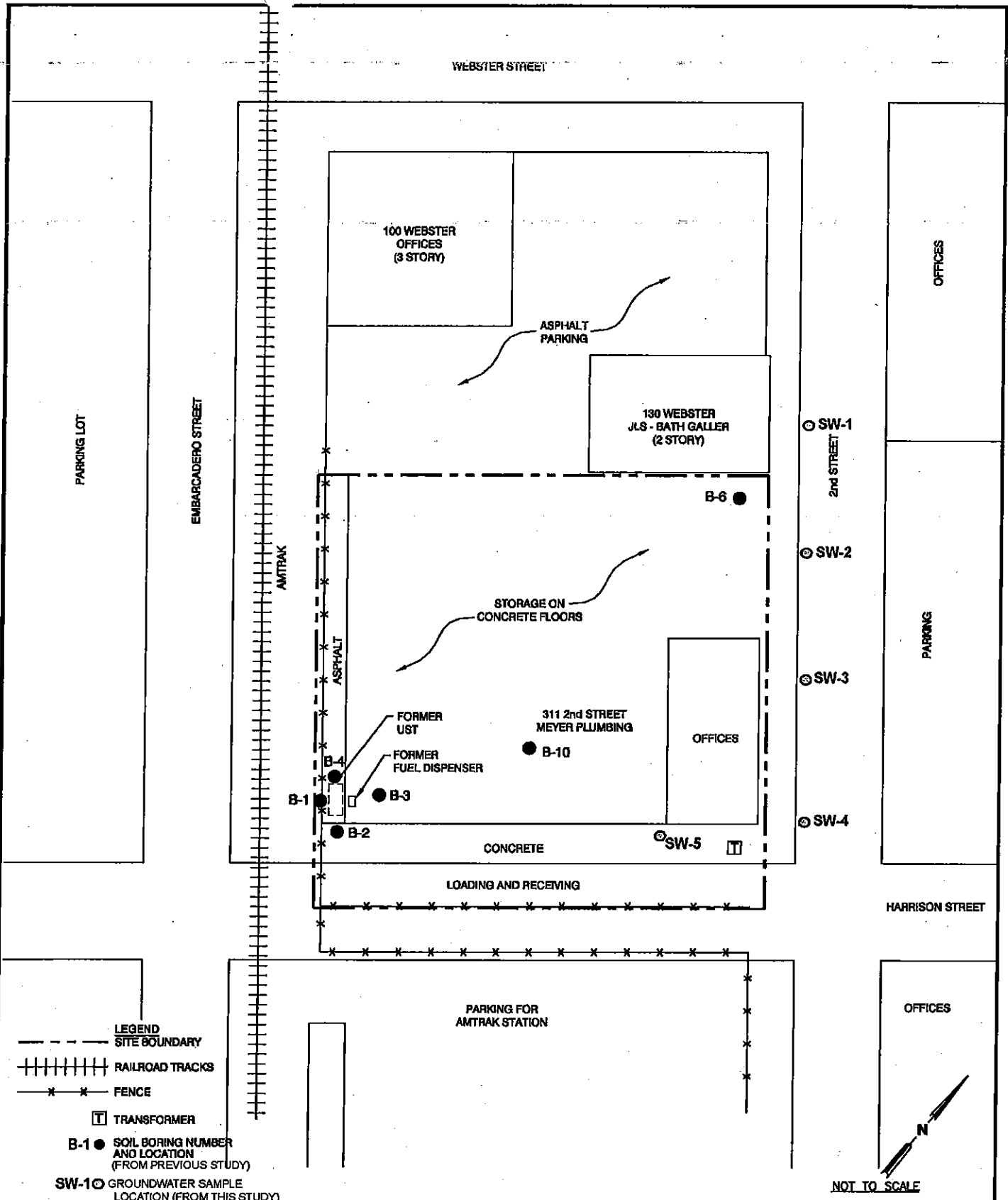
APPROVED BY:

FIGURE:

1


DATE:

4/21/05



- LEGEND**
- SITE BOUNDARY
  - ++++ RAILROAD TRACKS
  - x-x- FENCE
  - TRANSFORMER
  - B-1 ● SOIL BORING NUMBER AND LOCATION (FROM PREVIOUS STUDY)
  - SW-1 ○ GROUNDWATER SAMPLE LOCATION (FROM THIS STUDY)



 <b>SECOR</b> 25884-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116 / (909) 335-6120 FAX	FOR: <b>THE OLSON COMPANY</b> 311 2nd STREET OAKLAND, CALIFORNIA		<b>SITE PLAN</b>		FIGURE: <b>2</b>
	JOB NUMBER: 04QT.29220.21	DRAWN BY: S. SIMMONS	CHECKED BY:	APPROVED BY:	DATE: 4/21/05

**TABLES**



Table 1

Summary of Chemical Analysis of Groundwater Samples Collected from Borings SW-1, SW-2, SW-3, SW-4, and SW-5, EPA Test Methods 8015B, 8260B, and GCMS													
Location	Depth (ft)	Date	Petroleum Hydrocarbons (TPH) ug/L			Volatile Organic Compounds (VOCs) ug/L							
			TPH (gasoline range)	TPH (diesel range)	TPH (Motor Oil Range)	1,2-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Diisopropyl Ether (DIPE)	Tetrachloroethene	Trichloroethene	Methyl-tert-butyl ether (MtBE)	
SW-1	7.0	5/10/2006	ND	ND	ND	1.9	ND	ND	ND	24	1.3	ND	
SW-2	7.0	5/10/2006	ND	ND	ND	7.7	3.8	ND	5.4	11	22	ND	
SW-3	7.0	5/10/2006	ND	ND	ND	11	7.9	0.9	5.1	18	130	1.1	
SW-4	7.0	5/10/2006	ND	ND	ND	5.0	5.3	ND	ND	2.4	16	ND	
SW-5	7.0	5/10/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Federal/State MCL for Drinking Water µg/L						0.5	6	10		5.0	5.0	13	
Reporting Limit			500	400	400	0.5	0.5		0.5	0.5	0.5	1.0	

\*\* shaded boxes indicate contaminants for which there is no established MCL.

ND = Not detected above the given laboratory detection limits.

**APPENDIX A  
LABORATORY DATA SHEETS  
QA/QC RESULTS  
AND CHAIN-OF -CUSTODY RECORDS**



**Centrum  
Analytical  
Laboratories, Inc.**

CHRONIC HAZARDOUS WASTE TESTING MOBILE & IN HOUSE LABORATORIES

Client: SECOR  
25864-F Business Center Drive  
Redlands, CA 92374-4515

Date Sampled: 05/10/06  
Date Received: 05/11/06  
Job Number: 28050

Project: Olson - Oakland JLS

---

**CASE NARRATIVE**

---

The following information applies to samples which were received on 05/11/06:

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 05/17/06.

Report approved by:

*Tom Wilson* 2006.05.17  
14:56:48 -07'00'

Tom Wilson  
Laboratory Director

ELAP Lab# 2419, 2479, 2527, 2373, 2562

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions.  
ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Reporting Limit.  
NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.

Page 1 of 7

951•779•0310 or 800•798•9336 fax 951•779•0344  
www.centrum-labs.com 1401 Research Park Drive, Suite 100, Riverside, CA 92507





**QC Sample Report - Extractable Hydrocarbons as Diesel by GC/FID**

Matrix: Water

Batch number: 8015DW3794

**Batch Accuracy Results**

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Diesel	3.2	78	70 - 130	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Diesel	2.50	2.58	3%	25%	Pass

Analytical Notes:

MS: Matrix Spike

MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample

LCSD: Laboratory Control Sample Duplicate



**Centrum  
Analytical  
Laboratories, Inc.**

**QC Sample Report - Volatile Hydrocarbons as Gasoline by GCMS**

Matrix: Water  
Batch Number: MS4TPHGW3632

**Batch Accuracy Results**

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Gasoline	2.0	78	70 - 130	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Gasoline	1.57	1.58	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike  
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample  
LCSD: Laboratory Control Sample Duplicate

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
Project: Olson - Oakland JLS  
Job No.: 28050  
Matrix: Water  
Analyst: TU

Date Sampled: 05/10/06  
Date Received: 05/11/06  
Date Analyzed: 05/15/06  
Batch Number: MS48260W3632

Compounds	Sample ID: RL	Blank µg/L	SW-1 µg/L	SW-2 µg/L	SW-3 µg/L	SW-4 µg/L	SW-5 µg/L
Acetone	50	ND	ND	ND	ND	ND	ND
tert-Amyl Methyl Ether (TAME)	5.0	ND	ND	ND	ND	ND	ND
Benzene	0.5	ND	ND	ND	ND	ND	ND
Bromobenzene	1.0	ND	ND	ND	ND	ND	ND
Bromochloromethane	1.0	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.5	ND	ND	ND	ND	ND	ND
Bromoform	0.5	ND	ND	ND	ND	ND	ND
Bromomethane	2.0	ND	ND	ND	ND	ND	ND
tert-Butanol (TBA)	10	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	10	ND	ND	ND	ND	ND	ND
n-Butylbenzene	1.0	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.5	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.5	ND	ND	ND	ND	ND	ND
Carbon disulfide	10	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.5	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.5	ND	ND	ND	ND	ND	ND
Chloroethane	0.5	ND	ND	ND	ND	ND	ND
Chloroform	0.5	ND	ND	ND	ND	ND	ND
Chloromethane	2.0	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.5	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.5	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.5	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.5	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	10	ND	ND	ND	ND	ND	ND
Dibromomethane	0.5	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.5	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	1.9	7.7	11	5.0	ND
1,1-Dichloroethene	0.5	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.5	ND	ND	3.8	7.9	5.3	ND
trans-1,2-Dichloroethene	0.5	ND	ND	ND	0.9	ND	ND
1,2-Dichloropropane	0.5	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.5	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.5	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.5	ND	ND	ND	ND	ND	ND

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
 Project: Olson - Oakland JLS  
 Job No.: 28050  
 Matrix: Water  
 Analyst: TU

Date Sampled: 05/10/06  
 Date Received: 05/11/06  
 Date Analyzed: 05/15/06  
 Batch Number: MS48260W3632

Compounds	Sample ID: RL	Blank µg/L	SW-1 µg/L	SW-2 µg/L	SW-3 µg/L	SW-4 µg/L	SW-5 µg/L
cis-1,3-Dichloropropene	0.5	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.5	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	5.0	ND	ND	5.4	5.1	ND	ND
Ethylbenzene	0.5	ND	ND	ND	ND	ND	ND
Ethyl tert-Butyl Ether (EtBE)	5.0	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND
2-Hexanone	10	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.5	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.5	ND	ND	ND	ND	ND	ND
Methylene chloride	50	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	5.0	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	1.0	ND	ND	ND	1.1	ND	ND
Naphthalene	0.5	ND	ND	ND	NQ	ND	ND
n-Propylbenzene	0.5	ND	ND	ND	ND	ND	ND
Styrene	0.5	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.5	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.0	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.5	ND	24	11	18	2.4	ND
Toluene	0.5	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.5	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.5	ND	ND	ND	ND	ND	ND
Trichloroethene	0.5	ND	1.3	22	130	16	ND
1,2,3-Trichloropropane	0.5	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.5	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	5.0	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.5	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.5	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND
Xylenes, m-,p-	1.0	ND	ND	ND	ND	ND	ND
Xylene, o-	0.5	ND	ND	ND	ND	ND	ND

**Surrogates in % Recovery (Acceptance Limits: 70 - 130%)**

Sample ID:	Blank	SW-1	SW-2	SW-3	SW-4	SW-5
Dibromofluoromethane	101	99	100	103	102	103
Toluene-d8	100	100	99	100	100	101
Bromofluorobenzene	103	104	103	104	104	103





**QC Sample Report - Volatile Organic Compounds by EPA 8260B**

Matrix: Water

Batch Number: MS48260W3632

**Batch Accuracy Results**

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (µg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
1,1-Dichloroethene	50	80	70 - 130	Pass
Benzene	50	96	70 - 130	Pass
Trichloroethene	50	95	70 - 130	Pass
Toluene	50	96	70 - 130	Pass
Chlorobenzene	50	96	70 - 130	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (µg/L)	MSD Sample Result (µg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
1,1-Dichloroethene	40.13	48.95	20%	25%	Pass
Benzene	48.25	46.90	3%	25%	Pass
Trichloroethene	47.45	47.04	1%	25%	Pass
Toluene	47.55	46.04	3%	25%	Pass
Chlorobenzene	48.03	47.60	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike  
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample  
LCSD: Laboratory Control Sample Duplicate



**Centrum Analytical Laboratories, Inc.**

1401 Research Park Drive, Suite 100  
Riverside, CA 92507  
Voice: 951.779.0310 • 800.798.9336  
Fax: 951.779.0344

**Chain of Custody Record**

3299 Hill Street, Suite 305  
Signal Hill, CA 90755  
Voice: 562.498.7005  
Fax: 562.498.8617

www.centrum-labs.com

lab@centrum-labs.com

Centrum Job # **28050**

Page 1 of 1

Project No: <b>0407.20220.22</b>		Project Name: <b>Olson - Oakland JLS</b>	
Project Manager: <b>ANNE PEREZ</b>		Phone: <b>909 335 6116</b> Fax: <b>6120</b>	
Client Name: <b>Solor Redlands</b>		Address: <b>a.perez@solor.com</b>	
Centrum ID (Lab use only)		Date sampled	
Sample ID (As it should appear on report)		Time sampled	
Sample matrix		Site location	
Containers: # and type		Containers: # and type	
1 <del>WS-1</del> SW-1		4/10/06 1322 H <sub>2</sub> O	
2 <del>WS-2</del> SW-2		1344	
3 <del>WS-3</del> SW-3		1235	
4 <del>WS-4</del> SW-4		1446	
5 <del>WS-5</del> SW-5		1455	
		5/10/06	
1) Relinquished by (Sampler's Signature)		Date: 5/10/06 Time: 1045	
2) Received by:		Date: Time:	
3) Relinquished by:		Date: Time:	
4) Received by:		Date: Time:	
5) Relinquished by:		Date: Time:	
6) Received for Laboratory by: <i>Jen Criswell</i>		Date: 5/11 Time: 1045 am	
Laboratory Notes: * Sample ID corrections per Mitch 5/11 @ 10:50 am QO also, all samples were collected on 5/10/06 QO		Report Formats: Check all applicable	
		<input type="checkbox"/> Paper report <input type="checkbox"/> PDF report (include email address) <input type="checkbox"/> LARWOCS <input type="checkbox"/> EDF (includes global ID) <input type="checkbox"/> EDD (GISKEY) <input type="checkbox"/> EDD (Other) *	

**Please Circle Analyses Requested**

LUFF Diesel, or EPA 8015B GRO	LUFF Gas, or EPA 8015B GRO	Fuel ID (TVH, TEH), Carbon Chain (specify ranges)	8021B: BTEX/NDE Only	VOCs: 280B or 624	VOCs: BTEX/Oxygenates Only	SVOCs: 8270C, or 625	8081A0802: Pesticides, or PCBs, or Pest/PCB	Metals: Title 22 (CAM), or RCRA, or PP	Metals: TCLP, STLC	PH, TDS, TSS	418.1 (TRPH), or 413.2, or 1664
X	X	X	X	X	X	X	X	X	X	X	X

**Turn-Around Time**  
see note \*

24 Hr. RUSH \*  
 48 Hr. RUSH \*  
 Normal TAT  
 Other \_\_\_\_\_

\* Requires PRIOR approval, additional charges apply

Requested due date: \_\_\_\_\_

**Remarks/Special Instructions**

C4-C40 for Curator

**Sample Disposal**

Client will pick up  
 Return to client  
 Lab disposal

Sample Locator Number: **(FNOA)**

**APPENDIX B  
SUPPORTING DOCUMENTS**

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RECEIVED

MAY 15 2006

May 10, 2006

Mr. Ray Weymouth  
Meyer Plumbing Supply  
311 2<sup>nd</sup> St.  
Oakland, CA 94607

Mr. Phillip Kerr  
The Olson Company  
3130 Crow Canyon Place, Suite 210  
San Ramon, CA 94583

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

Dear Messrs. Weymouth and Kerr:

Subject: Fuel Leak Site, RO0000541, Meyer Plumbing Supply, 311 2<sup>nd</sup> St.,  
Oakland, CA 94607

Alameda County Environmental Health (ACEH) has received and reviewed the May 2, 2006 letter regarding the Workplan to Conduct Additional Site Assessment for the subject site prepared by Secor International Incorporated (SECOR). The letter provides Figure 2 indicating the locations of five (5) borings proposed for groundwater sampling along the perimeter of the property to investigate potential up-gradient sources of petroleum contamination. I previously approved of these locations in my May 2, 2006 e-mail to Ms. Anne Perez of SECOR. This letter provides written approval of the proposed borings as shown on Figure 2.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

cc: files, D. Drogos

✓ Mr. Kyle Emerson, Secor International, 25864-F Business Center Drive, Redlands,  
CA, 92374

5\_10\_06 311 2nd St

APR 28 2006

ALAMEDA COUNTY  
HEALTH CARE SERVICESAGENCY  
DAVID J. KEARS, Agency DirectorENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

April 24, 2006

Mr. Ray Weymouth  
Meyer Plumbing Supply  
311 2<sup>nd</sup> St.  
Oakland, CA 94607Mr. Phillip Kerr  
The Olson Company  
3130 Crow Canyon Place, Suite 210  
San Ramon, CA 94583

Dear Messrs. Weymouth and Kerr:

Subject: Fuel Leak Site, RO0000541, Meyer Plumbing Supply, 311 2<sup>nd</sup> St.,  
Oakland, CA 94607

Alameda County Environmental Health (ACEH) has received and reviewed the April 3, 2006 Workplan to Conduct Additional Site Assessment for the subject site prepared by Secor International Incorporated (SECOR). The work plan responds to County comments in our February 16, 2006 letter. Our office has the following technical comments for you to address and request you submit the technical report requested below.

## TECHNICAL COMMENTS

1. We concur with the proposed identification of leaking UST sites in the proximity of the site as part of determining if releases from nearby sites may be impacting this site. Please use this information to determine appropriate locations for the four (4) borings proposed up-gradient of the site. Please submit a figure indicating the locations of the borings for County concurrence prior to scheduling this work. It is noted that groundwater is proposed to be collected into clean 40 ml glass vials for analysis. Be aware that since TPH (C6-C40) is proposed for analysis, 1 liter samples must also be collected for TPHd analysis.
2. Lead Analysis- Our office concurs that lead in soil will not require additional characterization. We concur that that all excavated soil must be properly disposed. Reuse of soil must meet Cleanup Imported Fill Material requirements described by the Department of Toxics Substances Control (DTSC). Lead contamination identified will be characterized and its presence noted in a site map to be included in either a deed notice or deed restriction.
3. Underground Storage Tank Soil and Groundwater Contamination- We understand that the closed UST will be removed as part of the site re-development activities. Although unspecified in location and number, soil and groundwater samples will be collected at this time. We recommend sampling consistent with the Minimum Verification Analysis for Underground Tank Leaks used by Unidocs Member

Agencies. Recommended cleanup levels for soil and groundwater have been requested. Based upon the proposed construction at the site ie two floors of parking and residential above, and with the condition that no exposed soil exists on the ground floor, or if it does exist, it meets shallow soil residential standards, the cleanup levels for shallow soils, commercial setting and groundwater not a drinking water source appear appropriate ie soil: TPHd: 500 ppm and TPHg: 400 ppm. Groundwater contamination appears localized. Again, based upon the proposed site construction, concentrations of TPH in groundwater consistent with ceiling values for odor would be acceptable ie 2500 and 5000 ppb, for TPHd and TPHg, respectively. Residual TPH may also be dealt with by a risk management plan, RMP.

#### TECHNICAL REPORT REQUEST

Please submit the following technical report according to the following schedule:

- May 24, 2006- Figure showing proposed boring locations
- 60 days after completion of tank removal, soil excavation and soil and groundwater sampling- Soil and Groundwater Report

#### ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website: Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements ([http://www.swrcb.ca.gov/ust/cleanup/electronic reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting)).

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In order to facilitate electronic correspondence, we request that you provide up to date ~~electronic mail addresses for all responsible and interested parties.~~ Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at [barney.chan@acgov.org](mailto:barney.chan@acgov.org).

PERJURY STATEMENT

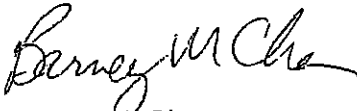
All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: files, D. Drogos

✓ Mr. Kyle Emerson, Secor International, 25864-F Business Center Drive, Redlands,  
CA, 92374

**Alameda County Environmental Cleanup  
Oversight Programs  
(LOP and SLIC)**

ISSUE DATE: July 5, 2005

REVISION DATE: December 16, 2005

PREVIOUS REVISIONS: October 31, 2005

SECTION: Miscellaneous Administrative Topics & Procedures

SUBJECT: Electronic Report Upload (ftp) Instructions

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

**REQUIREMENTS**

- \* Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- \* It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- \* Signature pages and perjury statements **must** be included and have either original or electronic signature.
- \* **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- \* Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- \* Reports must be named and saved using the following naming convention:  
RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

**Additional Recommendations**

- \* A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

**Submission Instructions**

**Obtain User Name and Password:**

- a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
  - i) Send an e-mail to [dehloptoxic@acgov.org](mailto:dehloptoxic@acgov.org)  
or
  - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
- b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**

**Upload Files to the ftp Site**

- a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
  - (i) Note: Netscape and Firefox browsers will not open the FTP site.
- b) Click on File, then on Login As.
- c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
- d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
- e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

**Send E-mail Notifications to the Environmental Cleanup Oversight Programs**

- a) Send email to [dehloptoxic@acgov.org](mailto:dehloptoxic@acgov.org) notify us that you have placed a report on our ftp site.
- b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., [firstname.lastname@acgov.org](mailto:firstname.lastname@acgov.org))
- c) The subject line of the e-mail must start with the RO# followed by Report Upload. (e.g., Subject: RO1234 Report Upload)





# EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERING

Permit valid for 90 days from date of issuance.

PAGE 2 of 2

PERMIT NUMBER <b>X 0600460</b>		SITE ADDRESS/LOCATION <b>* 311 2nd Street, Oakland, CA 94607</b>	
APPROX. START DATE <b>05-10-06</b>	APPROX. END DATE <b>05-10-06</b>	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number) <b>909 528 6881</b>	
CONTRACTOR'S LICENSE # AND CLASS <b>#705927 C57</b>		CITY BUSINESS TAX # <b>#1247727</b>	
ATTENTION: 1- State law requires that the contractor/owner call Underground Service Aien (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Aien (USA) # <b>153670</b> 2- 48 hours prior to starting work, you MUST CALL (510) 238-3651 to schedule an inspection. <b>5/10/06 11:00</b> 3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).			

### OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500):

I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances therein, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).

I am exempt under Sec. \_\_\_\_\_, B&PC for this reason \_\_\_\_\_

### WORKER'S COMPENSATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # **WC 151 33 02** Company Name **Granite State**

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars (\$100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

**X** *alsh* \_\_\_\_\_ Date **05-08-06**

Signature of Permittee	<input type="checkbox"/> Agent for <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Owner	DATE
ISSUED BY	DATE ISSUED	

# Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street  
Hayward, CA 94544-1395  
Telephone: (510)670-6633 Fax:(510)782-1939

**Application Approved on:** 05/01/2006 **By:** jamesy  
**Permits Issued:** W2006-0330

**Receipt Number:** WR2006-0207  
**Permits Valid from:** 05/08/2006 to 05/31/2006

**Application Id:** 1145551517834  
**Site Location:** For: 311 2nd Street

**City of Project Site:** Oakland

**Project Start Date:** 05/08/2006  
**Completion Date:** 05/31/2006

A total of four exploratory boreholes advanced on 2nd St and Harrison St

<b>Applicant:</b>	SECOR International, Inc - Anne Perez 25864-F Business Center Drive, Redlands, CA 92374	<b>Phone:</b> 909-335-6116
<b>Property Owner:</b>	Port of Oakland Port of Oakland 530 Water Street, Oakland, CA 94607	<b>Phone:</b> 510-627-1100
<b>Client:</b>	Phil Kerr 111 Deerwood Road, Suite 195, San Ramon, CA 94583	<b>Phone:</b> --
<b>Contact:</b>	Anne Perez	<b>Phone:</b> 909-335-6116 <b>Cell:</b> 909-335-6120

	<b>Total Due:</b> \$200.00
<b>Payer Name : SECOR International, Inc</b>	<b>Total Amount Paid:</b> \$200.00
	<b>Paid By:</b> CHECK <b>PAID IN FULL</b>

**Works Requesting Permits:**

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 4 Boreholes  
Driller: Vironex - Lic #: 705927 - Method: DP **Work Total: \$200.00**

**Specifications**

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2006-0330	05/01/2006	08/06/2006	4	2.00 in.	12.00 ft

**Specific Work Permit Conditions**

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit

## Alameda County Public Works Agency - Water Resources Well Permit

application on site shall result in a fine of \$500.00.

6. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

7. Spot Check Only

Inspector does not have to be present for grout inspection.

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## Enforcement

Penalty. Any person who does any work for which a permit is required by this chapter and who fails to obtain a permit shall be guilty of a misdemeanor punishable by fine not exceeding Five Hundred Dollars (\$500.00) or by imprisonment not exceeding six months, or by both such fine and imprisonment, and such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any such violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Pen. gen. code §3-160.6)

Enforcement actions will be determined by this office on a case-by-case basis

Drilling without a permit shall be the cost of the permit(s) and a fine of \$500.00 (Five Hundred Dollars).

Well Completion Reports (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies. Links to pertinent forms are provided below.

Well Completion Report Form\*

Well Owner's Request Form for Previously Filed Forms (41Kb)\*

Government Authorization Form for the Release of Forms (46 Kb)\*

Site Hazard Information Form (51 Kb)\*

\*Adobe PDF Reader is Required.

**Permit Fees are exempt to State & Federal Projects**

Applicants shall submit a letter from the agency requesting the fee exemption.

**Scheduling Work/Inspections:**

Alameda County Public Works Agency (ACPWA), Water Resources Section requires scheduling and inspection of permitted work. All drilling activities must be scheduled in advance. Availability of inspections will vary from week to week and will come on a first come, first served bases. To ensure inspection availability on your desired or driller scheduled date, the following procedures are required:

Please contact **George Bolton** at **510-670-5594** to schedule the inspection date and time (You must have drilling permit approved prior to scheduling).

Schedule the work as far in advance as possible (at least 5 days in advance); and confirm the scheduled drilling date(s) at least 24 hours prior to drilling.

Once the work has been scheduled, an ACPWA inspector will coordinate the inspection requirements as well as how the inspector can be reached if they are not at the site when inspection is required. Expect for special circumstances given, all work will require the inspection to be conducted during the working hours of 8:30am to 2:30pm., Monday to Friday, excluding holidays.

**Request for Permit Extension:**

Permits are only valid from the start date to the completion date as stated on the drilling permit application and Conditions of Approval. To request an extension of a drilling permit application, applicants must request in writing prior to the completion date as set forth in the Conditions of Approval of the drilling permit application. Please send fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. There are no additional fees for permit extensions or for re-scheduling inspection dates. You may not extend your drilling permit dates beyond 90 days from the approval date of the permit application. **NO** refunds shall be given back after 90 days and the permit shall be deemed voided.

**Cancel a Drilling Permit:**

Applicants may cancel a drilling permit only in writing by mail, fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. If you do not cancel your drilling permit application before the drilling completion date or notify in writing within 90 days, Alameda County Public Works Agency, Water Resources Section may void the permit and No refunds may be given back.

**Refunds/Service Charge:**

A service charge of \$25.00 dollars for the first check returned and \$35.00 dollars for each subsequent check returned.

Applicants who cancel a drilling permit application **before** we issue the approved permit(s), will receive a **FULL** refund (at any amount) and will be mailed back within two weeks.

Applicants who cancel a drilling permit application **after** a permit has been issued will then be charged a service fee of \$50.00 (fifty Dollars). To collect the remaining funds will be determined by the amount of the refund to be refunded (see process below).

Board of Supervisors Minute Order, File No. 9763, dated January 9, 1996, gives blanket authority to the Auditor-Controller to process claims, from all County departments for the refund of fees which do not exceed \$500 (Five Hundred Dollars)(with the exception of the County Clerk whose limit is \$1,500).

Refunds over the amounts must be authorized by the Board of Supervisors Minute Order, File No. 9763 require specific approval by the Board of Supervisors.

The forms to request for refunds under \$500.00 (Five Hundred Dollars) are available at this office or any County Offices.

If the amount is exceeded, a Board letter and Minute Order must accompany the claim. Applicant shall fill out the request form and the County Fiscal department will process the request.

# PROGRAMS AND SERVICES

## Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:

399 Elmhurst Street

Hayward, CA 94544

For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org

For Drilling Permit information and process contact James Yoo at

Phone: 510-670-6633

FAX: 510-782-1939

Email: Jamesy@acpwa.org

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6.88 . The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

Drilling Permit Jurisdictions in Alameda County: There are four jurisdictions in Alameda County.

Location:	Agency with Jurisdiction	Contact Number
Berkeley	City of Berkeley	Ph: 510-981-7460 Fax: 510-540-5672
Fremont, Newark, Union City	Alameda County Water District	Ph: 510-668-4460 Fax: 510-651-1760
Pleasanton, Dublin, Livermore, Sunol	Zone 7 Water Agency	Ph: 925-454-5000 Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County-area of Oakland, Alameda, Piedmont, Emeryville, Albany, San Leandro, San Lorenzo, Castro Valley, and Hayward . The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County.

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application (30 Kb)\*, along with a site map, should be submitted at least ten (10) working days prior to the planned start of work. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

Complete Permit Application Check List (24 Kb)\*

### Fees

Beginning April 11, 2005, the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells, shall cost \$300.00 per well.

A permit to bore exploratory holes, including temporary test wells, shall cost \$200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: Treasurer, County of Alameda

MAY 16 2006

Job Site 311 2ND ST

Parcel# 001 -0149-007-00

Appl# X0600460

Descr soil boring on 2nd st

Permit Issued 05/08/06

Work Type EXCAVATION-PRIVATE P

USA #

Util Co Job #  
Util Fund #

Acctg#:

Applicant

Phone#

Inc --License Classes--

Owner MYALL E O JR & H. W. WILSON

Contractor VIRONEX INC

Arch/Engr

Agent VIRONEX/C. YEE

Applic Addr 2110 ADAMS AVE SAN BRANDBRO, CA, 94577

(510) 568-7676 705927-057

(909) 335-6116

\$41.96 TOTAL FEES PAID AT ISSUANCE

\$59.00	Applic	\$300.00	Permit
\$.00	Process	\$34.11	Rec Mgmt
\$.00	Gen Plan	\$.00	Invstg
\$.00	Other	\$18.85	Tech Enh

JOB SITE

CITY OF OAKLAND

ADDRESS

Dist

Job Site 311 2ND ST

Parcel# 001 -0149-007-00

Appl# OB060334

reserve parking for soil boring on 2nd st

Permit Issued 05/08/06

Nbr of days: 1  
Effective: 05/10/06

Linear feet: 200  
Expiration: 05/10/06

SHORT TERM NON-METERED

Applicant	Phone#	Lic#	--License Classes--
Owner MYALL E O JR - HALL TRS - BBG			
Contractor VIRONEX INC	(510) 568-7676	705927-C57	
Arch/Engr			
Agent VIRONEX/CYBE	(909) 335-6116		
Applic Addr 2110 ADAMS AVE SAN LEANDRO, CA, 94577			

\$200.82 TOTAL FEES PAID AT ISSUANCE	
\$59.00 Applic	\$116.00 Permit
\$.00 Process	\$16.63 Rec Mgmt
\$.00 Gen Plan	\$.00 Invstg
\$.00 Other	\$9.19 Tech Enh

# CITY OF OAKLAND

JOB SITE

TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan.

Applicant: \_\_\_\_\_

Issued by: \_\_\_\_\_





# EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERING

AGE 2 of 2

Permit valid for 90 days from date of issuance.

PERMIT NUMBER <b>X0600460</b>		SITE ADDRESS/LOCATION <b>* 311 2nd Street, Oakland, CA 94607</b>	
APPROX. START DATE <b>05-10-06</b>	APPROX. END DATE <b>05-10-06</b>	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number) <b>909 528 6881</b>	
CONTRACTOR'S LICENSE # AND CLASS <b>#705927 C57</b>		CITY BUSINESS TAX # <b>#1247727</b>	

**ATTENTION:**

- 1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # 153670
- 2- 48 hours prior to starting work, you **MUST CALL** (510) 238-3651 to schedule an inspection.
- 3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).

**OWNER/BUILDER**

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500):

I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

I am exempt under Sec. \_\_\_\_\_, B&PC for this reason \_\_\_\_\_

**WORKER'S COMPENSATION**

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # WC 151 33 02 Company Name Granite State

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars (\$100) or less).

**NOTICE TO APPLICANT:** If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance, unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

Signature of Permittee: [Signature] Date: 05-08-06

Agent for  Contractor  Owner

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO	HOLIDAY RESTRICTION? (NOV - JAN) <input type="checkbox"/> YES <input type="checkbox"/> NO	LIMITED OBSTRUCTION AREA (7AM-9AM & 4PM-6PM) <input type="checkbox"/> YES <input type="checkbox"/> NO
ISSUED BY <u>[Signature]</u>		DATE ISSUED <u>05-08-06</u>	



Environmental  
Field Services

City of Oakland  
Public Works  
505 14<sup>th</sup> St.,  
2<sup>nd</sup> Floor  
Oakland, Ca 94612

To whom it may concern,

I hereby designate **Anne Perez** of **SECOR International** to act as an authorized representative for **Vironex, Inc.**, for the sole purpose of procuring permits for the construction, modification, repair, or destruction of wells or soil borings.

Sincerely,

*Angela Damanti*

Angela Damanti  
Office Manager

Oakland Business License # 1247727

Worker Comp - Granite State - WC 151 33 02

C57 License #705927

Vironex, Inc:

2110 Adams Ave.  
San Leandro, Ca 94577  
510-568-7676 Phone  
510-568-7679 Fax

2

from ESD  
1/12/07

**PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**  
311 2<sup>nd</sup> Street  
Oakland, California

**PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**

**311 2<sup>nd</sup> Street  
Oakland, California**

**Prepared for:  
The Olson Company**

**April 22, 2005**

**SECOR Job No. 04OT.29220.21**



SECOR  
INTERNATIONAL  
INCORPORATED

www.secor.com

25864-F Business Center Drive  
Redlands, California 92374  
909.335.6116 TEL  
909.335.6120 FAX

April 22, 2005

Ms. Molly Maybrun  
The Olson Company  
111 Deerwood Road, Suite 195  
San Ramon, California 94583

RE: PHASE I ENVIRONMENTAL SITE ASSESSMENT  
311 2<sup>nd</sup> Street  
Oakland, California  
SECOR Job No.: 04OT.29220.21

Dear Ms. Maybrun:

At the request and authorization of The Olson Company, SECOR International Incorporated (SECOR) has completed a Phase I Environmental Site Assessment (ESA) of the property located 311 2<sup>nd</sup> Street in the City of Oakland, California (the Site). This Phase I ESA was conducted in accordance with the scope of work and terms provided in The Olson Company's Master Consulting Services Agreement dated November 28, 2001 and ASTM Practice E1527-00. The following Executive Summary outlines SECOR's findings described in the following report. Please read the report for a comprehensive accounting of investigative results.

### EXECUTIVE SUMMARY

The Site consists of approximately 1.1 acres of land located at 311 2<sup>nd</sup> Street in the City of Oakland, County of Alameda, California. The Site consists of 14 contiguous plots in addition to a redistributed portion of Harrison Street which comprise one parcel. Currently, the Site is occupied by Meyer Plumbing Supply (see Section 2.5 below). A photographic log of current Site conditions is located in appendix A.

The Site is located in a commercial/industrial area of Oakland. The Site is bounded to the northwest by the Jack London Square Bath Gallery showroom and offices, a second office building, and an asphalt parking lot followed by Webster Street; to the northeast by 2<sup>nd</sup> Street then industrial buildings, a parking lot and offices; to the southwest by the Amtrak rail line followed by Embarcadero Street, a parking lot, and then a marina; and to southeast by an asphalt parking lot followed by the Jack London Square Amtrak Station.

The current structure on the Site is used predominantly to store plumbing parts and equipment (i.e. pipe, fittings, and tools). A small portion of the structure is also used as office space. Based on information obtained during this Phase I ESA (see below for additional detail) the Site has been occupied by this warehouse since prior to 1965. According to SECOR's review of historical documents, prior to 1939 until sometime before 1959 the Site was occupied by a smaller commercial structure. This structure is identified on Sanborn fire insurance maps as a steel fabricating and welding shop from sometime prior to 1950 until 1957.

The results of SECOR's Phase I ESA identified the following recognized environmental conditions (RECs) at the Site:

- According to groundwater monitoring well data near the Site and previous subsurface investigations, groundwater is expected to be encountered at a depth of approximately 7 feet below the ground surface. As in the following text, the EDR reports identify a total of 48 leaking underground storage tank (LUST) facilities within a half-mile radius of the Site. Of these 48 sites, 32 are located up-gradient with respect to groundwater flow of the Site. Given the numerous instances of LUST facilities, SECOR considers it possible that groundwater in the vicinity of the Site is impacted with petroleum hydrocarbons. SECOR recommends as a result of the potential groundwater contamination analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants (i.e. petroleum hydrocarbons and volatile organic compounds) are present at levels which exceed the acceptable human health risk criteria for residential development.
- The 1950 through 1957 Sanborn Fire Insurance maps indicate that a steel fabrication and welding shop is located on the Site. Potential contamination of Site soils may have occurred during the time when the shop and associated scrap iron storage yard were located on the Site. SECOR recommends sampling the Site soils for metals and petroleum hydrocarbons in order to assess whether these contaminants at levels which exceed human health risk criteria for residential development.
- According to the EDR report, the Site is listed under the LUST and Cortese databases for having a leaking underground storage tank. SECOR reviewed previous environmental reports supplied by the seller which discussed subsurface investigations relating to this UST under the oversight of the County of Alameda Department Environmental Health (ACDEH). A 1,000-gallon UST was reportedly closed in place prior to 1976 by filling it with concrete. This UST is reportedly still located on the property. It is unknown whether the UST stored gasoline or diesel. Previous soil and groundwater investigations indicated residual petroleum hydrocarbon contamination in the soil and groundwater in the vicinity of the UST, discussed as follows:
  - In September of 1993, two angled soil borings (SB-1 and SB-2) were drilled under the UST by Blymer Engineers, Inc. (BEI). BEI was contracted by Meter Plumbing Supply to perform a closure site assessment for the UST. Soil samples were obtained from SB-1 and SB-2 at 5.5 and 7.0 feet, respectively. Analytical results for borings SB-1 and SB-2 showed that TPH-D was detected at concentrations of 4.2 and 15,000 parts per million (ppm), respectively, and that lead was detected in concentrations of 71 and 84 ppm, respectively. In boring SB-1, TPH-G and BTEX were not detected except for 0.0090 ppm xylenes. In boring SB-2, TPH-G was detected at a concentration of 34 ppm while ethylbenzene and xylenes were detected at concentrations of 0.65 and 0.82 ppm, respectively. The groundwater sample from boring SB-2 showed 5.5 ppm TPH-D, 0.085 ppm TPH-G, and benzene, toluene and xylenes at concentrations of 0.0027, 0.00066, and 0.00051 ppm, respectively.
  - After receipt of the BEI report, the Alameda County Department of Environmental Health (ACDEH) indicated that further investigation would be necessary to vertically and laterally delineate the detected contamination. In response to this request, Meyer Plumbing contracted AllPro Environmental Corporation (AllPro) in March of 1996. At this time, AllPro obtained soil and groundwater samples from four borings placed down-, cross-, and up-gradient of the UST identified as B3 & B4, B5, and B6, respectively. All of these borings were placed outside the neighboring warehouse structure. According to the AllPro report, analytical results of soil samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected except for the

samples obtained from boring B6 at a depth of 4.5 feet, where TPH-D was detected at a concentration of 16 ppm. Lead was detected in the soil samples from borings B3, B4, B5, and B6 at concentrations of 58, 310, 9.3, and 23 ppm, respectively. According to the AllPro report, analytical results of groundwater samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected. Lead was detected in the groundwater samples from borings B3, B4, B5, and B6 at concentrations of 0.049, 1.7, 0.68, and 0.49 ppm, respectively.

- o In response to the AllPro report, the ACDEH issued a no further action letter dated June 18, 1996 whereupon case closure was granted for the former UST on the Site. This letter does state that any Site modifications such as a change in land use may require a "re-evaluation of the chemical exposure pathways, receptor sensitivities (i.e. residential vs. commercial/industrial), and other applicable criteria which may have been used to assess potential human health risk during the case closure process."

SECOR therefore recommends that future case closure requirements, if any, be determined through discussions with the ACDEH and Regional Water Board, based on the intended residential land use and in accordance with the department's requirements as set forth during initial case closure. SECOR also recommends additional soil and groundwater sampling be performed adjacent to the UST, including the interior of the warehouse structure where the former fuel dispenser was located, in order to confirm that contaminant levels exist below regulatory guidelines for residential development or to better estimate the volume of soils that must be excavated and the degree of groundwater remediation that may be necessary, if any, prior to such development. SECOR also recommends that the concrete-filled UST be removed as part of Site development.


Although not considered RECs, the following issues should be taken into consideration:

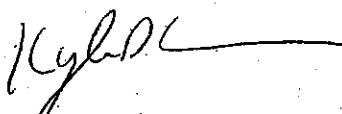
- Given the pre-1978 construction of the onsite structure, lead based paint (LBP) may have been utilized. SECOR understands that future Site demolition is planned. Thus, SECOR recommends a comprehensive, EPA/HUD-level LBP survey prior to demolition activities which may disturb any LBP present.
- Given the pre-1978 construction of the onsite structure, asbestos containing materials (ACMs) may have been utilized. SECOR understands that future Site demolition is planned. Thus, SECOR recommends the completion of a complete AHERA level pre-demolition ACM survey prior to demolition.

Except as listed above, no other RECs were identified by this Phase I ESA.

It has been a pleasure to provide these services for you, and we look forward to working with you in the future. Should there be any questions concerning the information contained in the following report, please contact the undersigned at (909) 335-6116.

Respectfully submitted,  
**SECOR International Incorporated**

  
Justin Hone  
Staff Geologist

  
Kyle D. Emerson, CEG-1271  
Senior Vice President

Ms. Molly Maybrun  
April 22, 2004  
Page 4

cc: Mr. Preston Brooks  
Cox, Castle, Nicholson LLP  
2049 Century Park East, 28<sup>th</sup> Floor  
Los Angeles, California 90067



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### FIGURES

- Figure 1 - Site Location Map
- Figure 2 - Site Plan

### APPENDICES

- Appendix A - Site Photographs
- Appendix B - Environmental Data Resources Database Report
- Appendix C - Supporting Documents

## **1.0 INTRODUCTION**

### **1.1 OBJECTIVE**

The objective of this Phase I Environmental Site Assessment (ESA) was to perform an appropriate inquiry into the past and current uses of the Site. The work scope was intended to comply with the scope of work and terms contained in The Olson Company's Master Service Environmental Consulting Agreement protocols for Phase I ESAs exhibit-A "Assessment Protocol for Phase I Assessment" and ASTM Practice E1527-00.

### **1.2 SCOPE OF WORK**

As stated above, the Phase I ESA was performed in accordance with the scope of work and terms provided in The Olson Company's Master Consulting Services Agreement dated November 28, 2001. However, the scope of services did not include an assessment of Lead Based Paint (LBP) and asbestos containing materials (ACM) at the Site.

## 2.0 SITE DESCRIPTION

### 2.1 LOCATION AND STATISTICS

The Site consists of approximately 1.1 acres of land located at 311 2<sup>nd</sup> Street in the City of Oakland, County of Alameda, California. The Site consists of 14 contiguous plots in addition to a redistributed portion of Harrison Street which comprise one parcel.

*Property statistics:*

Assessor Parcel Number: 001-0149-007

Current site owners: Edward Myall and Ray Weymouth

### 2.2 SITE AND VICINITY CHARACTERISTICS

The Site consists of approximately 1.1 acres of land located at 311 2<sup>nd</sup> Street in the City of Oakland, County of Alameda, California. The Site consists of 14 contiguous plots in addition to a redistributed portion of Harrison Street which comprise one parcel. Currently, the Site is occupied by Meyer Plumbing Supply (see Section 2.5 below). A photographic log of current Site conditions is located in appendix A.

The Site is located in a commercial/industrial area of Oakland. The Site is bounded to the northwest by Jack London Square Bath Gallery, an office building, and an asphalt parking lot followed by Webster Street; to the northeast by 2<sup>nd</sup> Street then industrial buildings and offices; to the southwest by the Amtrak rail line followed by Embarcadero Street, a parking lot, and then a marina; and to southeast by an asphalt parking lot followed by the Jack London Square Amtrak Station.

### 2.3 DESCRIPTIONS OF STRUCTURES, ROADS AND OTHER RELEVANT IMPROVEMENTS ON THE SITE

The Site is developed with a single warehouse structure. Portions of the Site not occupied by this structure were fenced in with chain-link and asphalt paved. The portion of Harrison Street adjacent to the Site structure had been closed off, bisected, and redistributed to the adjacent properties. Therefore, the northwestern half of Harrison Street (between 2<sup>nd</sup> Street and the Amtrak rail lines) lies within the Site boundaries. The Amtrak tracks parallel the southwestern boundary of the Site.

### 2.4 ENVIRONMENTAL LIENS

SECOR, during the course of this due diligence investigation, uncovered no environmental liens on the Site. A preliminary Title Report was not provided for SECOR's review.

### 2.5 CURRENT AND PREVIOUS PROPERTY USE

The current structure on the Site is used predominantly to store plumbing parts and equipment (i.e. pipe, fittings, and tools). A small portion of the structure is also used as office space. Based on information obtained during this Phase I ESA (see below for additional detail) the Site has been occupied by this warehouse since prior to 1965. Prior to 1939 until sometime before 1959, the Site was occupied by a smaller commercial structure. According to SECOR's review of historical documents (Sanborn Fire Insurance maps, section 5.2), this structure is identified as a steel fabricating and welding shop from prior to 1950 until 1957.

### 3.0 PROPERTY RECONNAISSANCE

SECOR performed a reconnaissance of the Site on April 13, 2005. Mr. Ken Meyerseik (broker) provided access to the property. Mr. Gannon Myall of Meyer Plumbing Supply was present during the Site walk. Weather conditions were clear and no weather related obstructions were encountered.

The purpose of the reconnaissance was to identify existing conditions and land uses that may suggest potential environmental impact to the Site. Such conditions, to the extent visible and accessible, include storage, disposal and treatment of solid and/or hazardous waste, storage tanks and other chemical containers, odors, pools of liquid, staining, drains, sumps, pits, ponds, lagoons, septic systems, wells, unusual soil disturbance, stressed vegetation, and electrical transformers.

Field notes of the property reconnaissance are detailed further in the remainder of this report. Photographs taken of the Site are included in Appendix A.

#### 3.1 INTERIOR PROPERTY OBSERVATIONS

The majority of the Site is occupied by the warehouse addressed at 311 2<sup>nd</sup> Street. The warehouse structure is used predominantly to store plumbing parts and equipment (i.e. pipe, fittings, tools). A small portion of the structure is also used as office space. The structure is approximately 30,000 square feet in size and is constructed of tilt-up concrete perimeter walls and wood beam rafters. The office portions of the structure are two-story and fit under the warehouse ceiling which is approximately 30 feet tall. Two shipping/receiving bay doors were located on each of the 2<sup>nd</sup> Street and Harrison Street sides of the structure. Three bay doors were located at the rear of the structure, closest to the Amtrak rails. A dumpster was located in the northernmost corner of the structure and appeared to contain non-hazardous solid wastes. A photographic log of Site conditions is attached in Appendix A.

#### 3.2 EXTERIOR PROPERTY OBSERVATIONS

Portions of the Site not occupied by the warehouse structure were paved with either concrete (sidewalks along Harrison and 2<sup>nd</sup> Streets) or asphalt (rear outdoor storage area and Harrison Street). The abandoned UST referenced in section 3.3 is located adjacent to the southern corner of the structure, within the rear outdoor storage area. This location was not observable, however, due to the overlying miscellaneous storage. A photographic log of Site conditions is attached in Appendix A. As stated in section 3.3 the abandoned UST will need to be removed as part of Site development activities.

##### 3.2.1 Electrical Transformers

Electrical transformers, hydraulic equipment capacitors, fluorescent light fixtures, and similar equipment may contain polychlorinated biphenyls (PCBs) in the hydraulic fluids or dielectric insulating fluids within the units. The federal Toxic Substances Control Act (TSCA) generally prohibited the domestic manufacture of PCBs after 1979. There is, however, potential that the dielectric fluid in electrical and hydraulic equipment manufactured and constructed prior to that date contains PCBs.

Electrical power lines extend along 2<sup>nd</sup> Street and a portion of Harrison Street. Three pole-mounted electrical transformers were observed near the intersection of these two streets. The transformers appeared in good condition and no staining or other signs of release were observed at the time of SECOR's

Site reconnaissance. As a result, SECOR concludes that PCBs are unlikely to represent an environmental concern to the Property and therefore recommends no further assessment.

### **3.2.2 Surface Drainage**

Storm water runoff from the Site would drain off-site via sheet flow towards storm drains located at various locations on the streets. No evidence of improper discharge from the Site was observed during SECOR's Site reconnaissance.

### **3.2.3 Surface Water**

No surface water was visually identified at the property during SECOR's Site reconnaissance.

### **3.2.4 Exterior Hazardous Materials Storage Areas**

SECOR identified no exterior hazardous material storage areas onsite other than drummed oils discussed above.

### **3.2.5 Exterior and Interior Subsurface Structures**

No subsurface structures were identified at the Site.

## **3.3 STORAGE TANKS**

SECOR observed no aboveground storage tanks (ASTs) at the Site during SECOR's Site reconnaissance.

According to the EDR report, the Site is listed under the LUST and Cortese databases for having a leaking underground storage tank. SECOR reviewed previous environmental reports which were supplied by the seller and discussed subsurface investigations relating to this UST. A 1,000-gallon UST was reportedly closed in place prior to 1976 by filling it with concrete. It is unknown whether the UST stored gasoline or diesel. Previous soil and groundwater investigations indicated residual contamination in the vicinity of the UST, discussed as follows:

In September of 1993, two angled soil borings (SB-1 and SB-2) were drilled under the UST by Blymer Engineers, Inc. (BEI). BEI was contracted by Meter Plumbing Supply to perform a closure site assessment for the UST. Soil samples were obtained from SB-1 and SB-2 at 5.5 and 7.0 feet, respectively. Analytical results for borings SB-1 and SB-2 showed that TPH-D was detected at concentrations of 4.2 and 15,000 parts per million (ppm), respectively, and that lead was detected in concentrations of 71 and 84 ppm, respectively. In boring SB-1, TPH-G and BTEX were not detected except for 0.0090 ppm xylenes. In boring SB-2, TPH-G was detected at a concentration of 34 ppm while ethylbenzene and xylenes were detected at concentrations of 0.65 and 0.82 ppm, respectively. The groundwater sample from boring SB-2 showed 5.5 ppm TPH-D, 0.085 ppm TPH-G, and benzene, toluene and xylenes at concentrations of 0.0027, 0.00066, and 0.00051 ppm, respectively.

After receipt of the BEI report, the Alameda County Department of Environmental Health (ACDEH) indicated that further investigation would be necessary to vertically and laterally delineate the detected contamination. In response to this request, Meyer Plumbing contracted AllPro Environmental Corporation (AllPro) in March of 1996. At this time, AllPro obtained soil and groundwater samples from four borings placed down-, cross-, and up-gradient of the UST identified as B3 & B4, B5, and B6, respectively. All of these borings were placed outside the neighboring warehouse structure. According to the AllPro report, analytical results of soil samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected

except for the samples obtained from boring B6 at a depth of 4.5 feet, where TPH-D was detected at a concentration of 16 ppm. Lead was detected in the soil samples from borings B3, B4, B5, and B6 at concentrations of 58, 310, 9.3, and 23 ppm, respectively. According to the AllPro report, analytical results of groundwater samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected. Lead was detected in the groundwater samples from borings B3, B4, B5, and B6 at concentrations of 0.049, 1.7, 0.68, and 0.49 ppm, respectively.

In response to the AllPro report, the ACDEH issued a no further action letter dated June 18, 1996 whereupon case closure was granted for the former UST on the Site. This letter does state that any Site modifications such as a change in land use may require a "re-evaluation of the chemical exposure pathways, receptor sensitivities (i.e. residential vs. commercial/industrial), and other applicable criteria which may have been used to assess potential human health risk during the case closure process."

SECOR recommends that future case closure requirements, if any, be determined through discussions with the ACDEH and Regional Water Board, based on the intended residential land use and in accordance with the department's requirements as set forth during initial case closure. SECOR also recommends additional soil and groundwater sampling be performed adjacent to the UST, including the interior of the warehouse structure where the former fuel dispenser was located, in order to confirm that contaminant levels exist below regulatory guidelines for residential development or to better estimate the volume of soils that must be excavated and the degree of groundwater remediation that may be necessary, if any, prior to such development. SECOR also recommends that the concrete-filled UST be removed as part of Site development.

### **3.4 LEAD-BASED PAINT (LBP)**

Lead is a pliable, soft metal that is used in the construction of pipes, rods, and containers. Before 1978, lead was a common ingredient in paint because it added strength, shine and extended the life of the paint. In 1978 the EPA banned the use of lead pigments in paints used on interior and exterior residential surfaces. Lead poisoning can result from children having access to, and ingestion (by chewing) of Lead-Based Paint (LBP) covered surfaces. Inhalation of dust produced by normal oxidation, or scraping/sand-blasting of the paint, which may contain significant amounts of lead, is also a health hazard. The EPA/HUD action level for lead-based paint is 0.5% dry weight.

According to historical records (aerial photograph review Section 5.1), the existing Site structure was built prior to 1965. Given the known pre-1978 construction of the onsite structure, lead based paint (LBP) may have been utilized. Thus, SECOR recommends a comprehensive, EPA/HUD-level LBP survey prior to demolition activities which may disturb any lead paint present.

### **3.5 ASBESTOS CONTAINING MATERIAL (ACM)**

Asbestos is a common term for a group of naturally occurring mineral fibers. Due to its durability and insulating quality, it was used in a wide variety of building products including structural fireproofing, pipe and duct insulation, plasters, roofing, floor tile, and linoleum. Adverse health effects have been associated with the inhalation of airborne asbestos fibers. The asbestos fibers that are tightly bound in building materials, however, do not represent an exposure hazard unless disturbed in such a way that releases airborne fibers (i.e., cutting, drilling, or sanding). By June of 1978, the US Environmental Protection Agency (US EPA) had effectively banned the use of asbestos in building materials.

According to historical records (aerial photograph review Section 5.1), the existing Site structure was built prior to 1965. Given the known pre-1978 construction of the onsite structure, ACMs may have been

utilized. SECOR understands that future Site demolition is planned. Thus, SECOR recommends the completion of a complete AHERA level pre-demolition ACM survey prior to demolition.

### **3.6 MOLD**

Fungi (the plural of fungus) is the biological term for molds, mildew, yeast, and mushrooms. Microfungi are the fungi most likely to affect buildings and are commonly found in bathrooms (i.e. Auerobasidium or Cladosporium), around windows (i.e. Cladosporium) and on drywall, baseboards, and carpet (i.e. Penicillium, Aspergillus, Chaetomium, or Stachybotrys), and in other locations of buildings and building systems. Microfungi are so small that they can only be seen when they are growing in visible colonies (with millions of spores) or with the aid of a microscope.

A mycotoxin (a substance produced by molds under certain conditions) is produced both inside the spores and on the surface of the spores and can cause a toxic response in humans when ingested, inhaled, or exposed to the skin. A mold spore, the reproductive part of the mold, can also cause allergic reactions.

Standing water and wet materials are breeding grounds for microorganisms such as bacteria and mold. Failure to remove contaminated materials and to reduce moisture and humidity can allow the unchecked growth of mold, causing damage to building materials and representing long-term health risks.

SECOR conducted a limited mold investigation during the Site reconnaissance that consisted of visual observation of exposed surfaces. SECOR observed no mold-contaminated surfaces during SECOR's Site inspection.

### **3.7 RADON**

Radon is a naturally occurring, gaseous radioactive element that is produced through the radioactive decay of natural uranium. Radon is found in earth, rock, and water at various concentrations based on geology and geographical location. Radon becomes problematic in areas of high radon concentration when the gas accumulates within buildings. Radon gas, when inhaled continuously, has been shown to cause lung cancer.

The Site is located in an area designated as a Radon Zone Level 2 with a predicted average indoor screening level greater than 2 pCi/L and less than 4 pCi/L. The information regarding this determination is contained in the EDR report attached as Appendix B. Based on this data, Radon is unlikely to represent an environmental concern to the Site.

### **3.8 WASTE DISPOSAL ISSUES**

No evidence of illegal dumping of hazardous materials was observed during SECOR's Site reconnaissance.

### **3.9 PESTICIDE ISSUES**

Based on the historical research (aerial photograph review Section 5.1 and records review section 4.2.10), SECOR determined that the Site has not been historically used for agricultural purposes. As a result no further investigation is warranted or recommended with respect to pesticides on the Site.



### **3.10 REGIONAL GEOLOGY AND HYDROGEOLOGY**

The site is located at an approximate elevation of approximately 15 feet above mean sea level (msl) as shown on Figure 1. The Site is located in the California Coast Range Geomorphic Province characterized by northwest-southeast trending mountains and faults. Basement rocks underlying the Site are mapped as Late Jurassic to Early Cretaceous Franciscan Formation (CDMG, 1961). The Franciscan Formation consists of intensely deformed subduction mélange containing sedimentary rocks, volcanics, and metamorphic serpentinites. The subject property lies in a topographic depression caused by localized east-west extension caused by transtension between the Hayward and San Andreas faults.

Although no active faults are mapped within 1-mile of the subject property (CDMG, 1998), the Site is located within a seismically active area. The nearest recently active faults include: the northern segment of the Hayward fault, located approximately 1.5 miles northeast of the Site; the San Andreas fault located approximately 15 miles to the southwest; and the Calaveras fault located approximately 12.5 miles northeast of the Site. These faults are capable of generating seismic moments ranging between magnitude 6.8 and 7.9.

The Site is located within the California Regional Water Quality Control Board (RWQCB), San Francisco Region (2). A groundwater monitoring well located approximately one-eighth mile north of the Site indicates groundwater at 7 feet below ground surface (bgs) with groundwater flow towards the southwest.

Previous subsurface investigations conducted on the Site agree with this reported depth to groundwater of approximately 7 feet. The San Francisco Bay is located to the southwest of the Site. Based on the location of the Site and topographic gradient, inferred groundwater gradient would be to the southwest.

### **3.11 ADJACENT SITE RECONNAISSANCE**

The Site is located in a commercial/industrial area of Oakland. The Site is bounded to the northwest by Jack London Square Bath Gallery, an office building, and an asphalt parking lot followed by Webster Street; to the northeast by 2<sup>nd</sup> Street then industrial buildings and offices; to the southwest by the Amtrak rail line followed by Embarcadero Street, a parking lot, and then a marina; and to southeast by an asphalt parking lot followed by the Jack London Square Amtrak Station. No RECs were identified on adjoining properties during SECOR's Site reconnaissance.

## 4.0 PUBLIC RECORD REVIEW SECTION

### 4.1 ENVIRONMENTAL DATA RESOURCES REPORT

SECOR contracted with Environmental Data Resources, Inc. (EDR) to review databases maintained by various federal and state environmental agencies. The purpose of the review was to identify reported listings for the subject property or other properties in the vicinity. The reviewed databases included federal and state lists of known or suspected contaminated sites, known handlers or generators of hazardous waste, known waste disposal facilities, and permitted storage tanks. The complete database search is attached as Appendix B.

The databases which were researched and the searched distances for each database, if applicable, include the following described below:

#### Federal ASTM Standard

- NPL, US Environmental Protection Agency (EPA): National Priorities List, a listing of Federal Superfund sites, one mile. Date of government version 12/14/04;
- Proposed NPL, US EPA: Proposed National Priorities List, a listing of proposed Superfund sites, one mile. Date of government version 12/14/04;
- CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System, a listing of potentially hazardous waste sites that have been reported to the US EPA, one-half mile. Date of government version 02/15/05;
- CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned, a listing of CERCLIS sites where no contamination was found, contamination was removed quickly, or contamination was not serious enough for NPL consideration, one-quarter mile. Date of government version 03/22/05;
- CORRACTS: Corrective Action Report identifies hazardous waste handlers with RCRA corrective action activity, one mile. Date of government version 12/15/04;
- RCRA: Resource Conservation and Recovery Information System includes selective information on sites which generate, transport, store or treat hazardous waste as defined by the RCRA act. Large quantity generators (LQG), one-quarter mile; small quantity generators (SQG), one-quarter mile; treat, store, or disposal sites (TSD), one-half mile. Date of government version 01/10/05; and
- ERNS: Emergency Response Notification System includes information on reported releases of oil and hazardous substances, target property only. Date of government version 12/31/04.

#### State ASTM Standard

- AWP: Annual Workplan Sites, a listing of known hazardous waste sites, one mile. Date of government version 02/07/05;
- CAL-SITES: The CAL-SITES database contains potential or confirmed hazardous substance release properties, one mile. Date of government version 02/07/05;
- CHMIRS: California Hazardous Material Incident Report System contains information on reported hazardous material incidents (accidental releases or spills), target property only. Date of government version 12/31/03;
- CORTESE: Hazardous Waste and Substances Sites List. The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF) and the Department of Toxic Substances Control (Cal-Sites), one-half mile. Date of government version 04/01/01;
- NOTIFY 65: Proposition 65 Records contains facility notifications about any release which could impact drinking water, one mile. Date of government version 10/21/93;

- TOXIC PITS: Toxic Pits Cleanup Act sites, this listing identifies sites suspected of containing hazardous substances where cleanup has not yet been completed, one mile. Date of government version 07/01/95;
- SWF/LF (SWIS): Solid Waste Land Fill Information System database consists of active, closed and inactive landfills, one-half mile. Date of government version 03/14/05;
- WMUDS/SWAT: Waste Management Unit Database includes program tracking and inventory of waste management units, one-half mile. Date of government version 04/01/00
- LUST: Leaking Underground Storage Tank, this listing contains an inventory of reported leaking underground storage tank incidents, one-half mile. Date of government version 01/10/05;
- CA BOND EXP. PLAN: Bond expenditure plan is a site-specific expenditure plan for appropriation of Hazardous Substance Cleanup Bond Act funds, one mile. Date of government record 01/01/89;
- UST: Underground Storage Tanks. Active UST facilities gathered from local regulatory agencies, one-quarter mile. Date of government version 01/10/05;
- VCP: Voluntary cleanup program properties. Contains low threat level properties with either confirmed or unconfirmed releases, one-half mile. Date of government version 02/07/05;
- INDIAN LUST: Leaking Underground Storage Tanks on Indian land, one-half mile. Date of government version 02/02/05;
- INDIAN UST: Underground Storage Tanks on Indian land, one-quarter mile. Date of government version 10/02/04;
- CA FID UST: Facility Inventory Database contains active and inactive underground storage tank locations, one-quarter mile. Date of government version 10/31/94; and
- HIST UST: Hazardous Substance Storage Container Database, a historical listing of UST sites, one-quarter mile. Date of government version 10/15/90.

#### Federal ASTM Supplemental

- CONSENT: Superfund (CERCLA) Consent Decrees, a listing of major legal settlements that establish responsibility and standards for cleanup at Superfund sites, one mile. Date of government version 03/05/04;
- ROD: Records of Decision documents mandate a permanent remedy at a Superfund site containing technical and health information to aid in the cleanup, one mile. Date of government version 01/10/05;
- DELISTED NPL: National Priority List Deletions, NPL sites may be deleted where no further response is appropriate, one mile. Date of government version 12/14/04;
- FINDS: Facility Index System contains both facility information and 'pointers' to other sources that contain more detail, target property only. Date of government version 01/12/05;
- HMIRS: Hazardous Materials Information Reporting System contains hazardous material spill incidents reported to DOT. Date of government version 11/16/04;
- MLTS: Material Licensing Tracking System, a listing of sites which process or use radioactive materials, target property only. Date of government version 01/12/05;
- MINES: Mines Master Index File, one-quarter mile. Date of government version 11/15/04;
- NPL LIENS: Federal Superfund Liens, the US EPA has the authority to file liens against real property when the property owner receives notification of potential liability, target property only. Date of government version 10/15/91;
- PADS: PCB Activity Database System identifies generators, transporters, commercial storers and/or brokers & disposers of PCB's, target property only. Date of government version 12/21/04;
- FUDS: Formally Used Defense Sites, a listing of FUDS properties where US Army Corps of Engineers is actively working or will take necessary cleanup actions, one-mile. Date of government version 12/31/03;
- UMTRA: Uranium Mill Tailings Sites, one-half mile. Date of government version 12/29/04;

- INDIAN RESERV: Indian reservations that have an area equal to or greater than 640 acres, one mile. Date of government version 10/01/03;
- DOD: Department of Defense Sites, a listing of federal lands greater than or equal to 640 acres administered by the DOD, one mile. Date of government version 10/01/03;
- RAATS: RCRA Administrative Action Tracking System contains records based on enforcement actions pertaining to major violators, target property only. Date of government version 04/17/95;
- TRIS: Toxic Chemical Release Inventory System identifies facilities which release toxic chemicals to the air, water, and land in reportable quantities, target property only. Date of government version 12/31/02;
- TSCA: Toxic Substances Control Act identifies manufacturers and importers of chemical substances, target property only. Date of government version 12/31/02;
- SSTS: Section 7 Tracking Systems, a listing of registered pesticide-producing establishments, target property only. Date of government version 12/31/03; and
- FTTS: Federal Insecticide, Fungicide, & Rodenticide Act/Toxic Substances Control Act Tracking system, target property only. Date of government version 04/13/04.

#### State or Local ASTM Supplemental

- AST: Aboveground Petroleum Storage Tank Facilities. Date of government version 12/01/03;
- CLEANERS: Dry cleaner related facilities that have EPA ID numbers, one-quarter mile. Date of government version 11/29/04;
- CA WDS: Waste Discharge System, a listing of sites which have been issued waste discharge requirements, target property only. Date of government version 03/21/05;
- DEED: List of Deed restrictions, target property only. Date of government version 02/22/05;
- SCH: School Property Evaluation Program contains proposed and existing school sites that are being evaluated for possible hazardous materials contamination, one-quarter mile. Date of government version 02/07/05;
- EMI: Emissions Inventory Data, a listing of toxic and criteria pollutant emissions data, target property only. Date of government version 12/31/02;
- REF: Unconfirmed properties referred to another agency where contamination has not been confirmed and were determined as not requiring direct DTSC Site Mitigation Program action, one-quarter mile. Date of government version 02/07/05;
- NFE: Properties Needing Further Evaluation, a listing of properties suspected of being contaminated, one-quarter mile. Date of government version 02/07/05;
- CA SLIC: Spills, Leaks, Investigations and Cleanup Cost Recovery Listing of any contaminated sites with the potential to impact groundwater, one-half mile. Date of government version 01/10/05;
- HAZNET: hazardous waste manifests, a record of hazardous waste shipments, target property only. Date of government version 12/31/02; and

#### Brownfields Databases

- US Brownfields: A listing of Brownfield sites. Date of government version N/A; and
- VCP: Voluntary Cleanup Program Properties. Date of government version 02/07/05.

The complete database listings prepared by EDR and a map showing the location of listed sites relative to the subject property is presented in Appendix B. The results of SECOR's review of listed sites is summarized and discussed below.

#### **Site Listing Review**

A review of the database, as provided by EDR, has revealed that an address on the Site was found in three of the databases searched and the results are discussed below:

According to the EDR report, the Site is listed under the LUST and Cortese databases for having a leaking underground storage tank. The Site is also cross-listed under the HAZNET database for disposing inorganic solid waste through a transfer station, but no violations are associated with this listing. SECOR reviewed previous environmental reports which were supplied by the seller and discussed subsurface investigations relating to this UST. A 1,000-gallon UST was reportedly closed in place prior to 1976 by filling it with concrete. It is unknown whether the UST stored gasoline or diesel. Previous soil and groundwater investigations indicated residual contamination in the vicinity of the UST, are discussed in detail in section 3.3.

### **Area Listing Review**

According to the EDR report, there are 129 mapped sites listed within their respective search radii (no greater than one mile) from the Site. Many of these listings are duplicate listings for the same address or facility. Due to poor or inadequate address information, 49 sites were not mapped.

**CORRACTS** – Lists handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has correction action activity. Based on the EDR report, there are three listed sites within a one mile radius of the Site. However, due to their cross- to down-gradient locations with respect to groundwater flow and distance from the Site (>1/2 mile), these sites are considered unlikely to represent an environmental concern to the Site and therefore no further investigation is recommended.

**RCRIS-SQG** – Resource Conservation and Recovery Information System – Small Quantity Generators – Includes selective information on sites which generate, transport, store or treat hazardous waste as defined by the RCRA act. Based on the EDR report, there are four listed sites within a one-quarter mile radius of the Site. Due to "no violations found" status, all four of these sites are considered unlikely to represent an environmental concern to the Site and therefore no further investigation is recommended.

**AWP** – California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for clean up. The source is the California Environmental Protection Agency. Based on the EDR report, there is one listed site within a one mile radius of the Site. Due to down-gradient location with respect to groundwater flow and distance from the Site (>1/2 mile), this site is considered unlikely to represent an environmental concern to the Site. No further action is recommended in regards to this site.

**CAL-SITES** – Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. Based on the EDR report, there are three listed sites within a one mile radius of the Site. Due to down-gradient location with respect to groundwater flow, and distance from the Site (>1/2 mile), all three sites are considered unlikely to represent an environmental concern to the Site. No further action is recommended in regards to these sites.

**CORTESE** – Hazardous Waste and Substances Sites List – This database identifies public drinking water wells with detectable levels of contamination, sites selected for remedial action, known toxic material sites identified through the abandoned site assessment program, sites with USTs having a reportable release, and all solid waste disposal facilities from which there is known migration. Based on the EDR report, there are 39 listed sites within a one-half mile radius of the Site. Due to case-closed status, soil only contamination, or distance from the Site (>1/4 mile up-gradient with respect to groundwater flow or >1/8 mile down-gradient) or a combination thereof, 34 of the listed sites are considered unlikely to represent an environmental concern to the Site. Identification, location and potential Site impacts from the remaining five sites are as follows:

**PE O'Hair & Company** of 339 3<sup>rd</sup> Street, is located approximately 350 feet north and up-gradient from the Site with respect to groundwater flow. This site is cross-listed under the LUST database. According to the EDR report, the leak was confirmed in January of 1996 sometime after an unspecified closure date of the UST. The case type is listed as "soil only" and no action has been taken at the site. Due to the "soil only" case type, SECOR considers this site unlikely to represent an environmental concern to the Site and therefore no further investigation is recommended.

**City Auto Repair** of 330 Webster Street is located approximately 400 feet north and up-gradient from the Site with respect to groundwater flow. This site is cross-listed under the HAZNET database. According to the EDR report, this site is reported to have a waste oil and mixed oil manifest, but no leakage, violations, or onsite USTs are reported. Due to the absence of any reported violations, releases, or USTs on this site, SECOR considers it unlikely to represent an environmental concern to the Site and therefore no further investigation is recommended.

**PE O'Hair & Company** of 309 4th Street, is located approximately one-eighth mile northeast and up-gradient from the Site with respect to groundwater flow. This site is cross-listed under the LUST and NOTIFY 65 databases. According to the EDR report, the leak was discovered upon tank closure of the gasoline UST. The case type is listed as "undefined" and the case was closed in September of 1996. Due to the fact that this site is listed as undefined case type, groundwater may have been affected. Given the close proximity to the Site (one-eighth mile), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**Miller Packing Company** is addressed as 201 and 206 2<sup>nd</sup> Street and is located approximately 350 feet east and cross- to down-gradient from the Site with respect to groundwater flow. This site is cross-listed under the HAZNET, LUST, and CA FID UST databases. According to the EDR report, the portion of this site addressed at 206 2<sup>nd</sup> Street reported a "soil only" contamination of diesel from an onsite UST which was discovered upon tank closure. Given the soil only contamination and the Site's cross- to down-gradient location with respect to groundwater flow, SECOR considers it unlikely to represent an environmental concern to the Site and therefore no further investigation is recommended. A gasoline release was reported upon tank closure for the portion of the site addressed as 201 2<sup>nd</sup> Street. The case type is reported as "undefined" and "preliminary assessment is underway." Due to the fact that this site is listed as undefined case type, groundwater may have been affected. Given the close proximity to the Site (~350 feet), SECOR considers it possible that this site may have environmentally impacted the Site and therefore, SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**Future Amtrak Station** of 245 2<sup>nd</sup> Street, is located approximately 350 feet east and cross- to down-gradient from the Site with respect to groundwater flow. This site is cross-listed under the LUST database. According to the EDR report, the leak was discovered upon tank closure of the gasoline UST. The case type is listed as "other groundwater affected" and the case was closed in April of 1998. Due to the fact that this site is listed as having affected groundwater and given the close proximity to the Site (~350 feet), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**NOTIFY 65** – Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data comes from the State Water Resources Control Board's Proposition 65 database. Based on the EDR report, there are seven listed sites within a one mile radius of the Site. Due to down-gradient location with respect to groundwater flow and/or distance from the Site (>1/4 mile), six of these sites are considered unlikely to represent an environmental concern to the Site. The remaining seventh site is discussed as follows:

**PE O'Hair & Company** of 309 4th Street, is located approximately one-eighth mile northeast and up-gradient from the Site. This site is cross-listed under the LUST and NOTIFY 65 databases. According to the EDR report, the leak was discovered upon tank closure of the gasoline UST. The case type is listed as "undefined" and the case was closed in September of 1996. Due to the fact that this site is listed as undefined case type, groundwater may have been affected. Given the close proximity to the Site (one-eighth mile), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**LUST** – The Leaking Underground Storage Tank Incident Reports database listings containing an inventory of the reported leaking underground storage tank incidents. Based on the EDR report, there are a total of 48 listed sites within a one-half mile radius of the Site. Due to case-closed status, soil only contamination, or distance from the Site (>1/4 mile up-gradient or >1/8 mile down-gradient) or a combination thereof, 42 of the listed sites are considered unlikely to represent an environmental concern to the Site. Identification, location and potential Site impacts from the remaining five sites are as follows:

**PE O'Hair & Company** of 339 3<sup>rd</sup> Street, is located approximately 350 feet north and up-gradient from the Site with respect to groundwater flow. This site is cross-listed under the CORTESE database. According to the EDR report, the leak was confirmed in January of 1996 sometime after an unspecified closure date of the UST. The case type is listed as "soil only" and no action has been taken at the site. Due to the "soil only" case type, SECOR considers this site unlikely to represent an environmental concern to the Site and therefore no further investigation is recommended.

**Oakland Fisc.** of 331 4<sup>th</sup> Street is located approximately one-eighth mile northeast and up-gradient from the Site with respect to groundwater flow. According to the EDR report, this site is reported to have an onsite LUST. The case type indicates that groundwater had been contaminated, but the chemical released is not specified. Case closure has been granted for this site and MTBE contamination was reportedly detected, but no specifications are made as to the nature or degree of contamination. Due to the unspecified chemical type and given that groundwater is reported to have been contaminated, SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**PE O'Hair & Company** of 309 4th Street, is located approximately one-eighth mile northeast and up-gradient from the Site with respect to groundwater flow. This site is cross-listed under the CORTESE and NOTIFY 65 databases. According to the EDR report, the leak was discovered upon tank closure of the gasoline UST. The case type is listed as "undefined" and the case was closed in September of 1996. Due to the fact that this site is listed as undefined case type,

groundwater may have been affected. Given the close proximity to the Site (one-eighth mile), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**East Bay Tire Company** of 225 3<sup>rd</sup> Street, is located approximately one-eighth mile east and up-gradient from the Site with respect to groundwater flow. According to the EDR report, a leaking gasoline UST was discovered upon tank closure. The case type is listed as "other groundwater affected" and the case was closed in May of 1997. Given that groundwater has been affected and the close proximity to the Site (one-eighth mile), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**Miller Packing Company** is addressed as 201 and 206 2<sup>nd</sup> Street and is located approximately 350 feet east and cross- to down-gradient from the Site with respect to groundwater flow. This site is cross-listed under the HAZNET, CORTESE, and CA FID UST databases. According to the EDR report, the portion of this site addressed at 206 2<sup>nd</sup> Street reported a "soil only" contamination of diesel from an onsite UST which was discovered upon tank closure. Given the soil only contamination, SECOR considers it unlikely to represent an environmental concern to the Site and therefore, no further investigation is recommended. A gasoline release was reported upon tank closure for the portion of the site addressed as 201 2<sup>nd</sup> Street. The case type is reported as "undefined" and "preliminary assessment is underway." Due to the fact that this site is listed as undefined case type, groundwater may have been affected. Given the close proximity to the Site (~350 feet), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**Future Amtrak Station** of 245 2<sup>nd</sup> Street, is located approximately 350 feet east and cross- to down-gradient from the Site with respect to groundwater flow. This site is cross-listed under the LUST database. According to the EDR report, the leak was discovered upon tank closure of the gasoline UST. The case type is listed as "other groundwater affected" and the case was closed in April of 1998. Due to the fact that this site is listed as having affected groundwater and given the close proximity to the Site (~350 feet), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

According to groundwater monitoring well data near the Site and previous subsurface investigations, groundwater is expected to be encountered at a depth of approximately 7 feet below the ground surface. As discussed above, EDR reports a total of 48 leaking underground storage tank (LUST) facilities located within a half-mile radius of the Site. Of these 48 sites, 32 are located up-gradient with respect to groundwater flow. Given the numerous instances of LUST facilities, SECOR considers it possible that groundwater in the vicinity of the Site has been affected by one or more of these identified releases. SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants (i.e. petroleum hydrocarbons and volatile organic compounds) are present at levels which exceed the acceptable human health risk criteria for residential development.



**UST** – The Underground Storage Tank database contains registered USTs. The source is the State Water Board. One site is listed under the UST database with no reported violations. Due to lack of any reported violations and distance from the Site (> 1/8 mile), this site is considered unlikely to represent an environmental concern to the Site and therefore, no further investigation is recommended.

**VCP** – The Voluntary Cleanup Program database contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs. Based on the EDR report, there are a total of two listed sites within a one-half mile radius of the Site. Due to distance from the Site (>1/4 mile) and lack of reported groundwater contaminations, both of the listed sites are considered unlikely to represent an environmental concern to the Site and therefore, no further investigation is recommended.

**CA FID UST** – The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water resources Board. Based on the EDR report, there are a total of six listed sites within a one-quarter mile radius of the Site and one listing on the Site itself (discussed above in Site Listing Review). Due to distance from the Site (>1/8 mile), "No violations found" or "case closed" status, and/or down-gradient location with respect to groundwater flow, four of the listed sites are considered unlikely to represent an environmental concern to the Site. The remaining three sites are discussed as follows:

**PE O'Hair & Company** of 309 4th Street, is located approximately one-eighth mile northeast and up-gradient from the Site with respect to groundwater flow. This site is cross-listed under the CORTESE and NOTIFY 65 databases. According to the EDR report, the leak was discovered upon tank closure of the gasoline UST. The case type is listed as "undefined" and the case was closed in September of 1996. Due to the fact that this site is listed as undefined case type, groundwater may have been affected. Given the close proximity to the Site (one-eighth mile), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**East Bay Tire Company** of 225 3<sup>rd</sup> Street, is located approximately one-eighth mile east and up-gradient from the Site with respect to groundwater flow. The site is cross-listed in the LUST database. According to the EDR report, a leaking gasoline UST was discovered upon tank closure. The case type is listed as "other groundwater affected" and the case was closed in May of 1997. Given that groundwater has been affected and the close proximity to the Site (one-eighth mile), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**Miller Packing Company** is addressed as 201 and 206 2<sup>nd</sup> Street and is located approximately 350 feet east and cross- to down-gradient from the Site with respect to groundwater flow. This site is cross-listed under the HAZNET, CORTESE, and LUST databases. According to the EDR report, the portion of this site addressed at 206 2<sup>nd</sup> Street reported a "soil only" contamination of diesel from an onsite UST which was discovered upon tank closure. Given the "soil only" contamination, SECOR considers it unlikely to represent an environmental concern to the Site and therefore, no further investigation is recommended. A gasoline release was reported upon tank closure for the portion of the site addressed as 201 2<sup>nd</sup> Street. The case type is reported as "undefined" and "preliminary assessment is underway." Due to the fact that this site is listed as

undefined case type, groundwater may have been affected. Given the close proximity to the Site (~350 feet), SECOR considers it possible that this site may have environmentally impacted the Site and therefore SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants are present at levels which exceed the acceptable human health risk criteria for residential development.

**HIST UST** – Historical Registered UST Database. Based on the EDR report, there are seven listed sites within a one-quarter mile radius of the Site (including one duplicate address). The HIST UST database identified these seven sites as once having registered USTs on their property. Five of the six individual sites are cross-listed in the LUST database and are discussed above. The remaining sixth site has no reported violations or releases and is considered unlikely to represent an environmental concern to the Site and therefore no further investigation is recommended.

**CA SLIC** – SLIC Region comes from the California Regional Water Quality Control Board. Based on the EDR report, there are four listed sites within a one-half mile radius of the Site. Given their distance (>1/8 mile) and cross- to down-gradient location from the Site, SECOR considers these sites unlikely to have environmentally impacted the Site and therefore, no further investigation is recommended.

## **4.2 CITY, COUNTY AND STATE RECORDS REVIEW**

### **4.2.1 City of Oakland – Building and Planning Departments**

SECOR staff contacted the City of Oakland Building and Safety Department on April 15, 2005. According to Mrs. Sequonite Buggs of the department, a construction permit was on file for the existing warehouse structure which indicated that it had been built in 1960. According to department personnel, permits for a storehouse structure located at the address of 311 2<sup>nd</sup> Street prior to the existing warehouse were also on file, but no build date was provided. No RECs were identified through information made available by the City of Oakland Building and Planning Departments.

### **4.2.2 City of Oakland Fire Department (CUPA)**

SECOR staff visited the City of Oakland Fire Department (CUPA) on April 12, 2005. Records for several addresses including the Site were reviewed at this time. Nearby sites were reviewed based upon their status as a LUST facility which had affected groundwater and their close proximity to the Site. These included records for the Miller Packing Company (201 and 206 2<sup>nd</sup> Street) and P.E. O'Hair Company (309 4<sup>th</sup> Street). Fire Department records for the nearby sites agreed with information provided in the EDR report and are discussed in section 4.1. Given the numerous instances of LUST facilities in close proximity to the Site, SECOR considers it possible that groundwater in the vicinity of the Site may have been affected by one or more of the documented releases in the area. SECOR recommends analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants (i.e. petroleum hydrocarbons and volatile organic compounds) are present at levels which exceed the acceptable human health risk criteria for residential development.

### **4.2.3 California Regional Water Quality Control Board (RWQCB), San Francisco Region (2)**

SECOR staff submitted a records search request for the subject property to the California RWQCB on April 19, 2005. At the time of completing this report, no reply had been received from the Board. Given

that oversight for the Site was provided by the County of Alameda Department of Environmental Health and the City of Oakland Fire Department (CUPA) and that that case closure has been granted by these overseeing agencies, SECOR does not expect Water Board files to affect the recommendations and conclusions provided in this report. In the unlikely event that information is obtained from the Water Board which affects SECOR's recommendations and conclusions, an addendum to this report will be supplied to The Olson Company at that time.

#### **4.2.4 Alameda County Department of Environmental Health**

SECOR staff contacted the Alameda County Department of Environmental Health (ACDEH) for the subject property on April 15, 2005. Mr. Bob Schultz of ACDEH contacted SECOR on April 20, 2005 and indicated that the case may or may not be reopened, but would ultimately depend on continued review. He also indicated that recent contamination data will be necessary for such an assessment. SECOR recommends that future case closure requirements, if any, be determined through ongoing discussions with the ACDEH and Regional Water Board, based on the intended residential land use and in accordance with the department's requirements as set forth during initial case closure. SECOR also recommends additional soil and groundwater sampling be performed adjacent to the UST, including the interior of the warehouse structure where the former fuel dispenser was located, in order to confirm that contaminant levels exist below regulatory guidelines for residential development or to better estimate the volume of soils that must be excavated and the degree of groundwater remediation that may be necessary, if any, prior to such development. SECOR also recommends that the concrete-filled UST be removed prior to development.

## 5.0 HISTORICAL RECORDS REVIEW

SECOR developed an understanding of past use of the property through research of the following available information resources.

### 5.1 AERIAL PHOTOGRAPHIC REVIEW

Aerial photographs for the property and surrounding areas were obtained from EDR to evaluate historical usage of the site and adjacent properties. The photographs were also reviewed to evaluate any discernible evidence of potential sources of negative environmental impact at the site. The general activity on a property and land use changes can often be discerned from the type and layout of structures visible in aerial photographs and maps; however, specific elements of a site operation cannot normally be determined.

The following aerial photographs of the Site and surrounding areas were examined during SECOR's historical investigations.

**1. Photographer: Fairchild**

**Date: 1939**

**Scale: 1" : 555'**

The Site and surrounding areas appear to be completely developed with commercial structures. A commercial structure is located on the Site, the purposes of which are unclear from the photograph. According to Sanborn Fire Insurance maps, this structure is most likely a steel fabrication and welding shop. Many of the streets in the area appear to be unpaved dirt or gravel.

**2. Photographer: Jack Amann**

**Date: 1946**

**Scale: 1" : 655'**

The Site and surrounding areas appear similar to the 1939 photograph.

**3. Photographer: Cartwright**

**Date: 1958**

**Scale: 1" : 555'**

The surrounding areas appear similar to the 1946 photograph. The Site appears to be developed with a single large warehouse structure which occupies a majority of the city block on which it is found. Interstate-880 appears to be in construction a few blocks northeast of the Site.

**4. Photographer: Cartwright**

**Date: 1965**

**Scale: 1" : 333'**

The surrounding areas appear to be highly industrial and commercial, similar to the 1958 photograph. The Site appears to be developed with the existing warehouse structure. The two other showroom/office buildings now located on the Site also appear in this photograph.

**5. Photographer: WSA**

**Date: 1982**

**Scale: 1" : 690'**

The Site and surrounding areas appear similar to the 1965 photograph. Commercial structures which were located to the southwest of the Site (between the Site and the channel) are no longer present in this photograph.

**6. Photographer: USGS**

**Date: 1993**

**Scale: 1" : 666'**

The Site and surrounding areas appear similar to the 1982 photograph and existing conditions. Areas to the southeast of the Site are now developed with asphalt parking lots for the nearby marina. The commercial structure which had occupied the city block immediately southeast of the Site has been demolished (most likely to make room for the now existing Amtrak station in this area).

**7. Photographer: USGS**

**Date: 1998**

**Scale: 1" : 666'**

The Site and surrounding areas appear similar to the 1993 photograph and existing conditions. The neighboring Amtrak station and railways appear to the southwest of the Site. The western half of Harrison Street appears to have been reapportioned to the Site in this photograph as it is currently.

SECOR's interpretation of historical aerial photographs indicates the Site was developed prior to 1939. The 1950 through 1957 Sanborn Fire Insurance maps also indicate that a steel fabrication and welding shop is located on the Site and this structure is visible in the 1939 and 1946 aerial photographs. Potential contamination of Site soils may have occurred during the time when the steel fabrication and welding shop (and scrap iron storage yard where located on the Site). SECOR recommends sampling the Site soils for metals and petroleum hydrocarbons in order to assess whether these contaminants are present at levels which exceed human health risk criteria for residential development.

## **5.2 FIRE INSURANCE MAPS**

Available Fire insurance maps were requested from Environmental Data Resources. Coverage was available for the Site vicinity for the years 1889, 1903, 1911, 1950, 1952, 1953, 1957, 1959, 1960, 1964, 1965, 1967 and 1969. The Site appears to be developed with several residential structures, sheds, and other small structures between 1889 and 1911. Central Pacific Rail Road tracks run along Embarcadero Road to the southwest of the Site in the present day location of the Amtrak rail lines. The 1950 through 1957 maps indicate that a steel fabrication and welding shop is located on the Site. The 1959 map indicates the presence of a building materials warehouse – presumably the existing plumbing supply warehouse. The 1960 and later maps depict the Site to be similar to existing conditions. Potential contamination of Site soils may have occurred during the time when the steel fabrication and welding shop (and scrap iron storage yard where located on the Site). SECOR recommends sampling the Site soils for metals and petroleum hydrocarbons in order to assess whether these contaminants are present at levels which exceed human health risk criteria for residential development.

### **5.3 HISTORICAL TOPOGRAPHIC MAP REVIEW**

Available historical topographic maps (topos) were requested from Environmental Data Resources. SECOR reviewed five historical topos dated 1949, 1959, 1968, 1973, and 1980. The 1949 topo map shows the area of the Site as developed with a network of streets and avenues in their existing positions. Railways run parallel to the Site's southwestern boundary. The 1959 and later maps show the Site and surrounding areas to be similar to the 1949 map with the addition of Interstate-880. SECOR identified no RECs as a result of topographic map review.

### **5.4 HISTORICAL CITY STREET DIRECTORIES**

Available historical city street directories were requested from Environmental Data Resources. No RECs were identified based on this search. SECOR's review of historical city directories, as provided by EDR, revealed that the Site address is not listed for years prior to 1980. At this time it is listed under the names "Meyer Plumbing Supply" and American Plumbing Supply." No recognized environmental conditions were identified through SECOR's review of historical city directories.

### **5.5 FORMER ENVIRONMENTAL REPORTS**

SECOR reviewed a previous environmental report which was supplied by the seller and discussed subsurface investigations relating to this UST. A 1,000-gallon UST was reportedly closed in place prior to 1976 by filling it with concrete. It is unknown whether the UST stored gasoline or diesel. Previous soil and groundwater investigations indicated residual contamination in the vicinity of the UST are discussed in section 3.3 in detail.

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

The Site consists of approximately 1.1 acres of land located at 311 2<sup>nd</sup> Street in the City of Oakland, County of Alameda, California. The Site consists of 14 contiguous plots in addition to a redistributed portion of Harrison Street which comprise one parcel. Currently, the Site is occupied by Meyer Plumbing Supply (see Section 2.5 below). A photographic log of current Site conditions is located in appendix A.

The Site is located in a commercial/industrial area of Oakland. The Site is bounded to the northwest by the Jack London Square Bath Gallery showroom and offices, a second office building, and an asphalt parking lot followed by Webster Street; to the northeast by 2<sup>nd</sup> Street then industrial buildings, a parking lot and offices; to the southwest by the Amtrak rail line followed by Embarcadero Street, a parking lot, and then a marina; and to southeast by an asphalt parking lot followed by the Jack London Square Amtrak Station.

The current structure on the Site is used predominantly to store plumbing parts and equipment (i.e. pipe, fittings, and tools). A small portion of the structure is also used as office space. Based on information obtained during this Phase I ESA (see below for additional detail) the Site has been occupied by this warehouse since prior to 1965. According to SECOR's review of historical documents, prior to 1939 until sometime before 1959 the Site was occupied by a smaller commercial structure. This structure is identified on Sanborn fire insurance maps as a steel fabricating and welding shop from sometime prior to 1950 until 1957.

The results of SECOR's Phase I ESA identified the following recognized environmental conditions (RECs) at the Site:

- According to groundwater monitoring well data near the Site and previous subsurface investigations, groundwater is expected to be encountered at a depth of approximately 7 feet below the ground surface. As in the following text, the EDR reports identify a total of 48 leaking underground storage tank (LUST) facilities within a half-mile radius of the Site. Of these 48 sites, 32 are located up-gradient with respect to groundwater flow of the Site. Given the numerous instances of LUST facilities, SECOR considers it possible that groundwater in the vicinity of the Site is impacted with petroleum hydrocarbons. SECOR recommends as a result of the potential groundwater contamination analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants (i.e. petroleum hydrocarbons and volatile organic compounds) are present at levels which exceed the acceptable human health risk criteria for residential development.
- The 1950 through 1957 Sanborn Fire Insurance maps indicate that a steel fabrication and welding shop is located on the Site. Potential contamination of Site soils may have occurred during the time when the shop and associated scrap iron storage yard were located on the Site. SECOR recommends sampling the Site soils for metals and petroleum hydrocarbons in order to assess whether these contaminants at levels which exceed human health risk criteria for residential development.
- According to the EDR report, the Site is listed under the LUST and Cortese databases for having a leaking underground storage tank. SECOR reviewed previous environmental reports supplied by the seller which discussed subsurface investigations relating to this UST under the oversight of the County of Alameda Department Environmental Health (ACDEH). A 1,000-gallon UST was reportedly closed in place prior to 1976 by filling it with concrete. This UST is reportedly still

located on the property. It is unknown whether the UST stored gasoline or diesel. Previous soil and groundwater investigations indicated residual petroleum hydrocarbon contamination in the soil and groundwater in the vicinity of the UST, discussed as follows:

- In September of 1993, two angled soil borings (SB-1 and SB-2) were drilled under the UST by Blymer Engineers, Inc. (BEI). BEI was contracted by Meter Plumbing Supply to perform a closure site assessment for the UST. Soil samples were obtained from SB-1 and SB-2 at 5.5 and 7.0 feet, respectively. Analytical results for borings SB-1 and SB-2 showed that TPH-D was detected at concentrations of 4.2 and 15,000 parts per million (ppm), respectively, and that lead was detected in concentrations of 71 and 84 ppm, respectively. In boring SB-1, TPH-G and BTEX were not detected except for 0.0090 ppm xylenes. In boring SB-2, TPH-G was detected at a concentration of 34 ppm while ethylbenzene and xylenes were detected at concentrations of 0.65 and 0.82 ppm, respectively. The groundwater sample from boring SB-2 showed 5.5 ppm TPH-D, 0.085 ppm TPH-G, and benzene, toluene and xylenes at concentrations of 0.0027, 0.00066, and 0.00051 ppm, respectively.
- After receipt of the BEI report, the Alameda County Department of Environmental Health (ACDEH) indicated that further investigation would be necessary to vertically and laterally delineate the detected contamination. In response to this request, Meyer Plumbing contracted AllPro Environmental Corporation (AllPro) in March of 1996. At this time, AllPro obtained soil and groundwater samples from four borings placed down-, cross-, and up-gradient of the UST identified as B3 & B4, B5, and B6, respectively. All of these borings were placed outside the neighboring warehouse structure. According to the AllPro report, analytical results of soil samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected except for the samples obtained from boring B6 at a depth of 4.5 feet, where TPH-D was detected at a concentration of 16 ppm. Lead was detected in the soil samples from borings B3, B4, B5, and B6 at concentrations of 58, 310, 9.3, and 23 ppm, respectively. According to the AllPro report, analytical results of groundwater samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected. Lead was detected in the groundwater samples from borings B3, B4, B5, and B6 at concentrations of 0.049, 1.7, 0.68, and 0.49 ppm, respectively.
- In response to the AllPro report, the ACDEH issued a no further action letter dated June 18, 1996 whereupon case closure was granted for the former UST on the Site. This letter does state that any Site modifications such as a change in land use may require a "re-evaluation of the chemical exposure pathways, receptor sensitivities (i.e. residential vs. commercial/industrial), and other applicable criteria which may have been used to assess potential human health risk during the case closure process.

SECOR therefore recommends that future case closure requirements, if any, be determined through discussions with the ACDEH and Regional Water Board, based on the intended residential land use and in accordance with the department's requirements as set forth during initial case closure. SECOR also recommends additional soil and groundwater sampling be performed adjacent to the UST, including the interior of the warehouse structure where the former fuel dispenser was located, in order to confirm that contaminant levels exist below regulatory guidelines for residential development or to better estimate the volume of soils that must be excavated and the degree of groundwater remediation that may be necessary, if any, prior to such development.



SECOR also recommends that the concrete-filled UST be removed as part of Site development.

Although not considered RECs, the following issues should be taken into consideration:

- Given the pre-1978 construction of the onsite structure, lead based paint (LBP) may have been utilized. SECOR understands that future Site demolition is planned. Thus, SECOR recommends a comprehensive, EPA/HUD-level LBP survey prior to demolition activities which may disturb any LBP present.
- Given the pre-1978 construction of the onsite structure, asbestos containing materials (ACMs) may have been utilized. SECOR understands that future Site demolition is planned. Thus, SECOR recommends the completion of a complete AHERA level pre-demolition ACM survey prior to demolition.

Except as listed above, no other RECs were identified by this Phase I ESA.

## 7.0 CLOSURE

The conclusions presented in this report are professional opinions based on data described in this report. This report was prepared in accordance with SECOR's Master Service Agreement with this Client, and to the extent that any provisions of this report conflict with the Master Service Agreement, the Master Service Agreement shall control. Without limitation of the foregoing, the opinions of this report have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location, and are subject to the following inherent limitations.

- 1) SECOR derived the data in this report primarily from visual inspections, examination of records in the public domain, and interviews with individuals having information about the Site. The passage of time, manifestation of latent conditions, or occurrence of future events may require further study at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions in this report.
- 2) The data reported and the findings, observations, and conclusions expressed in this report are limited by the scope of work. The scope of the Phase I ESA performed by SECOR was performed in accordance with the scope of work presented in the Master Service Agreement and ASTM Practice E1527-00.
- 3) The professional opinions presented in this report are intended only for the purpose, Site location, and project indicated. This report is not a definitive study of contamination at the Site and should not be interpreted as such. An evaluation of subsurface soil and groundwater conditions was not performed as part of this investigation. No sampling or chemical analyses of structural materials or other media was completed as part of this study unless explicitly stated.
- 4) This report is based, in part, on unverified information supplied to SECOR by third-party sources. While efforts have been made to substantiate this third-party information, SECOR cannot guarantee its completeness or accuracy.

## 8.0 REFERENCES

### Technical References

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, website.

California Division of Mines and Geology (CDMG), 1961, Geologic Map of California, San Francisco Sheet, California, Scale 1:250,000.

CDMG, 1998, Maps of Known Active Fault Near-Source Zones in California and Adjacent Portions of Nevada.

Environmental Data Resources, Inquiry Number: 1396212.2s

United States Geologic Survey (USGS), 1980, Oakland West 7.5 Minute Quadrangle, photo-revised 1959, Scale 1:24,000.

### Agency Contacts

Alameda County Department of Environmental Health, Mrs. Rosanna Garcia: (510) 567-6700

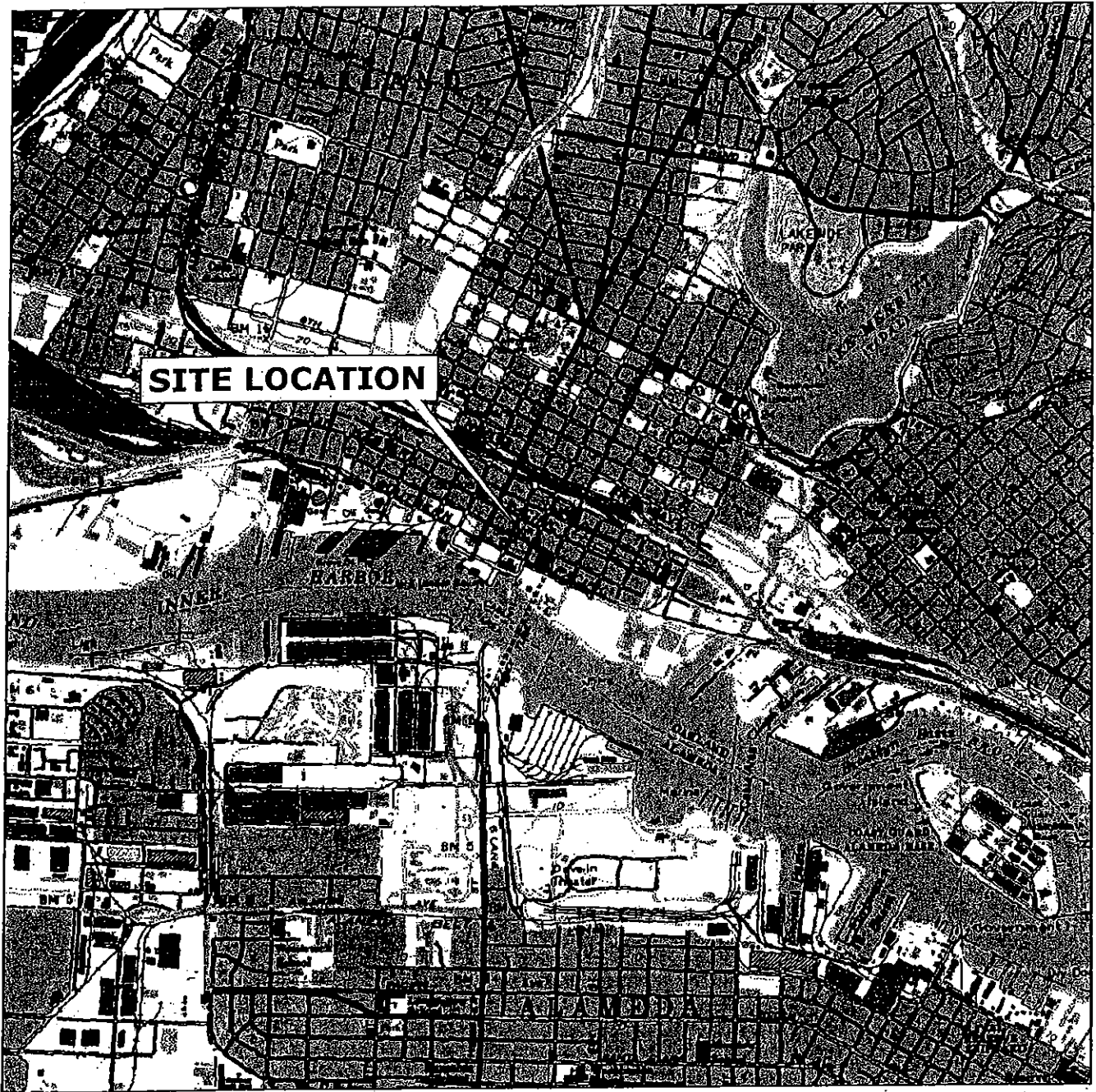
City of Oakland Fire Department, Hazardous Materials Management Program, Mr. Vibhor Jain: (510) 238-7491.

City of Oakland Building and Safety Department: (510) 238-3344.

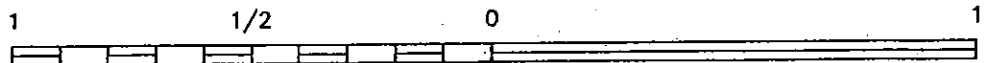
### Previous Reports

AllPro Environmental Corporation (AllPro), 1996, *Soil and Groundwater Investigation Report, Meyer Plumbing Supply Facility, 311 Second Street, Oakland, California*, dated April 5, 1996 (Text and figures attached in Appendix C).

FIGURES

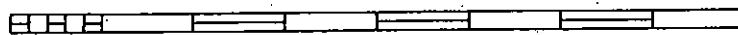


CALIFORNIA




SCALE (MILES)

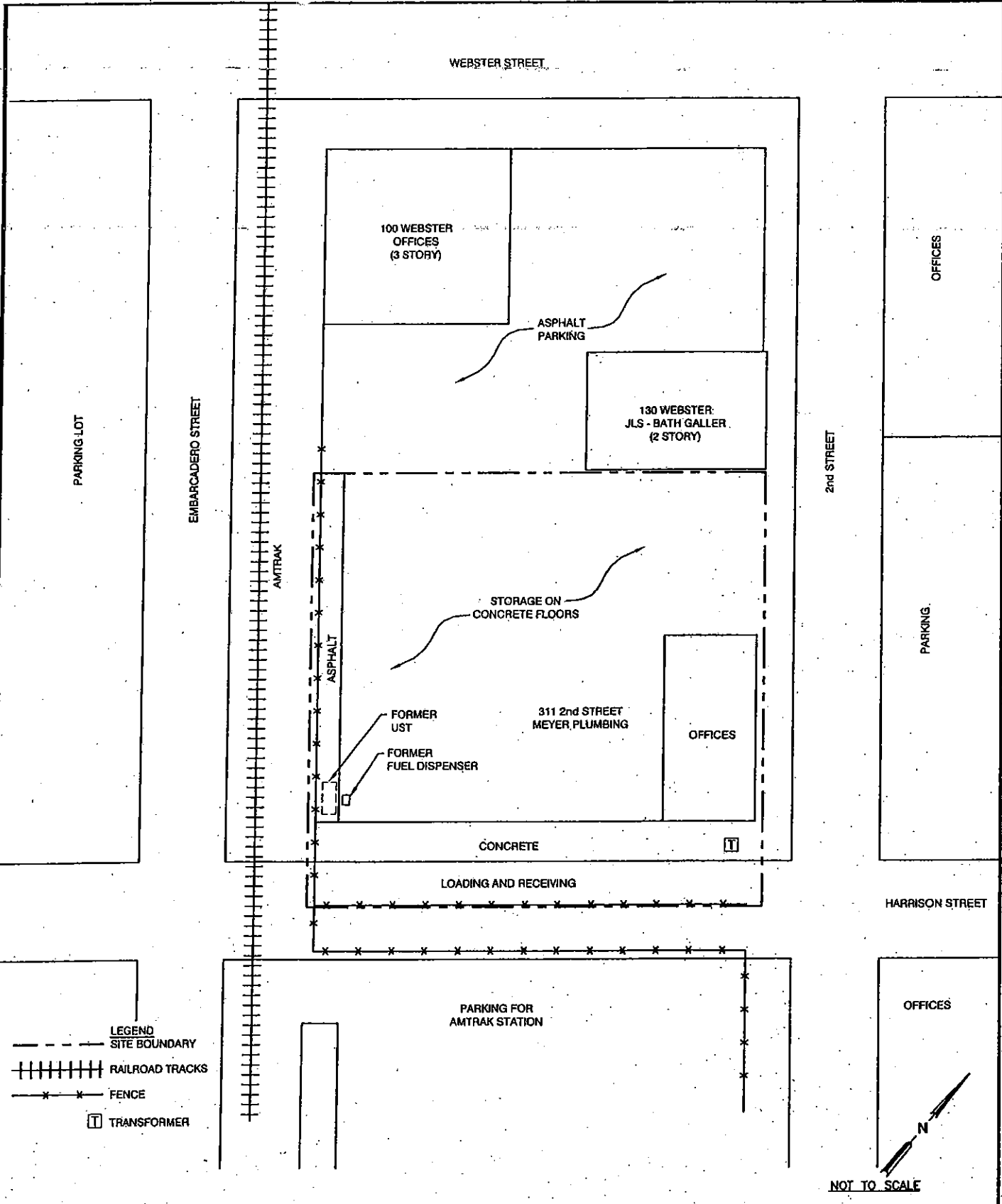
1000 0 1000 2000 3000 4000 5000 6000 7000



SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE; OAKLAND WEST, CALIFORNIA; 1993

 <b>SECOR</b> 25864-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116/(909) 335-6120 FAX	PREPARED FOR: <b>THE OLSON COMPANY</b>  311 2nd STREET OAKLAND, CALIFORNIA		<b>SITE LOCATION MAP</b>		FIGURE:  <b>1</b>
	JOB NUMBER: 04OT.29220.21	DRAWN BY: S. SIMMONS	CHECKED BY:	APPROVED BY:	DATE: 4/21/05



**SECOR**  
 25884-F BUSINESS CENTER DRIVE  
 REDLANDS, CALIFORNIA 92374  
 PHONE: (909) 335-6116/(909) 335-6120 FAX

FOR: **THE OLSON COMPANY**  
 311 2nd STREET  
 OAKLAND, CALIFORNIA

JOB NUMBER: 04OT.29220.21  
 DRAWN BY: S. SIMMONS

**SITE PLAN**

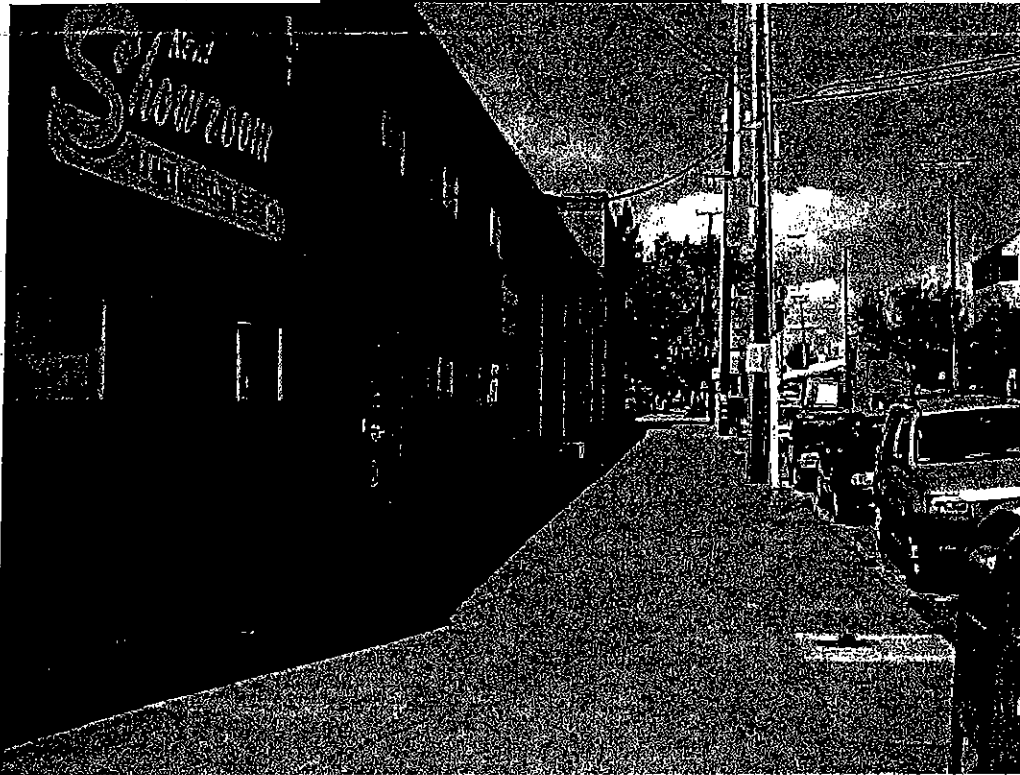
CHECKED BY: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_

FIGURE: **2**

DATE: 4/21/05

**APPENDIX A  
SITE PHOTOGRAPHS**

**Oakland – Jack London Square – 311 2<sup>nd</sup> Street  
Oakland, CA – PHOTOLOG**



**Photograph No. 1**

View from the east corner of the Site, looking northwest along 2nd Street. Note the Site warehouse structure to the left and the overhead power lines at center.



**Photograph No. 2**

View from the east corner of the Site, looking southwest along the reappportioned Harrison Street.

SECOR Job No. 04OT.29220.21

The Olson Company

Phase I ESA for: Oakland – Jack London Square – 311 2<sup>nd</sup> Street, Oakland, CA

I:\Olson Company\Oakland\Jack London Square\Phase I\JLS\_PhotoLog.doc





**Photograph No. 3**

View from the southern corner of the Site, looking northeast along Harrison Street.



**Photograph No. 4**

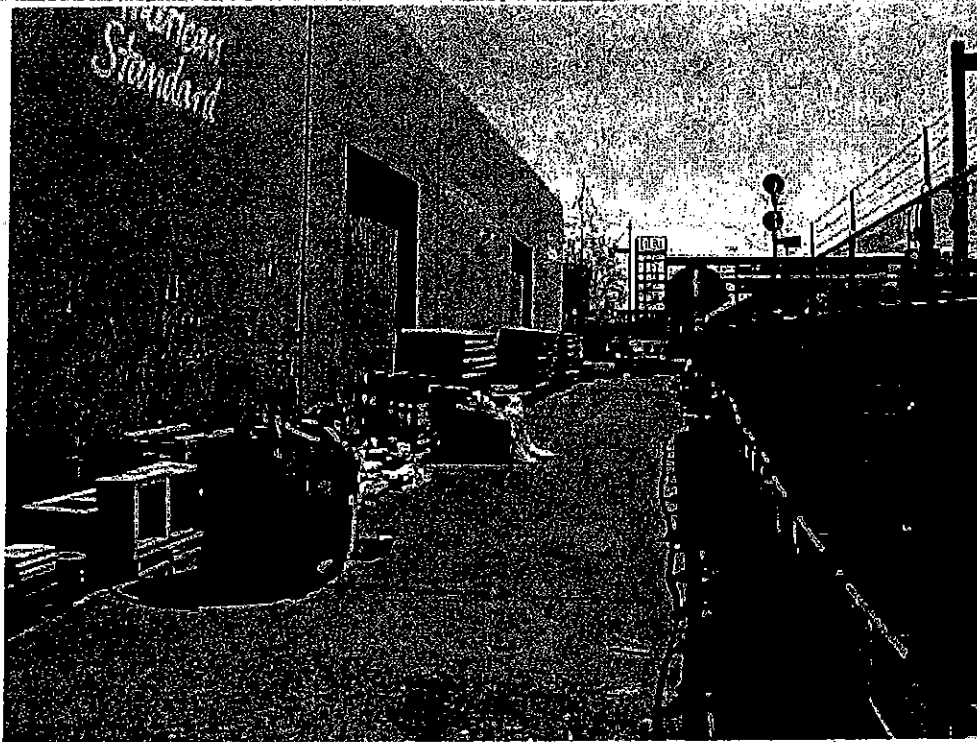
View from the southern corner of the Site, looking northwest along the Site boundary. The former UST is located beneath the pipes stored adjacent to the warehouse. Note the Amtrak rail lines to the left of the photograph.

SECOR Job No. 04OT.29220.21

The Olson Company

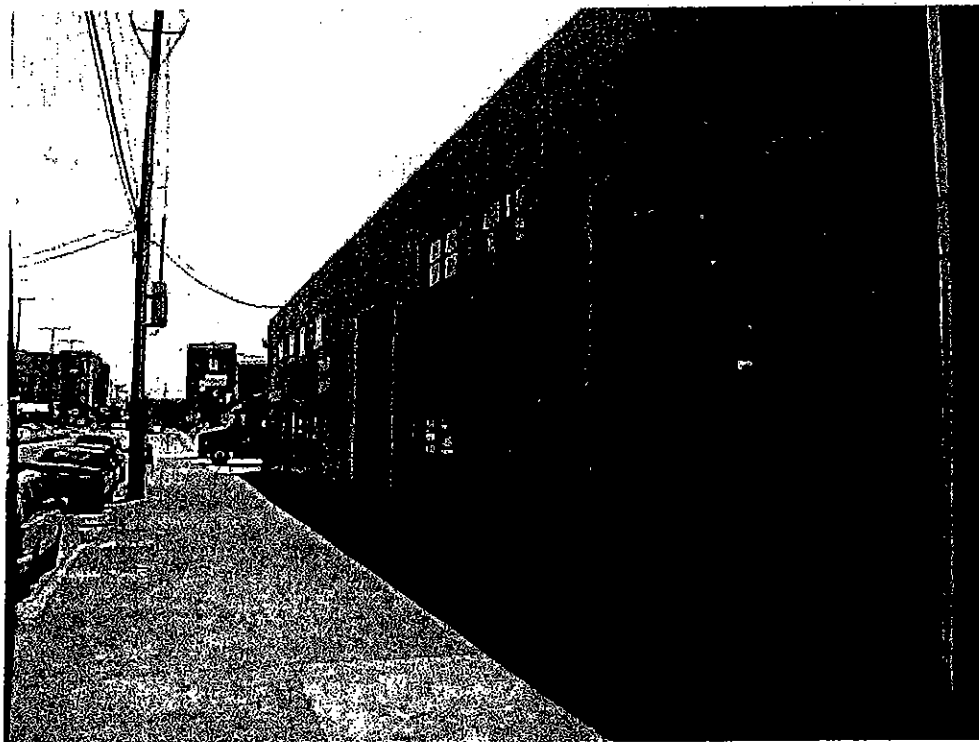
Phase I ESA for: Oakland – Jack London Square – 311 2<sup>nd</sup> Street, Oakland, CA

I:\Olson Company\Oakland\Jack London Square\Phase I\JLS\_PhotoLog.doc



**Photograph No. 5**

View from the western corner of the Site, looking southeast. Various supplies were stored in this outdoor area.



**Photograph No. 6**

View from the northern corner of the Site, looking southeast along 2<sup>nd</sup> Street.

SECOR Job No. 04OT.29220.21

The Olson Company

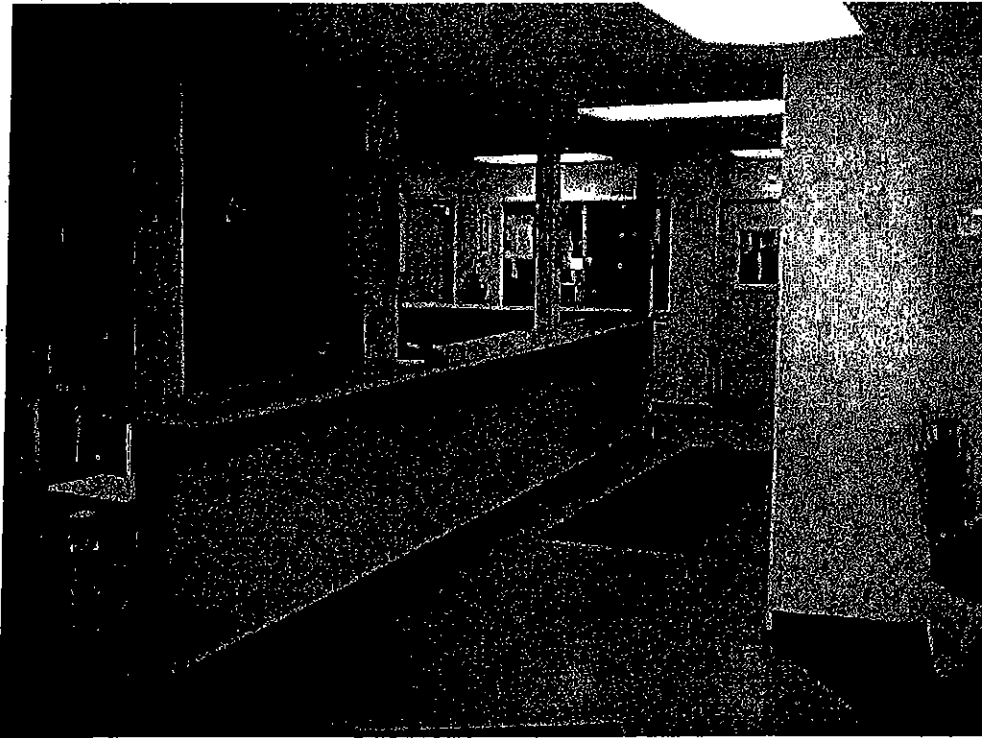
Phase I ESA for: Oakland – Jack London Square – 311 2<sup>nd</sup> Street, Oakland, CA

I:\Olson Company\Oakland\Jack London Square\Phase I\JLS\_PhotoLog.doc



**Photograph No. 7**

View of the interior of the warehouse structure which was used for storage of various plumbing supplies (i.e. pipes, fitting, and tools). Note the concrete floor and wood rafters.



**Photograph No. 8**

View of the office/reception area located within the Site structure.

**APPENDIX B**  
**ENVIRONMENTAL DATA RESOURCES REPORT**

## **The EDR Radius Map with GeoCheck®**

**Oakland - Jack London Square  
311 2nd Street  
Oakland, CA 94607**

**Inquiry Number: 1396212.2s**

**April 08, 2005**



**EDR™ Environmental  
Data Resources Inc**

## **The Standard in Environmental Risk Management Information**

**440 Wheelers Farms Road  
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## GEOCHECK ADDENDUM

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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

RCRA-TSDF..... Resource Conservation and Recovery Act Information  
RCRA-LQG..... Resource Conservation and Recovery Act Information  
ERNS..... Emergency Response Notification System

### STATE ASTM STANDARD

CHMIRS..... California Hazardous Material Incident Report System  
Toxic Pits..... Toxic Pits Cleanup Act Sites  
SWF/LF..... Solid Waste Information System  
WMUDS/SWAT..... Waste Management Unit Database  
CA BOND EXP. PLAN..... Bond Expenditure Plan  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land  
INDIAN UST..... Underground Storage Tanks on Indian Land

### FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
Deilisted NPL..... National Priority List Deletions  
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report  
HMIRS..... Hazardous Materials Information Reporting System  
MLTS..... Material Licensing Tracking System  
MINES..... Mines Master Index File  
NPL Liens..... Federal Superfund Liens  
PADS..... PCB Activity Database System  
ODI..... Open Dump Inventory  
INDIAN RESERV..... Indian Reservations  
UMTRA..... Uranium Mill Tailings Sites  
RAATS..... RCRA Administrative Action Tracking System  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
SSTS..... Section 7 Tracking Systems  
FTTS INSP..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

### STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Petroleum Storage Tank Facilities  
CLEANERS..... Cleaner Facilities  
CA WDS..... Waste Discharge System  
DEED..... Deed Restriction Listing  
REF..... Unconfirmed Properties Referred to Another Agency  
WIP..... Well Investigation Program Case List  
EMI..... Emissions Inventory Data  
NFA..... No Further Action Determination  
NFE..... Properties Needing Further Evaluation  
SCH..... School Property Evaluation Program

### BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites  
US INST CONTROL..... Sites with Institutional Controls

### EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

## EXECUTIVE SUMMARY

### STATE ASTM STANDARD

**AWP:** California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 02/07/2005 has revealed that there is 1 AWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FLEET INDUSTRIAL SUPPLY C</b>	<b>2155 MARINER SQUARE LOO</b>	<b>1/2 - 1 S</b>	<b>Q88</b>	<b>122</b>

**CAL-SITES:** Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there is 1 Cal-Sites site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FLEET INDUSTRIAL SUPPLY C</b>	<b>2155 MARINER SQUARE LOO</b>	<b>1/2 - 1 S</b>	<b>Q88</b>	<b>122</b>

**CORTESE:** This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 39 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>PE O'HAIR &amp; COMPANY</b>	<b>339 3RD ST</b>	<b>0 - 1/8 N</b>	<b>A3</b>	<b>8</b>
<b>CITY AUTO REPAIR</b>	<b>300 WEBSTER ST</b>	<b>0 - 1/8 NNW</b>	<b>A5</b>	<b>10</b>
<b>PE OHARE COMPANY</b>	<b>309 4TH ST</b>	<b>0 - 1/8 NE</b>	<b>B8</b>	<b>13</b>
<b>LAKESIDE NON-FERROUS META</b>	<b>412 MADISON</b>	<b>1/4 - 1/2 E</b>	<b>32</b>	<b>33</b>
<b>OAKLAND AUTO PARTS</b>	<b>706 HARRISON ST</b>	<b>1/4 - 1/2 NNE</b>	<b>H34</b>	<b>37</b>
<b>SHELL</b>	<b>726 HARRISON ST</b>	<b>1/4 - 1/2 NNE</b>	<b>H35</b>	<b>39</b>
<b>EXPRESS AUTO SERVICE</b>	<b>333 BROADWAY</b>	<b>1/4 - 1/2 NNW</b>	<b>36</b>	<b>41</b>
<b>ALAMEDA CTY HEALTH HEADQU</b>	<b>499 5TH</b>	<b>1/4 - 1/2 NNW</b>	<b>42</b>	<b>49</b>
<b>UNOCAL</b>	<b>800 HARRISON ST</b>	<b>1/4 - 1/2 NNE</b>	<b>J44</b>	<b>49</b>
<b>BUILDING H 209</b>	<b>271 8TH ST</b>	<b>1/4 - 1/2 NE</b>	<b>48</b>	<b>54</b>
<b>EXXON</b>	<b>250 8TH ST</b>	<b>1/4 - 1/2 NE</b>	<b>L50</b>	<b>57</b>
<b>VIC'S AUTOMOTIVE SERVICE</b>	<b>245 8TH ST</b>	<b>1/4 - 1/2 NE</b>	<b>L51</b>	<b>60</b>
<b>OAKLAND FIRE STATION #12</b>	<b>822 ALICE ST</b>	<b>1/4 - 1/2 NE</b>	<b>L52</b>	<b>61</b>
<b>BILL LOUIE'S AUTO SERVICE</b>	<b>800 FRANKLIN ST</b>	<b>1/4 - 1/2 N</b>	<b>53</b>	<b>63</b>
<b>SHELL</b>	<b>105 5TH ST</b>	<b>1/4 - 1/2 E</b>	<b>54</b>	<b>66</b>
<b>ALLIED FOOD SALES</b>	<b>333 CLAY ST</b>	<b>1/4 - 1/2 NW</b>	<b>55</b>	<b>68</b>
<b>BART CORPORATION YARD</b>	<b>540 7TH ST E</b>	<b>1/4 - 1/2 NNW</b>	<b>57</b>	<b>70</b>
<b>SHELL</b>	<b>461 8TH ST</b>	<b>1/4 - 1/2 N</b>	<b>63</b>	<b>74</b>
<b>PACIFIC RENAISSANCE PLAZA</b>	<b>1000 FRANKLIN ST</b>	<b>1/4 - 1/2 N</b>	<b>71</b>	<b>91</b>
<b>SALVATION ARMY</b>	<b>810 CLAY ST</b>	<b>1/4 - 1/2 NNW</b>	<b>74</b>	<b>94</b>
<b>CARD LOCK FORMER BUILDING</b>	<b>79 8TH</b>	<b>1/4 - 1/2 ENE</b>	<b>78</b>	<b>100</b>
<b>OFFICE OF THE PRESIDENT U</b>	<b>1111 FRANKLIN</b>	<b>1/4 - 1/2 NNE</b>	<b>P82</b>	<b>104</b>



## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>EXPRESS AUTO SERVICE</b>	<b>333 BROADWAY</b>	<b>1/4 - 1/2NNW</b>	<b>36</b>	<b>41</b>
OAKLAND AUTOMATIC SALES	719 ALICE ST	1/4 - 1/2NE	37	43
ALCO HEALTH HEADQUARTERS	499 5TH ST	1/4 - 1/2NNW	140	47
ALAMEDA CTY HEALTH HEADQUARTER	499 5TH ST	1/4 - 1/2NNW	141	47
BAYPORT VILLAGE (ACORN II APAR	310 8TH ST	1/4 - 1/2NNE	J43	49
<b>UNOCAL</b>	<b>800 HARRISON ST</b>	<b>1/4 - 1/2NNE</b>	<b>J44</b>	<b>49</b>
<b>BUILDING H 209</b>	<b>271 8TH ST</b>	<b>1/4 - 1/2NE</b>	<b>48</b>	<b>54</b>
POST TOOL	400 OAK ST	1/4 - 1/2E	49	56
<b>EXXON</b>	<b>250 8TH ST</b>	<b>1/4 - 1/2NE</b>	<b>L50</b>	<b>57</b>
<b>VIC'S AUTOMOTIVE SERVICE</b>	<b>245 8TH ST</b>	<b>1/4 - 1/2NE</b>	<b>L51</b>	<b>60</b>
<b>OAKLAND FIRE STATION #12</b>	<b>822 ALICE ST</b>	<b>1/4 - 1/2NE</b>	<b>L52</b>	<b>61</b>
<b>BILL LOUIE'S AUTO SERVICE</b>	<b>800 FRANKLIN ST</b>	<b>1/4 - 1/2N</b>	<b>53</b>	<b>63</b>
<b>SHELL</b>	<b>105 5TH ST</b>	<b>1/4 - 1/2E</b>	<b>54</b>	<b>66</b>
<b>ALLIED FOOD SALES</b>	<b>333 CLAY ST</b>	<b>1/4 - 1/2NW</b>	<b>55</b>	<b>68</b>
<b>BART CORPORATION YARD</b>	<b>540 7TH ST E</b>	<b>1/4 - 1/2NNW</b>	<b>57</b>	<b>70</b>
<b>SHELL</b>	<b>461 8TH ST</b>	<b>1/4 - 1/2N</b>	<b>63</b>	<b>74</b>
<b>CHEVRON</b>	<b>609 OAK ST</b>	<b>1/4 - 1/2E</b>	<b>N64</b>	<b>76</b>
T & T AUTO	610 OAK ST	1/4 - 1/2ENE	N65	78
<b>PACIFIC RENAISSANCE PLAZA</b>	<b>1000 FRANKLIN ST</b>	<b>1/4 - 1/2N</b>	<b>71</b>	<b>91</b>
<b>EAST BAY ASIAN LOCAL DEVELOPME</b>	<b>901 WASHINGTON ST</b>	<b>1/4 - 1/2N</b>	<b>73</b>	<b>94</b>
<b>SALVATION ARMY</b>	<b>810 CLAY ST</b>	<b>1/4 - 1/2NNW</b>	<b>74</b>	<b>94</b>
<b>OAKLAND REDEVELOPMENT AGENCY</b>	<b>11TH ST / WEBSTER ST</b>	<b>1/4 - 1/2NNE</b>	<b>75</b>	<b>96</b>
<b>CARD LOCK FORMER BUILDING</b>	<b>79 8TH</b>	<b>1/4 - 1/2ENE</b>	<b>78</b>	<b>100</b>
<b>OFFICE OF THE PRESIDENT UC</b>	<b>1111 FRANKLIN ST</b>	<b>1/4 - 1/2NNE</b>	<b>P81</b>	<b>102</b>
<b>OFFICE OF THE PRESIDENT U</b>	<b>1111 FRANKLIN</b>	<b>1/4 - 1/2NNE</b>	<b>P82</b>	<b>104</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FUTURE AMTRAK STATION</b>	<b>245 2ND ST</b>	<b>0 - 1/8 ESE</b>	<b>6</b>	<b>11</b>
<b>MILLER PACKING COMPANY II</b>	<b>206 2ND ST</b>	<b>1/8 - 1/4ESE</b>	<b>E15</b>	<b>19</b>
<b>MILLER PACKING</b>	<b>201 2ND ST</b>	<b>1/8 - 1/4ESE</b>	<b>E16</b>	<b>21</b>
<b>EAST BAY PACKING COMPANY</b>	<b>208 JACKSON ST</b>	<b>1/8 - 1/4ESE</b>	<b>E20</b>	<b>24</b>
<b>UNITED BEVERAGE</b>	<b>105 JACKSON ST</b>	<b>1/8 - 1/4SE</b>	<b>F22</b>	<b>27</b>
<b>KTVU-TV</b>	<b>2 JACK LONDON SQUARE</b>	<b>1/4 - 1/2W</b>	<b>38</b>	<b>44</b>
<b>PENN PARTNERS</b>	<b>333 OAK ST</b>	<b>1/4 - 1/2ESE</b>	<b>39</b>	<b>46</b>
<b>UNION MACHINE WORKS OF OAKLAND</b>	<b>534 2ND ST</b>	<b>1/4 - 1/2WNW</b>	<b>K47</b>	<b>53</b>
<b>PEERLESS COFFEE</b>	<b>225 FALLON ST</b>	<b>1/4 - 1/2ESE</b>	<b>62</b>	<b>72</b>
<b>BALCO PROPERTIES</b>	<b>55 4TH ST</b>	<b>1/4 - 1/2E</b>	<b>66</b>	<b>79</b>
<b>MARINER SQUARE LTD</b>	<b>2420 MARINER SQUARE DR</b>	<b>1/4 - 1/2SSW</b>	<b>O68</b>	<b>86</b>
<b>OHN BEERY ORGANIZATION</b>	<b>2420 MARINER SQUARE DR</b>	<b>1/4 - 1/2SSW</b>	<b>O69</b>	<b>87</b>
<b>MARINER BOAT YARD</b>	<b>2415 MARINER SQUARE DR</b>	<b>1/4 - 1/2SSW</b>	<b>O70</b>	<b>89</b>
<b>BARNHILL CONSTRUCTION COMPANY</b>	<b>2394 MARINER SQUARE DR</b>	<b>1/4 - 1/2SSW</b>	<b>72</b>	<b>92</b>
<b>MACY'S MOVERS</b>	<b>200 VICTORY CT</b>	<b>1/4 - 1/2ESE</b>	<b>76</b>	<b>97</b>
<b>SUNSET WHOLESALE COMPANY</b>	<b>105 EMBARCADERO AVE</b>	<b>1/4 - 1/2ESE</b>	<b>77</b>	<b>98</b>

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/10/2005 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALAMEDA COUNTY PROBATION CENTE	400 BROADWAY	1/8 - 1/4NW	26	30

## EXECUTIVE SUMMARY

### FEDERAL ASTM SUPPLEMENTAL

**Federal Lands:** Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 10/01/2003 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALAMEDA NAVAL AIR STATION (CLO)		1/2 - 1 SW	0	7

**FUDS:** The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2003 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND AREA HOSP SITE		1/2 - 1 NE	85	108

### STATE OR LOCAL ASTM SUPPLEMENTAL

**CA SLIC:** SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, has revealed that there are 4 CA SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PORT OF OAKLAND/LOT 12	475 2ND ST	1/8 - 1/4 WNW	29	31

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PORT OF OAKLAND - SITE A	535 WATER ST	1/4 - 1/2 W	45	53
SOUTHERN PACIFIC TRANSPORT VUK	54 EMBARCADERO	1/4 - 1/2 SE	M59	71
P G & E OAKLAND POWER PLANT	50 GROVE STREET	1/4 - 1/2 WNW	80	102

### BROWNFIELDS DATABASES

**VCP:** Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

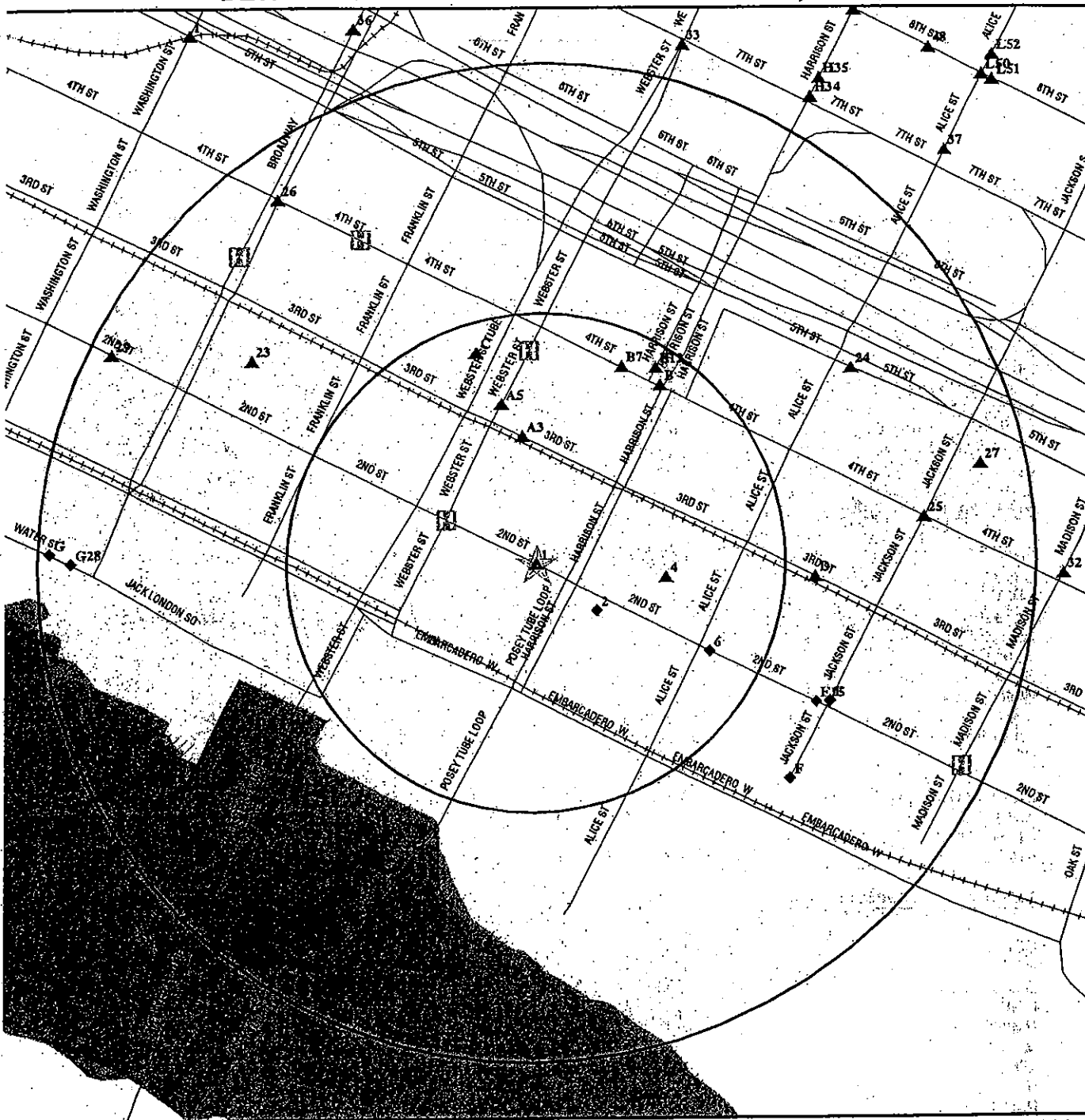
A review of the VCP list, as provided by EDR, and dated 02/07/2005 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
UNITED STATES COAST GUARD	Cal-Sites, AWP
PG&E GAS PLANT OAKLAND 601 2A	CERC-NFRAP
BATAVIA PROPERTY	CERC-NFRAP
CITY OF ALAMEDA / DPW	HAZNET, SWF/LF
NORTH PORT OF OAKLAND REFUSE DS/RA	SWF/LF
SHEPHERD CANYON PARK IDS	SWF/LF
WILANCO INC	LUST
WILANCO INC	LUST
11TH AND CLAY ST PARCEL T5/T6	LUST
CITY OF OAKLAND POLICE STATION	LUST
OAKLAND ARMY BASE TANK K (SE BLD.	LUST
OAKLAND ARMY BASE TANK B/C (W BLD.	LUST
PORT OF OAKLAND - LINCOLN PROPERTY	LUST
OAKLAND ARMY BASE TANK M	LUST
OAKLAND FISC UST 331N	LUST
SOUTHERN PACIFIC TRANSPORT COMPANY	LUST
EMPORIUM CAPWELL	LUST
CALTRANS CYPRESS PROJECT	LUST
CALTRANS	LUST
CYPRESS RECONSTRUCTION AREA 2	LUST
HANS AND GUNTER ROOFING COMPANY	LUST
FRANCIS PLATING	LUST
MANDELA GATEWAY REDEVELOPMENT	LUST
PARKING LOT	LUST
GLEN ECHO CREEK CULVERT	LUST
VACANT PROPERTY	LUST
OAKLAND FISC UST SITE 211-1,2,3	LUST
PORT OF OAKLAND / CYPRESS FREEWAY	VCP
OAKLAND MAIN POST OFFICE PARKING S	VCP
CYPRESS FREEWAY-3RD STREET SOUNDWA	VCP
MICRONESIAN CARGO INTERNATIONAL	VCP
SCHNITZER STEEL PRODUCTS COMPA	VCP
CITY OF OAKLAND #2 ENGINE FIRE	RCRA-SQG, FINDS, CA FID UST, -
OAKLAND FUEL FACILITIES CORP	HIST UST
OAKLAND TERMINAL RAILWAY	CA FID UST
PORT OF OAKLAND	AST
1X CITY OF OAKLAND	HAZNET
1X CITY OF OAKLAND	HAZNET
CITY OF OAKLAND, PUBLIC WORKS	HAZNET
OAKLAND UNIFIED SCHOOL DISTRICT	HAZNET
SANTA FE PACIFIC PIPELINE OAKLAND	HAZNET
PORT OF OAKLAND (FISCO)	HAZNET
UNION PACIFIC RAILROAD - 5TH AND U	RCRA-SQG, FINDS
UNION POINT WATERFRONT PARK	FINDS, RCRA-LQG
SITE B PROPERTIES	CA SLIC
EAST BASIN MARINA	CA SLIC
FLEET AND INDUSTRIAL SUPPLY CENTER	CA SLIC
CYPRESS FREEWAY RECONSTRUCTION	CA SLIC

DETAIL MAP - 1396212.2s - SECOR International, Inc.



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Coal Gasification Sites

Historical Gas Stations / Historical Dry Cleaners  
See the EDR Proprietary Historical Map Findings

Sensitive Receptors

National Priority List Sites

Landfill Sites

Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands

Areas of Concern

TARGET PROPERTY: Oakland - Jack London Square  
ADDRESS: 311 2nd Street  
CITY/STATE/ZIP: Oakland CA 94607  
LAT/LONG: 37.7948 / 122.2731

CUSTOMER: SECOR International, Inc.  
CONTACT: Justin Hone  
INQUIRY #: 1396212.2s  
DATE: April 08, 2005 1:12 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<b>STATE OR LOCAL ASTM SUPPLEMENTAL</b>								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	1	3	NR	NR	4
HAZNET	X	TP	NR	NR	NR	NR	NR	0
<b>EDR PROPRIETARY HISTORICAL DATABASES</b>								
Gas Stations/Dry Cleaners		0.250	2	3	NR	NR	NR	5
Coal Gas		1.000	0	0	1	1	NR	2
<b>BROWNFIELDS DATABASES</b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	2	NR	NR	2

**NOTES:**

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MEYER PLUMBING SUPPLY (Continued)

S102433335

Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: ARCHIVED 11/1/96 CONTROL NO 120-107 SRC 0904757

LUST Region 2:

Region: 2  
Case Number: 4616  
Facility Id: 01-2151  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: 6/11/1996  
Prelm. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region: ALAMEDA  
Record Id: RO0000541  
Status: Case Closed

HAZNET:

Gepaid: CAC002195217  
TSD EPA ID: CAD028409019  
Gen. County: 1  
Tsd County: Los Angeles  
Tons: .7500  
Waste Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Contact: J & J TRUCKING  
Telephone: (800) 662-0763  
Mailing Address: PO BOX 610697  
SAN JOSE, CA 95161 - 1000  
County: 1

CORTESE:

Region: CORTESE  
Fac. Address 2: 311 2nd St

DOD  
Region  
SW  
1/2-1  
2982 ft.

ALAMEDA NAVAL AIR STATION (CLOSED)  
ALAMEDA (County), CA

DOD CDOD036430  
N/A

FEDERAL LANDS:

Feature 1: Navy DOD  
Feature 2: Not reported  
Feature 3: Not reported  
Agency: DOD  
URL: Not reported  
Name 1: Alameda Naval Air Station (Closed)  
Name 2: Not reported  
Name 3: Not reported  
State: CA

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PE O'HAIR & COMPANY (Continued)

S102434797

Staff : BG  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin # : Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 1994-09-08 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100772  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : WP ONLY; SENT FILE TO ACHD 9/94

LUST Region 2:

Region: 2  
Case Number: 01-0838  
Facility Id: 01-0838  
Facility Status: Leak being confirmed  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: 1/20/1996  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

CORTESE:

Region: CORTESE  
Fac Address 2: 339 3RD ST.

4 EAST BAY TIRE CO.  
East 225 003RD ST  
< 1/8 OAKLAND, CA 94607  
346 ft.

CA FID UST S101624365  
N/A.

Relative:  
Equal

Actual:  
14 ft.

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

CITY AUTO REPAIR (Continued)

S103653223

CORTESE:  
Region: CORTESE  
Fac Address 2: 330 WEBSTER ST

6  
ESE  
< 1/8  
518 ft.

FUTURE AMTRAK STATION  
245 2ND ST  
OAKLAND, CA 94607

LUST: S101293776  
Cortese: N/A

Relative:  
Lower

Actual:  
12 ft.

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-2251  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected  
Status: Case Closed  
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Pump and Treat Ground Water - generally employed to remove dissolved contaminants  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: 1997-11-21 00:00:00  
Close Date: 1998-04-03 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1997-11-21 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: Corrosion  
Leak Source: Tank  
MTBE Date: 1965-01-02 00:00:00  
Max.MTBE GW: 0 Parts per Billion  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 4581  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1998-04-09 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

OAKLAND FISC 331EAST 331E (Continued)

S105692139

Close Date: 2002-07-29 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 2002-01-09 00:00:00  
Funding: Not reported  
Staff Initials: Not reported  
How Discovered: Not reported  
How Stopped: Not reported  
Interim: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: Not reported  
Beneficial: SAL  
Staff: LM  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Department of Defense UST  
Review Date: 2002-01-08 00:00:00  
Stop Date: Not reported  
Work Suspended: Not reported  
Responsible Party: MR. DALE KLETTKE  
RP Address: 530 WATER ST.  
Global Id: T0607592080  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 25  
Mtb Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: 11/14 EDR; 12/12WP; MTBE DATE 4/20/98.

B8  
NE  
< 1/8  
572 ft.

PE OHARE COMPANY  
309 4TH ST  
OAKLAND, CA 94607

Site 2 of 4 in cluster B

Relative:  
Higher

State LUST:

Actual:  
22 ft.

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1144  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Undefined

LUST S104164401  
Cortese N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PE OHARE COMPANY (Continued)

S104164401

Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Wokplan Submitted: 11/23/1992  
Preliminary Site Assesment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : R00001134  
Status : Case Closed

CORTESE:

Region: CORTESE  
Fac Address 2: 309 4TH ST

B9  
NE  
< 1/8  
572 ft.

P. E. O'HAIR & CO.  
309 4TH ST  
OAKLAND, CA 94607

HIST UST U001599204  
N/A

Site 3 of 4 in cluster B

Relative:  
Higher

Actual:  
22 ft.

UST HIST:

Facility ID: 66650  
Total Tanks: 1  
Owner Address: 840 BRANNAN ST.  
SAN FRANCISCO, CA 94103

Tank Used for: WASTE  
Tank Num: 1  
Tank Capacity: 00000500  
Type of Fuel: 1

Leak Detection: Stock Inventor  
Contact Name: MICHAEL O'HAIR  
Facility Type: Other

Owner Name: P. E. O'HAIR & CO.  
Region: STATE

Container Num: #1  
Year Installed: Not reported  
Tank Construction: X inches

Telephone: (415) 451-6424  
Other Type: Not reported

C10  
NNW  
< 1/8  
576 ft.

P. E. O'HAIR & CO.  
309 FOURTH STREET  
OAKLAND, CA 92626

Notify 65 S100179449  
N/A

Site 1 of 2 in cluster C

Relative:  
Higher

Actual:  
20 ft.

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 92626

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CALTRANS DISTRICT 4 (Continued)

1000419497

Gepaid: CAD982028722  
TSD EPA ID: CAT000646117  
Gen County: 1  
Tsd County: Kings  
Tons: 1.1000  
Waste Category: Other inorganic solid waste  
Disposal Method: Treatment, Tank  
Contact: CALTRANS  
Telephone: (916) 657-4767  
Mailing Address: 111 GRAND AVE 14TH FL  
OAKLAND, CA 94623

County 1

Gepaid: CAD982028722  
TSD EPA ID: CAT000646117  
Gen County: 1  
Tsd County: Kings  
Tons: 6.5000  
Waste Category: Unspecified sludge waste  
Disposal Method: \*\*\*  
Contact: CALTRANS  
Telephone: (916) 657-4767  
Mailing Address: 111 GRAND AVE 14TH FL  
OAKLAND, CA 94623

County 1

Gepaid: CAD982028722  
TSD EPA ID: CAT000646117  
Gen County: 1  
Tsd County: Kings  
Tons: 7.7500  
Waste Category: Other inorganic solid waste  
Disposal Method: Disposal, Other  
Contact: CALTRANS  
Telephone: (916) 657-4767  
Mailing Address: 111 GRAND AVE 14TH FL  
OAKLAND, CA 94623

County 1

Gepaid: CAD982028722  
TSD EPA ID: CAD980884183  
Gen County: 1  
Tsd County: Sacramento  
Tons: .4000  
Waste Category: Liquids with pH <UN-> 2 with metals  
Disposal Method: Transfer Station  
Contact: CALTRANS  
Telephone: (916) 657-4767  
Mailing Address: 111 GRAND AVE 14TH FL  
OAKLAND, CA 94623

County 1

[Click this hyperlink](#) while viewing on your computer to access  
26 additional CA HAZNET record(s) in the EDR Site Report.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**EAST BAY TIRE COMPANY (Continued)**

S104162440

GW Qualifier : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifier : Not reported  
 Hydr Basin #: Alameda East Bay (2-  
 Operator : Not reported  
 Oversight Prgm: LUST  
 Review Date : 1997-06-18 00:00:00  
 Stop Date : Not reported  
 Work Suspended No  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600102045  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mtbe Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To Lust: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported  
 Summary : REQ. CASE CLOSURE 4/2/97..CASE CLOSED 7/97..

**LUST Region 2:**

Region: 2  
 Case Number: 6244  
 Facility Id: 01-2227  
 Facility Status: Case Closed  
 How Discovered: TC  
 Leak Cause: UNK  
 Leak Source: UNK  
 Oversight Program: LUST  
 Date Leak Confirmed: 6/5/1995  
 Prelim. Site Assessment Wokplan Submitted: Not reported  
 Preliminary Site Assessment Began: Not reported  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region : ALAMEDA  
 Record Id : RO0000743  
 Status : Case Closed

**E15 MILLER PACKING COMPANY II**  
**ESE 206 2ND ST**  
**1/8-1/4 OAKLAND, CA 94607**  
**831 ft.**

LUST S101293775  
 Cortese N/A

**Site 1 of 6 in cluster E**

**Relative:  
 Lower**

**State LUST:**

**Actual:  
 12 ft.**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0974  
 Reg Board: 2  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency : 01000L  
 Case Type: Soil only

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MILLER PACKING COMPANY II (Continued)

S101293775

Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 1/2/1965  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Recprd Id : RO0000080  
Status : Case Closed

CORTESE:

Region: CORTESE  
Fac Address 2: 206 2ND ST

E16  
ESE  
1/8-1/4  
861 ft.

MILLER PACKING  
201 2ND ST  
OAKLAND, CA 94607

HAZNET S105036336  
LUST N/A  
Cortese

Site 2 of 6 in cluster E

Relative:  
Lower

Actual:  
12 ft.

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 21-2395  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Undefined  
Status: Preliminary site assessment underway  
Review Date: 1992-03-03 00:00:00  
Workplan: 1965-01-02 00:00:00  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1998-09-25 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Not reported  
Leak Cause: UNK  
Leak Source: UNK  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case #: 3700  
Beneficial: Not reported

Confirm Leak: 1992-03-03 00:00:00  
Prelim Assess: 1965-01-02 00:00:00  
Remed Plan: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

**MILLER PACKING (Continued)**

S105036336

Gepaid: CAC000912624  
TSD EPA ID: CAD000088352  
Gen County: 1  
Tsd County: 0  
Tons: .1500  
Waste Category: Contaminated soil from site clean-ups  
Disposal Method: Not reported  
Contact: MILLER PACKING CO  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 986  
OAKLAND, CA 94604  
County: 1

CORTESE:  
Region: CORTESE  
Fac Address 2: 201 2nd St

E17  
ESE  
1/8-1/4  
861 ft.

**MILLER PACKING COMPANY**  
201 2ND ST  
OAKLAND, CA 94607

HIST UST: U001599195  
N/A

Site 3 of 6 in cluster E

Relative:  
Lower

Actual:  
12 ft.

UST HIST:  
Facility ID: 65942  
Total Tanks: 1  
Owner Address: 206 SECOND STREET  
OAKLAND, CA 94607  
Tank Used for: WASTE  
Tank Num: 1  
Tank Capacity: 00000550  
Type of Fuel: 2  
Leak Detection: None  
Contact Name: WILLIAM MILTON  
Facility Type: Other

Owner Name: MILLER PACKING COMPANY  
Region: STATE  
Container Num: 201  
Year Installed: Not reported  
Tank Construction: X centimeters  
Telephone: (415) 451-7200  
Other Type: MEAT PROCESSING PLAN

E18  
ESE  
1/8-1/4  
862 ft.

**EAST BAY PACKING COMPANY**  
208 JACKSON ST  
OAKLAND, CA 94607

HIST UST: U001599172  
N/A

Site 4 of 6 in cluster E

Relative:  
Lower

Actual:  
12 ft.

UST HIST:  
Facility ID: 5922  
Total Tanks: 1  
Owner Address: 461 S. BOYLSTON ST.  
LOS ANGELES, CA 90017  
Tank Used for: PRODUCT  
Tank Num: 1  
Tank Capacity: 00002000  
Type of Fuel: PREMIUM  
Leak Detection: Stock Inventor  
Contact Name: GILBERT GRANUCCI  
Facility Type: Other

Owner Name: UNION OIL COMPANY OF CALIFORNIA  
Region: STATE  
Container Num: 19445246  
Year Installed: 1971  
Tank Construction: Not Reported  
Telephone: (415) 465-7700  
Other Type: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

EAST BAY PACKING COMPANY (Continued)

S101624364

Review Date: 1990-07-09 00:00:00  
Workplan: 1990-08-08 00:00:00  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: 1992-03-09 00:00:00  
Enf Type: EF  
Enter Date: 1990-05-25 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: 3707  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 2002-04-04 00:00:00  
Stop Date: Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100487  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mlbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: LOP UPDATE--10/21/93

Confirm Leak: 1990-07-09 00:00:00  
Prelim Assess: 1990-08-08 00:00:00  
Remed Plan: Not reported

LUST Region 2:

Region: 2  
Case Number: 3707  
Facility Id: 01-0533  
Facility Status: Preliminary site assessment underway  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

F22 UNITED BEVERAGE  
SE 105 JACKSON ST  
1/8-1/4 OAKLAND, CA 94607  
886 ft.

LUST S101624397  
Cortese N/A  
CA FID UST

Site 2 of 2 in cluster F

Relative:  
Lower

Actual:  
11 ft.

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1707  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Undefined  
Status: Preliminary site assessment underway  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: Not reported  
Workplan: 1965-01-02 00:00:00  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 2001-10-17 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1993-06-21 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: No  
Leak Cause: UNK  
Leak Source: UNK  
MTBE Date: 2001-05-20 00:00:00  
Max MTBE GW: 5 Parts per Billion  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 4004  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: ND  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 2001-09-05 00:00:00  
Stop Date: Not reported  
Work Suspended No:  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101578  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mibe Fuel: 1

Confirm Leak: Not reported  
Prelim Assess: 1965-01-02 00:00:00  
Remed Plan: Not reported



**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

**PACIFIC RIM (Continued)**

1000985175

RCRAInfo:  
Owner: STEVEN A MOORE  
(707) 746-6067  
EPA ID: CA0001012269  
Contact: BARRY SWEAT  
(707) 746-6067  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Resource Conservation and Recovery Act Information system

24 ENE  
1/8-1/4  
977 ft.

PORT OF OAKLAND  
251 5TH  
OAKLAND, CA 94607

RCRA-SQG 1000393267  
FINDS CAD982401499

Relative:  
Higher  
Actual:  
56 ft.

RCRAInfo:  
Owner: PORT OF OAKLAND/MICHELE HEFFES  
(415) 555-1212  
EPA ID: CAD982401499  
Contact: DAN SCHOENHOLZ  
(510) 272-1220  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Resource Conservation and Recovery Act Information system

25 East  
1/8-1/4  
1032 ft.

REYNOLDS FAMILY TRUST 201 4TH  
201 4TH ST  
OAKLAND, CA 94607

RCRA-SQG 1004676157  
FINDS CAR000081562

Relative:  
Higher  
Actual:  
17 ft.

RCRAInfo:  
Owner: REYNOLDS FAMILY TRUST  
(925) 674-8400  
EPA ID: CAR000081562  
Contact: KERI CUMMINGS  
(510) 832-8441  
Classification: Small Quantity Generator  
TSDF Activities: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

29 PORT OF OAKLAND/LOT 12  
 WNW 475 2ND ST  
 1/8-1/4 OAKLAND, CA 94607  
 1258 ft.

HAZNET S101641545  
 CA SLIC N/A

Relative:  
 Equal

Actual:  
 14 ft.

HAZNET:  
 Gepaid: CAC001032896  
 TSD EPA ID: CAD980883177  
 Gen County: 1  
 Tsd County: Kern  
 Tons: 5.0040  
 Waste Category: Unspecified oil-containing waste  
 Disposal Method: Recycler  
 Contact: PORT OF OAKLAND  
 Telephone: (000) 000-0000  
 Mailing Address: 530 WATER ST  
 OAKLAND, CA 94607 - 3746  
 County 1  
 Gepaid: CAC001032896  
 TSD EPA ID: UTC093012201  
 Gen County: 1  
 Tsd County: 99  
 Tons: 60.0000  
 Waste Category: Contaminated soil from site clean-ups  
 Disposal Method: Not reported  
 Contact: PORT OF OAKLAND  
 Telephone: (000) 000-0000  
 Mailing Address: 530 WATER ST  
 OAKLAND, CA 94607 - 3746  
 County 1  
 Gepaid: CAC001032896  
 TSD EPA ID: UTC093012201  
 Gen County: 1  
 Tsd County: 99  
 Tons: 256.9394  
 Waste Category: Contaminated soil from site clean-ups  
 Disposal Method: Not reported  
 Contact: PORT OF OAKLAND  
 Telephone: (000) 000-0000  
 Mailing Address: 530 WATER ST  
 OAKLAND, CA 94607 - 3746  
 County 1  
 Gepaid: CAC001032896  
 TSD EPA ID: UTC093012201  
 Gen County: 1  
 Tsd County: 99  
 Tons: 3955.7120  
 Waste Category: Contaminated soil from site clean-ups  
 Disposal Method: Disposal, Land Fill  
 Contact: PORT OF OAKLAND  
 Telephone: (000) 000-0000  
 Mailing Address: 530 WATER ST  
 OAKLAND, CA 94607 - 3746  
 County 1

CA STATE SLIC:  
 Global Id: SLT20143149  
 Region: STATE

**HAP FINDINGS**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**G31 SALTY DOG (GAS DOCK)**  
**West 53 JACK LONDON SQ.**  
**1/8-1/4 OAKLAND, CA 94607**  
**1286 ft.**

**CA FID UST S101624393**  
**N/A**

Relative:  
 Lower

Site 3 of 3 in cluster G

Actual:  
 9 ft.

**FID:**  
 Facility ID: 01002780 Regulate ID: 00059962  
 Reg By: Active Underground Storage Tank Location  
 Cortese Code: Not reported SIC Code: Not reported  
 Status: Active Facility Tel: (415) 452-2563  
 Mail To: Not reported  
 53 JACK LONDON SQ  
 OAKLAND, CA 94607  
 Contact: Not reported Contact Tel: Not reported  
 DUNS No: Not reported NPDES No: Not reported  
 Creation: 10/22/93 Modified: 00/00/00  
 EPA ID: Not reported  
 Comments: Not reported

**32 LAKESIDE NON-FERROUS META**  
**East 412 MADISON**  
**1/4-1/2 OAKLAND, CA 94607**  
**1393 ft.**

**HAZNET S103472374**  
**LUST N/A**  
**Cortese**  
**CA WDS**

Relative:  
 Higher

State LUST:

Actual:  
 16 ft.

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-2436  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Undefined  
 Status: Preliminary site assessment underway  
 Review Date: 1996-07-09 00:00:00 Confirm Leak: 1996-07-09 00:00:00  
 Workplan: 1965-01-02 00:00:00 Prelim Assess: 1965-01-02 00:00:00  
 Pollution Char: Not reported Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1998-09-30 00:00:00  
 Funding: Federal Funds  
 Staff Initials: BC  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: Not reported  
 Leak Cause: UNK  
 Leak Source: UNK  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Site NOT Tested for MTBE, Includes Unknown and Not Analyzed.  
 Priority: Not reported  
 Local Case #: 2048  
 Beneficial: Not reported  
 Staff: BG

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

LAKESIDE NON-FERROUS META (Continued)

S103472374

Mailing Address: 412 MADISON ST  
 OAKLAND, CA 94607 - 4634

County 1

Gepaid: CAD028797561

TSD EPA ID: Not reported

Gen County: Alameda

Tsd County: Alameda

Tons: 0.11

Waste Category: Liquids with halogenated organic compounds > 1000 mg/l

Disposal Method: Transfer Station

Contact: LESTER FINKEL

Telephone: (510) 444-5466

Mailing Address: 412 MADISON ST  
 OAKLAND, CA 94607 - 4634

County Not reported

CORTESE:

Region: CORTESE

Fac Address 2: Not reported

Region: CORTESE

Fac Address 2: Not reported

WDS:

Facility ID: San Francisco Bay 011011285

Facility Contact: LESTER FINKEL

Facility Telephone: (510) 444-5466

SIC Code: 0

SIC Code 2: Not reported

Agency Name: LAKESIDE NONFERROUS METALS

Agency Address: 412 Madison St  
 Oakland 94607 - 4634

Agency Contact: LESTER FINKEL

Agency Phone: (510) 444-5466

Design Flow: Not reported

Baseline Flow: Not reported

Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements

Agency Type: Private

Waste Type: Not reported

Threat to Water: Not reported

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Reclamation: Not reported

POTW: Not reported

NPDES Number: CAS000001. The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board.

Subregion: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ASIAN HEALTH SERVICES (Continued)**

**S102797315**

Status Code Definition : NO ACTION - FOR CALMORTGAGE ONLY  
 Cubic Yards Of Solids Removed At Completion : 0  
 Gallons Of Liquid Removed Upon Completion : 0  
 Cubic Yards Of Solids Treated Upon Completion : 0  
 Actvty Deleted Via Commitmnt/Completns Screen : Not reported  
 Special Program Code: Not reported  
 Special Program : Not reported  
 Comments Date : 07271995  
 Comments : Pursuant to the MOU, DTSC has reviewed a Phase I Preliminary Environmental Assessment for Asian Health Services (AHS). The subject property currently contains a vacant three-story commercial office building. AHS is proposing to remodel the building in order to accommodate a community health clinic. A Supplemental Phase I Environmental Assessment Report was prepared by DTSC and concluded that no action was needed for this property; there was contamination on the property.

**HAZNET:**

Gepaid: CAC000914040  
 TSD EPA ID: CAD982042475  
 Gen County: 1  
 Tsd County: Solano  
 Tons: 2.5284  
 Waste Category: Asbestos-containing waste  
 Disposal Method: Disposal, Land Fill  
 Contact: ASIAN HEALTH SERVICES  
 Telephone: (000) 000-0000  
 Mailing Address: 310 8TH ST  
 OAKLAND, CA 94607 - 4253  
 County 1

H34  
 NNE  
 1/4-1/2  
 1425 ft.

**OAKLAND AUTO PARTS**  
**706 HARRISON ST**  
**OAKLAND, CA 94612**

**LUST S101624367**  
**Cortese N/A**  
**CA FID UST**

**Site 1 of 2 in cluster H**

Relative:  
 Higher

Actual:  
 32 ft.

**State LUST:**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1068  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency : Not reported  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment underway  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported  
 Workplan: 1965-01-02 00:00:00  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: Not reported  
 Cleanup Fund Id : Not reported  
 Discover Date : Not reported  
 Enforcement Dt : Not reported  
 Enf Type: Not reported

Confirm Leak: Not reported  
 Prelim Assess: 1965-01-02 00:00:00  
 Remed Plans: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

OAKLAND AUTO PARTS (Continued)

S101624367

Status : Leak being confirmed  
Region : ALAMEDA  
Record Id : RO0000484  
Status : Remedial action (cleanup) Underway  
Region : ALAMEDA  
Record Id : RO0000484  
Status : Not reported  
Region : ALAMEDA  
Record Id : RO0000484  
Status : Not reported  
Region : ALAMEDA  
Record Id : RO0000484  
Status : Remedial action (cleanup) Underway

CORTESE:  
Region: CORTESE  
Fac Address 2: 706 Harrison St

FID:  
Facility ID: 01001180  
Reg By: Inactive Underground Storage Tank Location  
Cortese Code: Not reported  
Status: Inactive  
Mail To: Not reported  
706 HARRISON ST  
OAKLAND, CA 94607  
Contact: Not reported  
DUNs No: Not reported  
Creation: 10/22/93  
EPA ID: Not reported  
Comments: Not reported  
Regulate ID: 00061568  
SIC Code: Not reported  
Facility Tel: (415) 444-2997  
Contact Tel: Not reported  
NPDES No: Not reported  
Modified: 00/00/00

H35  
NNE  
1/4-1/2  
1480 ft.

SHELL  
726 HARRISON ST  
OAKLAND, CA 94607

LUST S101580397  
Cortese N/A  
CA FID UST

Site 2 of 2 in cluster H

Relative:  
Higher

Actual:  
33 ft.

State LUST:  
Cross Street: 8TH ST  
Qty Leaked: Not reported  
Case Number: 01-2307  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other-ground water affected  
Status: Pollution Characterization  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: Not reported  
Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SHELL (Continued)**

S101580397

Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region : ALAMEDA  
 Record Id : RO0000321  
 Status : Leak being confirmed

Region : ALAMEDA  
 Record Id : RO0000321  
 Status : Not reported

Region : ALAMEDA  
 Record Id : RO0000321  
 Status : Not reported

Region : ALAMEDA  
 Record Id : RO0000321  
 Status : Not reported

Region : ALAMEDA  
 Record Id : RO0000321  
 Status : Not reported

**CORTESE:**

Region: CORTESE  
 Fac Address 2: 726 HARRISON ST

**FID:**

Facility ID:	01002773	Regulate ID:	00059146
Reg By:	Active Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(415) 444-6583
Status:	Active		
Mail To:	Not reported		
	726 HARRISON ST		
	OAKLAND, CA 94607	Contact Tel:	Not reported
Contact:	Not reported	NPDES No:	Not reported
DUNs No:	Not reported	Modified:	00/00/00
Creation:	10/22/93		
EPA ID:	Not reported		
Comments:	Not reported		

36  
 NNW  
 1/4-1/2  
 1497 ft.

**EXPRESS AUTO SERVICE**  
 333 BROADWAY  
 OAKLAND, CA 94612

HAZNET S101580028  
 LUST N/A  
 Cortese  
 CA FID UST

Relative:  
 Higher

Actual:  
 26 ft.

**State LUST:**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0017  
 Reg Board: 2  
 Chemical: Waste Oil  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Soil only  
 Status: Case Closed  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Review Date: 1992-07-15 00:00:00  
 Confirm Leak: 1992-07-15 00:00:00

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**EXPRESS AUTO SERVICE (Continued)**

S101580028

Prelim. Site Assessment Wokplan Submitted: Not reported  
 Preliminary Site Assessment Began: 7/14/1993  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region : ALAMEDA  
 Record Id : RO0000844  
 Status : Case Closed

**HAZNET:**

Gepaid: CAC001056576  
 TSD EPA ID: CAD009466392  
 Gen County: 1  
 Tsd County: 7  
 Tons: 5.0000  
 Waste Category: Other empty containers 30 gallons or more  
 Disposal Method: Recycler  
 Contact: JOHN LEONARDINI  
 Telephone: (000) 000-0000  
 Mailing Address: 2001 VICTORINE RD  
 LIVERMORE, CA 94550  
 County 1

**CORTESE:**

Region: CORTESE  
 Fac Address 2: 333 Broadway

**FID:**

Facility ID:	01000705	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	Not reported
Status:	Active	Contact Tel:	Not reported
Mail To:	Not reported	NPDES No:	Not reported
	2001 VICTORINE RD	Modified:	00/00/00
	OAKLAND, CA 94607		
Contact:	Not reported		
DUNs No:	Not reported		
Creation:	10/22/93		
EPA ID:	Not reported		
Comments:	Not reported		

37  
 NE  
 1/4-1/2  
 1531 ft.

**OAKLAND AUTOMATIC SALES**  
 719 ALICE ST  
 OAKLAND, CA

LUST S106784905  
 N/A

Relative:  
 Higher  
 Actual:  
 32 ft.

**LUST Alameda County:**

Region : ALAMEDA  
 Record Id : RO0002838  
 Status : Case Closed



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

KTVU-TV (Continued)

1000423958

Gepaid: CAD004275665  
TSD EPA ID: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .0959  
Waste Category: Aqueous solution with 10% or more total organic residues  
Disposal Method: Recycler  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 2 JACK LONDON SQ  
OAKLAND, CA 94607 - 3727

County: 1

Gepaid: CAD004275665  
TSD EPA ID: CAD982446890  
Gen County: 1  
Tsd County: San Joaquin  
Tons: .3336  
Waste Category: Waste oil and mixed oil  
Disposal Method: Transfer Station  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 2 JACK LONDON SQ  
OAKLAND, CA 94607 - 3727

County: 1

CORTESE:

Region: CORTESE  
Fac Address 2: 2 Jack London Sq

FID:

Facility ID: 01002700 Regulate ID: 00042635  
Reg By: Active Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Active Facility Tel: (415) 874-0253  
Mail To: Not reported  
P O BOX  
OAKLAND, CA 94607  
Contact: Not reported Contact Tel: Not reported  
DUNs No: Not reported NPDES No: Not reported  
Creation: 10/22/93 Modified: 00/00/00  
EPA ID: Not reported  
Comments: Not reported

UST HIST:

Facility ID: 42635 Owner Name: COX COMMUNICATIONS, INC.  
Total Tanks: 2 Region: STATE  
Owner Address: P.O. BOX 105357  
ATLANTA, GA 30348  
Tank Used for: PRODUCT  
Tank Num: 1 Container Num: G-5 4, 000  
Tank Capacity: 00004000 Year Installed: 1980  
Type of Fuel: DIESEL Tank Construction: Not Reported  
Leak Detection: Stock Inventor  
Contact Name: Not reported Telephone: (415) 874-0253  
Facility Type: Other Other Type: TV STATION  
Facility ID: 42635 Owner Name: COX COMMUNICATIONS, INC.  
Total Tanks: 2 Region: STATE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PENN PARTNERS (Continued)**

S101306651

Stop Date : Not reported  
 Work Suspended No  
 Responsible Party BLANK RP  
 RP Address: Not reported  
 Global Id: T0600101060  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mtb Fuel: 0  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To Lust: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported  
 Summary : ARCHIVED 6/6/96 CONTROL NO 120-084 SRC 0904734

**LUST Region 2:**

Region: 2  
 Case Number: 01-1151  
 Facility Id: 01-1151  
 Facility Status: Case Closed  
 How Discovered: TC  
 Leak Cause: Structure Failure  
 Leak Source: Tank  
 Oversight Program: LUST  
 Date Leak Confirmed: Not reported  
 Prelim. Site Assessment Wokplan Submitted: Not reported  
 Preliminary Site Assesment Began: Not reported  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

I40  
 NNW  
 1/4-1/2  
 1674 ft.

**ALCO HEALTH HEADQUARTERS**  
 499 5TH ST  
 OAKLAND, CA

LUST S106661083  
 N/A

Site 1 of 3 in cluster I

Relative:  
 Higher

Actual:  
 22 ft.

LUST Alameda County:  
 Region : ALAMEDA  
 Record Id : R00000558  
 Status : Case Closed

I41  
 NNW  
 1/4-1/2  
 1674 ft.

**ALAMEDA CTY HEALTH HEADQUARTERS**  
 499 5TH ST  
 OAKLAND, CA 94607

LUST S105870881  
 N/A

Site 2 of 3 in cluster I

Relative:  
 Higher

Actual:  
 22 ft.

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1720  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Soil only

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**ALAMEDA CTY HEALTH HEADQUARTERS (Continued)** S105870881

Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	12/3/1992
Prelim. Site Assessment Wokplan Submitted:	1/15/1993
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

J42 ALAMEDA CTY HEALTH HEADQU  
 NNW 499 5TH  
 1/4-1/2 OAKLAND, CA 94607  
 1674 ft.

Cortese S103890903  
 N/A

Site 3 of 3 in cluster I  
 Relative: Higher  
 Actual: 22 ft.  
 CORTESE:  
 Region: CORTESE  
 Fac Address 2: Not reported

J43 BAYPORT VILLAGE (ACORN II APARTMENTS)  
 NNE 310 8TH ST  
 1/4-1/2 OAKLAND, CA  
 1678 ft.

LUST S106784902  
 N/A

Site 1 of 2 in cluster J  
 Relative: Higher  
 Actual: 36 ft.  
 LUST Alameda County:  
 Region : ALAMEDA  
 Record Id : RO0002710  
 Status : Case Closed

J44 UNOCAL  
 NNE 800 HARRISON ST  
 1/4-1/2 OAKLAND, CA  
 1681 ft.

HAZNET 1000167097  
 LUST N/A  
 Cortese  
 HIST UST

Site 2 of 2 in cluster J  
 Relative: Higher  
 Actual: 36 ft.  
 State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1611  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency : 01000L  
 Case Type: Other ground water affected  
 Status: Pollution Characterization  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Review Date: Not reported  
 Workplan: 1991-06-01 00:00:00  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: Not reported  
 Cleanup Fund Id : Not reported

Confirm Leak: Not reported  
 Prelim Assess: 1991-06-01 00:00:00  
 Remed Plan: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

UNOCAL (Continued)

1000167097

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0000231  
Status : Leak being confirmed

Region : ALAMEDA  
Record Id : RO0000231  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000231  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000231  
Status : Not reported

HAZNET:

Gepaid: CAD982054280  
TSD EPA ID: CAD980887418  
Gen County: 1  
Tsd County: 1  
Tons: .1209  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: UNION OIL COMPANY OF CALIFORNI  
Telephone: (714) 428-6560  
Mailing Address: PO BOX 25376  
SANTA ANA, CA 92799 - 5376  
County 1

Gepaid: CAD982054280  
TSD EPA ID: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .2835  
Waste Category: Aqueous solution with 10% or more total organic residues  
Disposal Method: Recycler  
Contact: UNION OIL COMPANY OF CALIFORNI  
Telephone: (714) 428-6560  
Mailing Address: PO BOX 25376  
SANTA ANA, CA 92799 - 5376  
County 1

Gepaid: CAD982054280  
TSD EPA ID: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: .5500  
Waste Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: UNION OIL COMPANY OF CALIFORNI  
Telephone: (714) 428-6560  
Mailing Address: PO BOX 25376  
SANTA ANA, CA 92799 - 5376  
County 1

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**45** PORT OF OAKLAND - SITE A  
**West** 535 WATER ST  
**1/4-1/2** OAKLAND, CA  
**1681 ft.**

**CA SLIC** S106235188  
 N/A

**Relative:** CA STATE SLIC :  
**Lower** Global Id : SL18375795  
 Region : STATE  
**Actual:** Assigned Name : SLICSITE  
**9 ft.** Lead Agency Contact : Not reported  
 Lead Agency : Not reported  
 Lead Agency Case Number : Not reported  
 Responsible Party : PORT OF OAKLAND  
 Recent Dtw : Not reported  
 Substance Released : PET

SLIC Region 2:  
 Facility ID: SL18375795  
 Region: 2  
 Facility Status: 5C  
 Date Closed: Not reported  
 Local Case #: Not reported  
 How Discovered : RPR  
 Leak Cause : Not reported  
 Leak Source : Not reported  
 Date Confirmed : Not reported  
 Date Prelim Site Assmnt Workplan Submitted : Not reported  
 Date Preliminary Site Assessment Began : Not reported  
 Date Pollution Characterization Began : Not reported  
 Date Remediation Plan Submitted : Not reported  
 Date Remedial Action Underway : Not reported  
 Date Post Remedial Action Monitoring Began : Not reported

**K46** UNION MACHINE WORKS OF OA  
**WNW** 534 2ND  
**1/4-1/2** OAKLAND, CA 94607  
**1704 ft.**

**Cortese** U003301073  
 N/A

**Relative:** Site 1 of 2 in cluster K  
**Lower** CORTESE:  
 Region: CORTESE  
**Actual:** Fac Address 2: Not reported  
**12 ft.**

**K47** UNION MACHINE WORKS OF OAKLAND  
**WNW** 534 2ND ST  
**1/4-1/2** OAKLAND, CA 94607  
**1704 ft.**

**LUST** S106715992  
 N/A

**Relative:** Site 2 of 2 in cluster K  
**Lower** State LUST:  
**Actual:** Cross Street: Not reported  
**12 ft.** Qty Leaked: Not reported  
 Case Number: 01-1537  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Other ground water affected  
 Status: Case Closed  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported  
 Confirm Leak: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

**BUILDING H 209 (Continued)**

S103723094

Lead Agency: Local Agency  
Local Agency : 01000L  
Case Type: Undefined  
Status: Preliminary site assessment workplan submitted  
Review Date: 1997-10-30 00:00:00  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date : 1998-09-28 00:00:00  
Funding: Federal Funds  
Staff Initials: BC  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim : Not reported  
Leak Cause: UNK  
Leak Source: UNK  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case # : 6895  
Beneficial: Not reported  
Staff : BG  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 1998-09-28 00:00:00  
Stop Date : Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102211  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : NEW CASE PER ACHD UPDATE - 9/98.

Confirm Leak: 1997-10-30 00:00:00  
Prelim Assess: Not reported  
Remed Plan: Not reported

**LUST Region 2:**

Region: 2  
Case Number: 6895  
Facility Id: 01-2401  
Facility Status: Preliminary site assessment workplan submitted

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**POST TOOL (Continued)**

S102435424

Beneficial: Not reported  
 Staff: BG  
 GW Qualifier: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifier: Not reported  
 Hydr Basin #: Alameda East Bay (2-  
 Operator: Not reported  
 Oversight Prgm: LUST  
 Review Date: 1994-01-11 00:00:00  
 Stop Date: Not reported  
 Work Suspended: No  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600101649  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mtbe Fuel: 0  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To Lust: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported  
 Summary: ARCHIVED 6/6/96 CONTROL NO 120-092 SRC 0904742

**LUST Region 2:**

Region: 2  
 Case Number: 3720  
 Facility Id: 01-1781  
 Facility Status: Case Closed  
 How Discovered: TC  
 Leak Cause: UNK  
 Leak Source: UNK  
 Oversight Program: LUST  
 Date Leak Confirmed: 2/10/1993  
 Prelim. Site Assessment Wokplan Submitted: 7/13/1993  
 Preliminary Site Assessment Began: Not reported  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region: ALAMEDA  
 Record Id: RO0001144  
 Status: Case Closed

L50 EXXON  
 NE 250 8TH ST  
 1/4-1/2 OAKLAND, CA 94607  
 1743 ft.

LUST S101580030  
 Cortese N/A

Relative:  
 Higher

**Site 1 of 3 in cluster L**

Actual:  
 35 ft.

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0582  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

EXXON (Continued)

S101580030

LUST Region 2:

Region: 2  
Case Number: 1585  
Facility Id: 01-0582  
Facility Status: Remedial action (cleanup) Underway  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Wokplan Submitted: Not reported  
Preliminary Site Assesment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: 11/1/1992  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0000479  
Status : Leak being confirmed

Region : ALAMEDA  
Record Id : RO0000479  
Status : Remedial action (cleanup) Underway

Region : ALAMEDA  
Record Id : RO0000479  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000479  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000479  
Status : Remedial action (cleanup) Underway

Region : ALAMEDA  
Record Id : RO0000479  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000479  
Status : Not reported

CORTESE:

Region: CORTESE  
Fac Address 2: 250 8TH ST



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**VIC'S AUTOMOTIVE SERVICE (Continued)**

S102657129

Mtbe Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To LUST: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported  
 Summary: URF ONLY

**LUST Region 2:**

Region: 2  
 Case Number: 263  
 Facility Id: 01-1244  
 Facility Status: Preliminary site assessment underway  
 How Discovered: TC  
 Leak Cause: UNK  
 Leak Source: UNK  
 Oversight Program: LUST  
 Date Leak Confirmed: Not reported  
 Prelim. Site Assessment Wokplan Submitted: Not reported  
 Preliminary Site Assesment Began: 1/2/1965  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region: ALAMEDA  
 Record Id: RO0000202  
 Status: Leak being confirmed

Region: ALAMEDA  
 Record Id: RO0000202  
 Status: Not reported

Region: ALAMEDA  
 Record Id: RO0000202  
 Status: Not reported

**CORTESE:**

Region: CORTESE  
 Fac Address 2: 245 8th St

L52  
 NE  
 1/4-1/2  
 1800 ft.

**OAKLAND FIRE STATION #12**  
 822 ALICE ST  
 OAKLAND, CA 94607

LUST U003713310  
 Cortese N/A

**Site 3 of 3 in cluster L**

Relative:  
 Higher

Actual:  
 35 ft.

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0626  
 Reg Board: 2  
 Chemical: Waste Oil  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Soil only  
 Status: Case Closed  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

**MAP FINDINGS**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

**OAKLAND FIRE STATION #12 (Continued)**

U003713310

Date Leak Confirmed: Not reported  
 Prelim. Site Assessment Workplan Submitted: Not reported  
 Preliminary Site Assessment Began: 11/2/1989  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

LUST Alameda County:  
 Region : ALAMEDA  
 Record Id : RO0001139  
 Status : Case Closed

CORTESE:  
 Region: CORTESE  
 Fac Address 2: 822 ALICE ST

53  
 North  
 1/4-1/2  
 1802 ft.

**BILL LOUIE'S AUTO SERVICE**  
 800 FRANKLIN ST  
 OAKLAND, CA

HAZNET: S101624352  
 LUST: N/A  
 Cortese  
 CA FID UST

Relative:  
 Higher  
 Actual:  
 37 ft.

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0056  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment underway  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Review Date: Not reported  
 Workplan: 1989-09-12 00:00:00  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: 1992-03-05 00:00:00  
 Enf Type: EF  
 Enter Date: 1989-09-15 00:00:00  
 Funding: Federal Funds  
 Staff Initials: AG  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: Yes  
 Leak Cause: Structure Failure  
 Leak Source: Tank  
 MTBE Date: 1965-01-02 00:00:00  
 Max MTBE GW: 810 Parts per Billion  
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
 Priority: Not reported  
 Local Case #: 37  
 Beneficial: Not reported  
 Staff: BG

Confirm Leak: Not reported  
 Prelim Assess: 1989-09-12 00:00:00  
 Remed Plan: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BILL LOUIE'S AUTO SERVICE (Continued)

S101624352

HAZNET:

Gepaid: CAL000112128  
TSD EPA ID: CAD070148432  
Gen County: 1  
Tsd County: 1  
Tons: .0125  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Not reported  
Contact: TONY LEE  
Telephone: (415) 333-3330  
Mailing Address: 789 CLAY ST  
SAN FRANCISCO, CA 94108 - 1802  
County 1

Gepaid: CAL000112128  
TSD EPA ID: CAD070148432  
Gen County: 1  
Tsd County: 1  
Tons: .0245  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Recycler  
Contact: TONY LEE  
Telephone: (415) 333-3330  
Mailing Address: 789 CLAY ST  
SAN FRANCISCO, CA 94108 - 1802  
County 1

Gepaid: CAL000112128  
TSD EPA ID: CAD070148432  
Gen County: 1  
Tsd County: 1  
Tons: .0950  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Treatment, Incineration  
Contact: TONY LEE  
Telephone: (415) 333-3330  
Mailing Address: 789 CLAY ST  
SAN FRANCISCO, CA 94108 - 1802  
County 1

CORTESE:

Region: CORTESE  
Fac Address 2: 800 Franklin St

FID:

Facility ID: 01000080  
Reg By: Inactive Underground Storage Tank Location  
Cortese Code: Not reported  
Status: Inactive  
Mail To: Not reported  
800 FRANKLIN ST  
OAKLAND, CA 94607  
Contact: Not reported  
DUNs No: Not reported  
Creation: 10/22/93  
EPA ID: Not reported  
Comments: Not reported

Regulate ID: 00038924  
SIC Code: Not reported  
Facility Tel: (415) 444-5632  
Contact Tel: Not reported  
NPDES No: Not reported  
Modified: 00/00/00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

**MAP FINDINGS**

Database(s)  
EDR ID Number  
EPA ID Number

**SHELL (Continued)**

**S105035865**

Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

**LUST Region 2:**

Region: 2  
Case Number: 3849  
Facility Id: 01-2300  
Facility Status: Preliminary site assessment workplan submitted  
How Discovered: OM  
Leak Cause: UNK  
Leak Source: Piping  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Workplan Submitted: 3/16/1998  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region : ALAMEDA  
Record Id : RO0000487  
Status : Leak being confirmed

Region : ALAMEDA  
Record Id : RO0000487  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000487  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000487  
Status : Remedial action (cleanup) Underway

Region : ALAMEDA  
Record Id : RO0000487  
Status : Not reported

**HAZNET:**

Gepaid: CAL000160913  
TSD EPA ID: CAD980675276  
Gen County: 1  
Tsd County: Kern  
Tons: 57.1300  
Waste Category: Contaminated soil from site clean-ups  
Disposal Method: Disposal, Land Fill  
Contact: EQUILON ENTERPRISES LLC  
Telephone: (713) 241-2258  
Mailing Address: PO BOX 4453  
HOUSTON, TX 77210 - 4453  
County: 1

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

ALLIED FOOD SALES (Continued)

S103472336

Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: URF ONLY; SENT FILE TO ACHD 9/94. REQ CASE CLOSURE 10/8/96  
CASE CLOSED!!! REQ CASE CLOSURE 10/8/96 CASE CLOSED!!!

LUST Region 2:

Region: 2  
Case Number: 5545  
Facility Id: 01-1174  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region: ALAMEDA  
Record Id: R00000668  
Status: Case Closed

CORTESE:

Region: CORTESE  
Fac Address 2: 333 Clay St

56  
East  
1/4-1/2  
1905 ft.

LANEY COLLEGE  
600 FALLON STREET  
OAKLAND, CA 92626

Notify 65 U000057248  
N/A

Relative:  
Higher

Actual:  
20 ft.

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 92626

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BART CORPORATION YARD (Continued)**

S103890850

Well Name: Not reported  
 Distance To Lust: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported  
 Summary: CLOSED BY ALAMEDA HEALTH AGENCY 9/25/95 AS A SOILS ONLY CASE

**LUST Region 2:**

Region: 2  
 Case Number: 01-0149  
 Facility Id: 01-0149  
 Facility Status: Case Closed  
 How Discovered: TC  
 Leak Cause: Structure Failure  
 Leak Source: Tank  
 Oversight Program: LUST  
 Date Leak Confirmed: Not reported  
 Prelim. Site Assessment Wokplan Submitted: Not reported  
 Preliminary Site Assessment Began: Not reported  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

**CORTESE:**

Region: CORTESE  
 Fac Address 2: 540 7TH ST E

58  
 SSW  
 1/4-1/2  
 2002 ft.

**BARNHILL CONSTRUCTION COM**  
 2394 MARINER SQUARE  
 ALAMEDA, CA 94501

Cortese S102628248  
 N/A

Relative:  
 Lower

**CORTESE:**  
 Region: CORTESE  
 Fac Address 2: Not reported

Actual:  
 7 ft.

M59  
 SE  
 1/4-1/2  
 2015 ft.

**SOUTHERN PACIFIC TRANSPORT VUKASIN**  
 54 EMBARCADERO  
 OAKLAND, CA 94607

CA SLIC S102859633  
 N/A

Relative:  
 Lower

**Site 1 of 3 in cluster M**

**CA STATE SLIC :**  
 Global Id : SLT20170274  
 Region : STATE  
 Assigned Name : SLICSITE  
 Lead Agency Contact: Not reported  
 Lead Agency : Not reported  
 Lead Agency Case Number : Not reported  
 Responsible Party : UNKNOWN  
 Recent Dtw : Not reported  
 Substance Released : Not reported

Actual:  
 9 ft.

**SLIC Region 2:**

Facility ID: SLT20170274  
 Region: 2  
 Facility Status: 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PEERLESS COFFEE (Continued)

S102435051

Close Date: 1999-12-08 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1991-09-21 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: No  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: 1999-06-18 00:00:00  
Max MTBE GW: 27 Parts per Billion  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 3778  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 2000-01-20 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101056  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: 3200 PPB NAPHTHALENE IN GW, 10/29QR. REQUEST FOR CC PER ACHD  
9/15/99 AND 1/12/00. CC PER ACHD 12/8/99.

LUST Region 2:

Region: 2  
Case Number: 3778  
Facility Id: 01-1146  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 6/13/1991  
Pollution Characterization Began: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

SHELL (Continued)

S101293813

Review Date : 2001-03-29 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party BLANK RP  
RP Address : Not reported  
Global Id : T0600101263  
Org Name : Not reported  
Contact Person : Not reported  
MTBE Conc : 1  
Mtbe Fuel : 1  
Water System Name : Not reported  
Well Name : Not reported  
Distance To Lust : 0  
Waste Discharge Global ID : Not reported  
Waste Disch Assigned Name : Not reported  
Summary : 1/6/92 QR: FP IN OFF-SITE WELL DOWNGR; LOP UPDATE-10/21/93

LUST Region 2:

Region : 2  
Case Number : 4254  
Facility Id : 01-1368  
Facility Status : Pollution Characterization  
How Discovered : TC  
Leak Cause : Structure Failure  
Leak Source : Tank  
Oversight Program : LUST  
Date Leak Confirmed : Not reported  
Prelim. Site Assessment Workplan Submitted : Not reported  
Preliminary Site Assessment Began : 1/31/1979  
Pollution Characterization Began : 10/31/1988  
Pollution Remediation Plan Submitted : Not reported  
Date Remediation Action Underway : Not reported  
Date Remediation Action Underway : Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0000343  
Status : Leak being confirmed

Region : ALAMEDA  
Record Id : RO0000343  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000343  
Status : Remedial action (cleanup) Underway

Region : ALAMEDA  
Record Id : RO0000343  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000343  
Status : Post remedial action monitoring

CORTESE:

Region : CORTESE  
Fac Address 2 : 461 8TH ST



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EOR ID Number  
EPA ID Number

CHEVRON (Continued)

S101580009

MTBE Conc: 1  
Mtb Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: 12/5/91QR.FP STILL POSSIBLY IN 3 WELLS. OFFSITE MIGRATION;LOP  
UPDATE--10/21/93

LUST Region 2:

Region: 2  
Case Number: 4037  
Facility Id: 01-0382  
Facility Status: Remedial action (cleanup) Underway  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: 7/20/1992  
Prelim. Site Assesment Wokplan Submitted: Not reported  
Preliminary Site Assesment Began: 7/1/1983  
Pollution Characterization Began: 12/6/1989  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: 1/2/1965  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0000038  
Status : Leak being confirmed

Region : ALAMEDA  
Record Id : RO0000038  
Status : Not reported

Region : ALAMEDA  
Record Id : RO0000038  
Status : Remedial action (cleanup) Underway

Region : ALAMEDA  
Record Id : RO0000038  
Status : Remedial action (cleanup) Underway

Region : ALAMEDA  
Record Id : RO0000038  
Status : Case Closed

**MAX FINDINGS**

Map ID:  
Direction:  
Distance:  
Distance (ft.):  
Elevation Site:

Database(s)      EDR ID Number  
EPA ID Number

**T & T-AUTO (Continued)**

**S103576611**

GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 1995-06-20 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100281  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : ARCHIVED 6/6/96 CONTROL NO 120-075 SRC 0904725

**LUST Region 2:**

Region: 2  
Case Number: 689  
Facility Id: 01-0303  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Wokplan Submitted: 3/15/1993  
Preliminary Site Assessment Began: 5/28/1993  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region : ALAMEDA  
Record Id : RO0000855  
Status : Case Closed

66      **BALCO PROPERTIES**  
East      **55 4TH ST**  
1/4-1/2      **OAKLAND, CA 94607**  
2083 ft.

**LUST AS102424907**  
**Cortese N/A**

Relative:  
Lower

**State LUST:**

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-0146  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected  
Status: Case Closed  
Abate Method: No Action Taken - no action has as yet been taken at the site

Actual:  
13 ft.

Map ID:  
Direction:  
Distance:  
Distance (ft.):  
Elevation: Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BALCO PROPERTIES (Continued)

S102424907

Date Leak Confirmed: Not reported  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region: ALAMEDA  
Record Id: RO0000751  
Status: Case Closed

CORTESE:

Region: CORTESE  
Fac Address 2: 55 4th St

67  
WNW  
1/4-1/2  
2151 ft.

PORT OF OAKLAND/CINEMA PR  
CLAY / EMBARCADERO  
OAKLAND, CA 94706

Cortese: S101293676  
DEED: N/A  
VCP

Relative:  
Lower

Actual:  
12 ft.

VCP:

Facility ID: 01730099  
Dtsc Region Code: 2  
Region Code Definition: BERKELEY  
County Code: 01  
Site Name Under: Not reported  
Current Status Date: 11181996  
Current Status Code: COM  
Current Status: CERTIFIED / OPERATION & MAINTENANCE  
Lead Agency Code: DTSC  
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL  
Site Type Code: VCP  
Site Type: VOLUNTARY CLEANUP PROGRAM  
National Priorities List: N  
Tier: Not reported  
Source Of Funding Code: C  
Staff Member: JSOTO  
Supervisor: Not reported  
Sic Code: 73  
Sic Code Definition: BUSINESS SERVICES  
Site Mitigatn & Brnlds Reuse Prog (SMBR) Code: NC  
SMBR Branch: NORTH COAST  
Regional Water Quality Control Board: SF  
RWQCB Definition: SAN FRANCISCO BAY  
Site Access Controlled: U  
Listed in Haz Wst & Subsincs Sites List (CORTESE): Not reported  
Date Hazard Ranked: Not reported  
GW Contamination Suspected: Not reported  
# Of Sources Contributing To Contamination: 0  
Lat/Long: 0° 0' 0" / 0° 0' 0"  
Direction Lat: Not reported  
Direction Long: Not reported  
Lat/long Method: Not reported  
Entity Lat/long Coordinates Refer To: 100 WASHINGTON STREET  
State Assembly Distt Code: 16  
State Senate Distt Code: 09  
Identifying Code: CSTAR  
ID Value: 200630

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PORT OF OAKLAND/CINEMA PR (Continued)**

**S101293676**

DTSC Site Activity Code :	RA
Activity Code Def:	REMOVAL ACTION
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	06251996
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	COM
Status Code Definition :	CERTIFIED / OPERATION & MAINTENANCE
Cubic Yards Of Solids Removed At Completion :	3100
Gallons Of Liquid Removed Upon Completion :	1200
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	01730099
AWP Activities Code :	7
DTSC Site Activity Code :	RAW
Activity Code Def:	REMOVAL ACTION WORKPLAN
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	11181994
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	COM
Status Code Definition :	CERTIFIED / OPERATION & MAINTENANCE
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	01730099
AWP Activities Code :	8
DTSC Site Activity Code :	ORDER
Activity Code Def:	/USE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCPOM
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	10071996
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	COM
Status Code Definition :	CERTIFIED / OPERATION & MAINTENANCE
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	01730099
AWP Activities Code :	9
DTSC Site Activity Code :	OM
Activity Code Def:	OPERATION & MAINTENANCE
AWP Activity Id :	PLAN
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	09041996
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	COM

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

PORT OF OAKLAND/CINEMA PR (Continued)

S101293676

AWP Activity Id : ORDER  
Dt Activity Due For Completion : Not reported  
Revised Due Date : Not reported  
Date Activity Completed : 12231998  
Est # Of Person-years To Complete : 0  
Est. Size Of An Activity Code : Not reported  
Site Status When Activity Commitment Made : COM  
Status Code Definition : CERTIFIED / OPERATION & MAINTENANCE  
Cubic Yards Of Solids Removed At Completion : 0  
Gallons Of Liquid Removed Upon Completion : 0  
Cubic Yards Of Solids Treated Upon Completion : 0  
Actvty Deleted Via Commitmnt/Completns Screen : Not reported  
Facility Id : 01730099  
AWP Activities Code : 14  
DTSC Site Activity Code : 5YEAR  
Activity Code Def: FIVE-YEAR REVIEW REQUIRED BY CERCLA  
AWP Activity Id : Not reported  
Dt Activity Due For Completion : 01312007  
Revised Due Date : Not reported  
Date Activity Completed : Not reported  
Est # Of Person-years To Complete : 0  
Est. Size Of An Activity Code : Not reported  
Site Status When Activity Commitment Made : COM  
Status Code Definition : CERTIFIED / OPERATION & MAINTENANCE  
Cubic Yards Of Solids Removed At Completion : 0  
Gallons Of Liquid Removed Upon Completion : 0  
Cubic Yards Of Solids Treated Upon Completion : 0  
Actvty Deleted Via Commitmnt/Completns Screen : Not reported  
Special Program Code: Not reported  
Special Program : Not reported  
Comments Date : 01222002  
Comments :  
The Five-Year Review recommends no further groundwater monitoring. The groundwater monitoring wells were decommissioned. RA APPROVED. APPROXIMATELY 2300 CUBIC YARDS WERE REMOVED AND DISPOSED OFF-SITE. A ONE FOOT CONCRETE PAD WAS PLACED OVER A 60-80 MIL VAPOR BARRIER. Operation & Maintenance Plan was approved. Voluntary Cleanup Agreement signed. O & M Agreement executed. Deed Restriction recorded. Deed restriction limits the use of the property to commercial/industrial and prevents disturbance of capped soils without prior DTSC approval. Removal Action Workplan approved. RAW recommended hotspot removal and capping. Site certified. Site Requires ongoing operation and maintenance and monitoring efforts. DTSC and the Port of Oakland sign an amendment to the Voluntary Cleanup Agreement to allow work to continue under Chapter 6.5 of the Health and Safety Code.

CA DEEDS:  
Deed Date(s) : 10/15/96

CORTESE:  
Region: CORTESE  
Fac Address 2: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

**MAP FINDINGS**

Database(s) EDR ID Number  
EPA ID Number

**MARINER SQUARE LTD (Continued)**

**S105688712**

Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: ARCHIVED 11/1/96 CONTROL NO 120-107 SRC 0904757

**LUST Region 2:**

Region: 2  
Case Number: 3715  
Facility Id: 01-1760  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Workplan Submitted: 4/14/1989  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

O69  
SSW  
1/4-1/2  
2264 ft.

**OHN BEERY ORGANIZATION  
2420 MARINER SQUARE DR  
ALAMEDA, CA 94501**

**LUST S100223522  
Cortese N/A**

**Site 2 of 3 in cluster O**

Relative:  
Lower

Actual:  
9 ft.

**State LUST:**

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-0824  
Reg Board: 2  
Chemical: Misc. Motor Vehicle Fuels  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Undefined  
Status: Case Closed  
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)  
Review Date: 1996-01-24 00:00:00  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 2004-09-01 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1989-09-27 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Confirm Leak: 1996-01-24 00:00:00  
Prelim Assess: Not reported  
Remed Plan: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

**O70**      **MARINER BOAT YARD**  
**SSW**      **2415 MARINER SQUARE DR**  
**1/4-1/2**    **ALAMEDA, CA 94501**  
**2278 ft.**

**FINDS**    **1004439793**  
**LUST**     **110011643739**  
**Cortese**  
**FTTS INSP**

**Site 3 of 3 in cluster O**

**Relative:**  
**Lower**

**FTTS Insp:**

Region: 9  
Inspected Date: 03/14/1994  
Insp Number: 19940314F2883 1  
Violation occurred: No  
Inspector: JAGUILAR  
Investigation Type: Specific Product Review  
Facility Function: Marketplace  
Investig Reason: Not reported  
Legislation Code: FIFRA

**Actual:**  
**9 ft.**

Region: 9  
Inspected Date: 03/14/1999  
Insp Number: 19990314F2883 1  
Violation occurred: No  
Inspector: JAGUILAR  
Investigation Type: Specific Product Review  
Facility Function: Marketplace  
Investig Reason: Not reported  
Legislation Code: FIFRA

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
National Compliance Data Base

**State LUST:**

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1695  
Reg Board: 2  
Chemical: Diesel  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected  
Status: Preliminary site assessment underway  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: Not reported  
Workplan: 1965-01-02 00:00:00  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Ent Type: Not reported  
Enter Date: 1993-06-15 00:00:00  
Funding: Federal Funds  
Staff Initials: BC  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: No  
Leak Cause: UNK

Confirm Leak: Not reported  
Prelim Assess: 1965-01-02 00:00:00  
Remed Plan: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

71. PACIFIC RENAISSANCE PLAZA  
 North 1000 FRANKLIN ST  
 1/4-1/2 OAKLAND, CA 94607  
 2382 ft.

LUST S102434907  
 Cortese N/A

Relative:  
 Higher

Actual:  
 42 ft.

**State LUST:**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1126  
 Reg Board: 2  
 Chemical: Waste Oil  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Other ground water affected  
 Status: Remedial action (cleanup) Underway  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants

Review Date:	1992-04-27 00:00:00	Confirm Leak:	1992-04-27 00:00:00
Workplan:	1992-05-29 00:00:00	Prelim Assess:	1992-05-29 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	1992-11-01 00:00:00		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id:	Not reported		
Discover Date:	Not reported		
Enforcement Dt:	1990-05-09 00:00:00		
Enf Type:	EF		
Enter Date:	1989-02-06 00:00:00		
Funding:	Federal Funds		
Staff Initials:	BC		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim:	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date:	Not reported		
Max MTBE GW:	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case #:	4036		
Beneficial:	Not reported		
Staff:	BG		
GW Qualifier:	Not reported		
Max MTBE Soil:	Not reported		
Soil Qualifier:	Not reported		
Hydr Basin #:	Alameda East Bay (2-		
Operator:	Not reported		
Oversight Prgm:	LUST		
Review Date:	1998-02-02 00:00:00		
Stop Date:	Not reported		
Work Suspended:	No		
Responsible Party:	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101036		
Org Name:	Not reported		
Contact Person:	Not reported		



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BARNHILL CONSTRUCTION COMPANY (Continued)

S103576372

Enf Type: Not reported  
Enter Date: 1997-08-05 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Not reported  
Leak Cause: UNK  
Leak Source: UNK  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case #: 4818  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1997-05-23 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102043  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtb Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: REQ. CASE CLOSURE 3/27/97...

LUST Region 2:

Region: 2  
Case Number: 4818  
Facility Id: 01-2225  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: 6/5/1996  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SALVATION ARMY (Continued)

S104241982

How Discovered: Tank Closure  
How Stopped: Not reported  
Interim : Not reported  
Leak Cause: UNK  
Leak Source: UNK  
MTBE Date : 1999-04-09 00:00:00  
Max MTBE GW : 5 Parts per Billion  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : Not reported  
Beneficial: Not reported  
Staff : BG  
GW Qualifier : <  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 2001-01-23 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102277  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mtb Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : ACHD REQ AT LEAST 1 GW MW BE INSTALLED IN VERIFIED DOWNGRAIDENT  
DIRECTION --5/25/99.. CURRENT MTBE DATE 4/4/00. ACHCS INTENTS TO  
MAKE DETERMINATION THAT NO FURTHER ACTION REQUIRED OF ISSUE  
CLOSURE LETTER (12/11/00)

LUST Region 2:

Region: 2  
Case Number: 01-2470  
Facility Id: 01-2472  
Facility Status: Post remedial action monitoring  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assesment Wokplan Submitted: 3/31/1999  
Preliminary Site Assesment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: 12/11/2000

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0000083

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OAKLAND REDEVELOPMENT AGENCY (Continued)

S106716080

Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

76: MACY'S MOVERS  
ESE 200 VICTORY CT  
1/4-1/2 OAKLAND, CA 94607  
2555 ft.

LUST U003713855  
Cortese N/A

Relative:  
Lower

Actual:  
9 ft.

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1731  
Reg Board: 2  
Chemical: Diesel  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Undefined  
Status: Case Closed  
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Review Date: 1992-10-01 00:00:00  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1993-12-21 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: 1992-10-01 00:00:00

Confirm Leak: 1992-10-01 00:00:00  
Prelim Assess: Not reported  
Remed Plan: Not reported

Enf Type: EF  
Enter Date: 1993-06-22 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: UNK  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: 4334  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2)  
Operator: Not reported  
Oversight Prgm: LUST

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

SUNSET WHOLESALE COMPANY (Continued)

S102438229

Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1996-10-17 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1993-06-22 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: No  
Leak Cause: Corrosion  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Site-NOT Tested for MTBE.Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case #: 4450  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1996-10-21 00:00:00  
Stop Date: Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101613  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtb Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: FROM LOP LIST. REQ CASE CLOSURE 10/8/96

LUST Region 2:

Region: 2  
Case Number: 4450  
Facility Id: 01-1742  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: Corrosion  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CARD LOCK FORMER BUILDING (Continued)

S103890669

Stop Date : Not reported  
Work Suspended No  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600102210  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mibe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : NEW CASE PER ACHD UPDATE - 9/98.

LUST Region 2:

Region: 2  
Case Number: 6894  
Facility Id: 01-2400  
Facility Status: Preliminary site assessment workplan submitted  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: 10/30/1997  
Prelim. Site Assesment Wokplan Submitted: 1/2/1965  
Preliminary Site Assesment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0000485  
Status : Leak being confirmed

CORTESE:

Region: CORTESE  
Fac Address 2: Not reported

79  
SSW  
1/4-1/2  
2622 ft.

ALAMEDA REAL ESTATE INVES  
1301 MARINA VILLAGE  
ALAMEDA, CA

Cortese S101306280  
N/A

Relative:  
Lower

CORTESE:

Region: CORTESE  
Fac Address 2: Not reported

Actual:  
9 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

OFFICE OF THE PRESIDENT UC (Continued)

S103576558

Enf Type: Not reported  
Enter Date : 1997-11-21 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim : Yes  
Leak Cause: Spill  
Leak Source: UNK  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case # : 6253  
Beneficial: Not reported  
Staff : BG  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 1998-04-01 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600102066  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : REQ. CC 10/15/97...CLOSED 1/8/98

LUST Region 2:

Region: 2  
Case Number: 6253  
Facility Id: 01-2250  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: Spill  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: 11/21/1997

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

**FRANCIS PLATING OF OAKLAND INC (Continued)**

1000308458

**CERCLIS Assessment History:**

Assessment:	DISCOVERY	Completed:	06/12/1990
Assessment:	PRELIMINARY ASSESSMENT	Completed:	08/28/1990
Assessment:	REMOVAL COMMUNITY RELATIONS	Completed:	12/28/1992
Assessment:	NON-NPL PRP SEARCH	Completed:	12/31/1992
Assessment:	ADMIN/VOLUNTARY COST RECOVERY	Completed:	09/28/1993
Assessment:	COST RECOVERY NEGOTIATIONS	Completed:	12/12/1994
Assessment:	REMOVAL	Completed:	11/03/1999
Assessment:	REMOVAL	Completed:	11/03/1999

**CERCLIS Site Status:**  
Cleaned up

**CORRACTS Data:**

EPA Id: CAD009206160  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 08/28/1990  
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

2002 NAICS Title: Electroplating, Plating, Polishing, Anodizing, and Coloring  
Electroplating, Plating, Polishing, Anodizing, and Coloring

**RCRAInfo Corrective Action Summary:**

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.  
Event Date: 08/28/1990

**RCRAInfo:**

Owner: FRANCIS PLATING OF OAKLAND, INC.  
(415) 444-5535  
EPA ID: CAD009206160  
Contact: Not reported  
Classification: Large Quantity Generator, TSDF  
TSDF Activities: Not reported  
Violation Status: Violations exist

Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS  
Date Violation Determined: 04/28/1987  
Actual Date Achieved Compliance: 09/17/1987  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 08/13/1987  
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS	19870917

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

**FRANCIS PLATING OF OAKLAND INC (Continued)**

1000308458

Gepaid: CAD009206160  
 TSD EPA ID: CAD980675276  
 Gen County: 1  
 Tsd County: Kern  
 Tons: 30.3408  
 Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)  
 Disposal Method: Treatment, Tank  
 Contact: SEAN MCDOUGALL  
 Telephone: (916) 368-0100  
 Mailing Address: 3774 BRADVIEW DR  
 SACRAMENTO, CA 95827  
 County: 1

Click this hyperlink while viewing on your computer to access 35 additional CA HAZNET record(s) in the EDR Site Report.

**UST HIST:**

Facility ID: 47987  
 Total Tanks: 2  
 Owner Address: 785 SEVENTH ST.  
 OAKLAND, CA 94607

Owner Name: FRANCIS PLATING  
 Region: STATE

Tank Used for: WASTE  
 Tank Num: 1  
 Tank Capacity: 00015000  
 Type of Fuel: Not reported  
 Leak Detection: Visual  
 Contact Name: WALLY FRANCIS  
 Facility Type: Other

Container Num: 01  
 Year Installed: 1968  
 Tank Construction: 6 inches

Facility ID: 47987  
 Total Tanks: 2  
 Owner Address: 785 SEVENTH ST.  
 OAKLAND, CA 94607

Telephone: (415) 444-5535  
 Other Type: ELECTRO PLATING

Tank Used for: WASTE  
 Tank Num: 2  
 Tank Capacity: 00010700  
 Type of Fuel: Not reported  
 Leak Detection: Visual  
 Contact Name: WALLY FRANCIS  
 Facility Type: Other

Owner Name: FRANCIS PLATING  
 Region: STATE

Container Num: 02  
 Year Installed: 1955  
 Tank Construction: 6 inches

Telephone: (415) 444-5535  
 Other Type: ELECTRO PLATING

84  
 NNE  
 1/2-1  
 3028 ft.

**F.G. MA COMMUNITY HOUSING P J  
 HARRISON / 13TH STREETS  
 OAKLAND, CA 92626**

Notify 65 S100178793  
 N/A

Relative:  
 Higher

**NOTIFY 65:**

Date Reported: Not reported  
 Board File Number: Not reported  
 Facility Type: Not reported  
 Discharge Date: Not reported  
 Incident Description: 92626  
 Staff Initials: Not reported

Actual:  
 41 ft.



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

1000224433

**SAFETY KLEEN CORP 7 178 01 (Continued)**

Corrective Action: CA100 - RFI Imposition  
2002 NAICS Title: All Other Support Services  
42183  
42272  
General Rental Centers

EPA Id: CAD053044053  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 02/23/1996  
Corrective Action: CA150 - RFI Workplan Approved  
2002 NAICS Title: All Other Support Services  
42183  
42272  
General Rental Centers

EPA Id: CAD053044053  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 05/20/1996  
Corrective Action: CA200 - RFI Approved  
2002 NAICS Title: All Other Support Services  
42183  
42272  
General Rental Centers

EPA Id: CAD053044053  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 06/16/1993  
Corrective Action: CA225NR - Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations  
2002 NAICS Title: All Other Support Services  
42183  
42272  
General Rental Centers

**RCRA Info Corrective Action Summary:**

Event: RFI Approved  
Event Date: 05/20/1996  
Event: RFI Workplan Approved  
Event Date: 02/23/1996  
Event: RFI Imposition  
Event Date: 01/01/1996

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

1000224433

SAFETY KLEEN CORP 7 178 01 (Continued)

Enforcement Action Date:	03/28/2000
Penalty Type:	Not reported
Regulation Violated:	264.10-18.B
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/16/1998
Actual Date Achieved Compliance:	11/19/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/16/1998
Penalty Type:	Not reported
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/14/1994
Actual Date Achieved Compliance:	08/31/1994
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/28/1994
Actual Date Achieved Compliance:	07/14/1994
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/24/1994
Actual Date Achieved Compliance:	06/28/1994
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/18/1994
Actual Date Achieved Compliance:	06/24/1994
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/12/1994
Actual Date Achieved Compliance:	05/18/1994
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/26/1994
Actual Date Achieved Compliance:	04/27/1994
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/15/1993
Actual Date Achieved Compliance:	11/16/1993
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/16/1993
Actual Date Achieved Compliance:	11/15/1993
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/16/1993
Actual Date Achieved Compliance:	09/16/1993
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/11/1993
Actual Date Achieved Compliance:	08/16/1993
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/93  
Date Made Active at EDR: 11/19/93  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93  
Elapsed ASTM days: 18  
Date of Last EDR Contact: 01/17/05

**TOXIC PITS:** Toxic Pits Cleanup Act Sites  
Source: State Water Resources Control Board  
Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95  
Date Made Active at EDR: 09/26/95  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95  
Elapsed ASTM days: 27  
Date of Last EDR Contact: 02/01/05

**SWF/LF (SWIS):** Solid Waste Information System  
Source: Integrated Waste Management Board  
Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/14/05  
Date Made Active at EDR: 04/05/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/15/05  
Elapsed ASTM days: 21  
Date of Last EDR Contact: 03/15/05

**WMUDS/SWAT:** Waste Management Unit Database  
Source: State Water Resources Control Board  
Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00  
Date Made Active at EDR: 05/10/00  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00  
Elapsed ASTM days: 30  
Date of Last EDR Contact: 12/06/04

**LUST:** Leaking Underground Storage Tank Information System  
Source: State Water Resources Control Board  
Telephone: 916-341-5752

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/10/05  
Date Made Active at EDR: 02/21/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/10/05  
Elapsed ASTM days: 42  
Date of Last EDR Contact: 01/10/05

**CA BOND EXP. PLAN:** Bond Expenditure Plan  
Source: Department of Health Services  
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89  
Date Made Active at EDR: 08/02/94  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94  
Elapsed ASTM days: 6  
Date of Last EDR Contact: 05/31/94

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/03  
Database Release Frequency: Varies

Date of Last EDR Contact: 01/03/05  
Date of Next Scheduled EDR Contact: 04/04/05

### INDIAN RESERV: Indian Reservations

Source: USGS  
Telephone: 202-208-3710

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/05  
Date of Next Scheduled EDR Contact: 05/09/05

### RAATS: RCRA Administrative Action Tracking System

Source: EPA  
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/06/04  
Date of Next Scheduled EDR Contact: 03/07/05

### TRIS: Toxic Chemical Release Inventory System

Source: EPA  
Telephone: 202-566-0250

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/20/04  
Date of Next Scheduled EDR Contact: 03/21/05

### TSCA: Toxic Substances Control Act

Source: EPA  
Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 12/06/04  
Date of Next Scheduled EDR Contact: 03/07/05

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA  
Telephone: 202-564-2501

Date of Government Version: 04/13/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/01/04  
Date of Next Scheduled EDR Contact: 03/21/05

### SSTS: Section 7 Tracking Systems

Source: EPA  
Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/03  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/29/04  
Date of Next Scheduled EDR Contact: 04/18/05

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/04  
Database Release Frequency: Varies

Date of Last EDR Contact: 10/25/04  
Date of Next Scheduled EDR Contact: 01/24/05

### ROD: Records Of Decision

Source: EPA  
Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/10/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/05/05  
Date of Next Scheduled EDR Contact: 04/04/05

### DELISTED NPL: National Priority List Deletions

Source: EPA  
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/14/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/01/05  
Date of Next Scheduled EDR Contact: 05/02/05

### FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA  
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/12/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/03/05  
Date of Next Scheduled EDR Contact: 04/04/05

### HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/16/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/19/05  
Date of Next Scheduled EDR Contact: 04/18/05

### MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/12/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05  
Date of Next Scheduled EDR Contact: 07/04/05

### MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

### FEDERAL ASTM STANDARD RECORDS

#### **NPL: National Priority List**

Source: EPA  
Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/14/04  
Date Made Active at EDR: 02/03/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/01/05  
Elapsed ASTM days: 2  
Date of Last EDR Contact: 02/01/05

#### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 8  
Telephone: 303-312-6774

EPA Region 4  
Telephone 404-562-8033

#### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA  
Telephone: N/A

Date of Government Version: 12/14/04  
Date Made Active at EDR: 02/03/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/01/05  
Elapsed ASTM days: 2  
Date of Last EDR Contact: 02/01/05

#### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

Source: EPA  
Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/15/05  
Date Made Active at EDR: 04/06/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/05  
Elapsed ASTM days: 15  
Date of Last EDR Contact: 03/22/05

#### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Source: EPA  
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
5408 S. UNIVERSITY AVENUE  
CHICAGO, ILLINOIS 60637  
TEL: 773-936-3700

PROFESSOR [Name]  
[Address]  
[City, State, Zip]

RE: [Subject]

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OAKLAND	S105691370	OAKLAND FISC UST SITE 211-1,2,3	300 3RD STREET NEAR CORNER OF		
OAKLAND	S106568172	OAKLAND MAIN POST OFFICE PARKING S	1675 7TH STREET		LUST
OAKLAND	S106568168	CYPRESS FREEWAY-3RD STREET SOUNDWA	2RD STREET BETWEEN CENTER / PE	94607	VCP
OAKLAND	S106568171	MICRONESIAN CARGO INTERNATIONAL	955 7TH STREET	94607	VCP
OAKLAND	1003880072	BATAVIA PROPERTY	1832 9TH STREET	94607	VCP
OAKLAND	A100109333	OAKLAND FUEL FACILITIES CORP.	TANK FARM S - S. FIELD		CERC-NFRAP AST



**MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES**

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEV.	TYPE
1943	MAGNANI B L	330 WEBSTER ST	OAKLAND	CA	North	< 1/8	Higher	Gasoline And Oil Service Stations
1933	PIMENTAL & BRUZZONE	201 WEBSTER ST	OAKLAND	CA	WNW	< 1/8	Higher	Automobile Repairing
1967	DILLARO BROS TRUCK AUTO REPAIRS	208 MADISON ST	OAKLAND	CA	ESE	1/8-1/4	Higher	Automobile Repairing
1943	MADSEN H J	419 4TH ST	OAKLAND	CA	NNW	1/8-1/4	Higher	Automobile Repairing
1943	VAN TASSELL J F	333 BROADWAY ST	OAKLAND	CA	NW	1/8-1/4	Higher	Gasoline And Oil Service Stations
N/A	OAKLAND GAS LIGHT & HEATING CO.	2ND ST.	OAKLAND	CA	WNW	1/4-1/2	Higher	ALAMEDA COUNTY
Description: Site is bordered by Washington to the west, 2nd to the north, Broadway to the east and tracks to the south. ©Copyright 1993 Real Property Scan, Inc.								
N/A	OAKLAND GAS LIGHT & HEATING CO.	VERY LARGE SITE, SEE NOTES	OAKLAND	CA	WNW	1/2-1	Higher	ALAMEDA COUNTY
Description: Site is southwest of the railroad tracks between Jefferson and Market. Site on east of railroad tracks between Jefferson and Grove, south of 2nd St. Site also on Jefferson, southwest of the tracks. 1899, called Oakland Gas Light and Heat. 190 Gas & Electric Co. by 1912; site called Pacific Gas and Electric Co. ©Copyright 1993 Real Property Scan, Inc.								

**MAP FINDINGS**

Map ID:  
Direction:  
Distance:  
Distance (ft.):  
Elevation Site

Database(s)      EDR ID Number  
EPA ID Number

**EAST BAY FORD TRUCK (Continued)**

1000391095

County                    1  
Gepaid:                    CAD981443245  
TSD EPA ID:                CAD009452657  
Gen County:                1  
Tsd County:                San Mateo  
Tons:                        5.1082  
Waste Category:            Unspecified organic liquid mixture  
Disposal Method:          Recycler  
Contact:                    ROGER L ERICSON  
Telephone:                  (510) 272-4400  
Mailing Address:            PO BOX 2098  
                                  OAKLAND, CA 94604 - 2098  
County                    1

Click this hyperlink while viewing on your computer to access  
24 additional CA HAZNET record(s) in the EDR Site Report.

**NOTIFY 65:**

Date Reported:            Not reported      Staff Initials: Not reported  
Board File Number:       Not reported  
Facility Type:            Not reported  
Discharge Date:           Not reported  
Incident Description:     92626

**CORTESE:**

Region:                    CORTESE  
Fac Address 2:             333 FILBERT ST

**FID:**

Facility ID:	01000660	Regulate ID:	00032731
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 835-4400
Mail To:	Not reported		
	333 FILBERT ST		
	OAKLAND, CA 94607		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

**UST HIST:**

Facility ID:	32731	Owner Name:	W. B. HARPER JR.
Total Tanks:	1	Region:	STATE
Owner Address:	333 FILBERT ST		
	OAKLAND, CA 94607		
Tank Used for:	PRODUCT	Container Num:	1
Tank Num:	1	Year Installed:	1966
Tank Capacity:	00000400	Tank Construction:	Not Reported
Type of Fuel:	WASTE OIL		
Leak Detection:	Visual	Telephone:	(415) 835-4400
Contact Name:	Not reported	Other Type:	TRUCK SALES
Facility Type:	Other		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Monitoring: Not reported  
Close Date: 1994-08-01 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: 1992-03-09 00:00:00  
Enf Type: EF  
Enter Date: 1992-04-29 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: 1132  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1994-12-13 00:00:00  
Stop Date: Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100485  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: ARCHIVED 6/6/96 CONTROL NO 120-078 SRC 0904728

LUST Region 2:

Region: 2  
Case Number: 1132  
Facility Id: 01-0531  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: 3/9/1992  
Prelim. Site Assessment Workplan Submitted: 1/4/1989  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)**

1000277300

Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
 Enforcement Action Date: 03/18/1988  
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/14/1989  
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 10/23/1992  
 Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL CONSENT DECREES  
 Enforcement Action Date: 09/09/1993  
 Penalty Type: Final Monetary Penalty

Regulation Violated: 270  
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
 Date Violation Determined: 03/26/1987  
 Actual Date Achieved Compliance: 02/23/1988

Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
 Enforcement Action Date: 09/30/1987  
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/18/1988  
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 10/23/1992  
 Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL CONSENT DECREES  
 Enforcement Action Date: 09/09/1993  
 Penalty Type: Final Monetary Penalty

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	9/9/1993	2400	STATE
Proposed Monetary Penalty	6/2/1993	2400	STATE

There are 28 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Other Evaluation	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19990609
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19990609
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19960618
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19960618
	TSD-LAND BAN REQUIREMENTS	19930930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930930
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920812
	GENERATOR-LAND BAN REQUIREMENTS	19920512
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920512
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920512
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920121
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920327

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)

1000277300

Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 12/08/1989  
Actual Date Achieved Compliance: 05/21/1990  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/12/1990  
Penalty Type: Not reported  
Regulation Violated: 268 ALL  
Area of Violation: TSD-LAND BAN REQUIREMENTS  
Date Violation Determined: 01/19/1989  
Actual Date Achieved Compliance: 03/19/1990  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/23/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: FINAL CONSENT DECREES  
Enforcement Action Date: 09/09/1993  
Penalty Type: Final Monetary Penalty  
Regulation Violated: 264.70-77.E  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 01/19/1989  
Actual Date Achieved Compliance: 03/19/1990  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/18/1996  
Penalty Type: Not reported  
Regulation Violated: 270  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 01/19/1989  
Actual Date Achieved Compliance: 03/19/1990  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/18/1996  
Penalty Type: Not reported  
Regulation Violated: 268.7  
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)

1000277300

Date Violation Determined: 10/20/1992  
Actual Date Achieved Compliance: 09/30/1993  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/23/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: FINAL CONSENT DECREES  
Enforcement Action Date: 09/09/1993  
Penalty Type: Final Monetary Penalty  
Regulation Violated: 264.30-37.C  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 10/20/1992  
Actual Date Achieved Compliance: 09/30/1993

Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 03/18/1988  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/14/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/23/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: FINAL CONSENT DECREES  
Enforcement Action Date: 09/09/1993  
Penalty Type: Final Monetary Penalty

Regulation Violated: 270  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/25/1992  
Actual Date Achieved Compliance: 08/12/1992

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/09/1992  
Penalty Type: Not reported

Regulation Violated: 270  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/25/1992  
Actual Date Achieved Compliance: 05/12/1992

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/09/1992  
Penalty Type: Not reported

Regulation Violated: 264.30-37.C  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/25/1992  
Actual Date Achieved Compliance: 05/12/1992

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/09/1992

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)

1000277300

Date Violation Determined: 10/21/1997  
Actual Date Achieved Compliance: 06/09/1999  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/12/1990  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/21/1997  
Penalty Type: Not reported  
Regulation Violated: 264.10-18.B  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/18/1996  
Actual Date Achieved Compliance: 06/18/1996  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/18/1996  
Penalty Type: Not reported  
Regulation Violated: 262.50-60  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/18/1996  
Actual Date Achieved Compliance: 06/18/1996  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/18/1996  
Penalty Type: Not reported  
Regulation Violated: 268 ALL  
Area of Violation: TSD-LAND BAN REQUIREMENTS  
Date Violation Determined: 10/20/1992  
Actual Date Achieved Compliance: 09/30/1993  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 09/30/1987  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 02/18/1988  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/23/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: FINAL CONSENT DECREES  
Enforcement Action Date: 09/09/1993  
Penalty Type: Final Monetary Penalty

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)

1000277300

Actual Date: 04/07/1994  
Corrective Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
2002 NAICS Title: Other General Government Support  
National Security

EPA Id: CA1170090012  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 04/20/1998  
Corrective Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified  
2002 NAICS Title: Other General Government Support  
National Security

EPA Id: CA1170090012  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 09/29/1992  
Corrective Action: CA100 - RFI Imposition  
2002 NAICS Title: Other General Government Support  
National Security

EPA Id: CA1170090012  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 04/20/1998  
Corrective Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
2002 NAICS Title: Other General Government Support  
National Security

EPA Id: CA1170090012  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 11/27/1993  
Corrective Action: CA150 - RFI Workplan Approved  
2002 NAICS Title: Other General Government Support  
National Security

[Click this hyperlink](#) while viewing on your computer to access 4 additional CORRACTS record(s) in the EDR Site Report.

RCRAInfo Corrective Action Summary:

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 04/20/1998



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OAKLAND CITY HALL (Continued)

1000277317

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 92626

CORTESE:

Region: CORTESE  
Fac Address 2: 1 CITY HALL PLAZA

Q88  
South  
1/2-1  
4093 ft.

FLEET INDUSTRIAL SUPPLY C  
2155 MARINER SQUARE LOOP  
ALAMEDA, CA 94501

Cal-Sites S101272662  
Cortese N/A  
AWP  
DEED

Site 1 of 2 In cluster Q

Relative:  
Lower

CA DEEDS:

Deed Date(s): 07/20/03 07/20/00

Actual:  
11 ft.

CAL-SITES:

Facility ID: 01970007  
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE  
Status Date: 05/25/1994  
Lead: DTSC  
Region: 2 - BERKELEY  
Branch: NO - OMF-NORTHERN CALIF  
File Name: Not reported  
Status Name: ANNUAL WORKPLAN - ACTIVE SITE  
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
NPL: Not Listed  
SIC: 97 NATIONAL SECURITY/INTERNATIONAL AFFAIRS  
Facility Type: CLOSE  
Type Name: CLOSED MILITARY BASE  
Staff Member Responsible for Site: HWONG  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: SF - SAN FRANCISCO BAY  
Access: Controlled  
Cortese: C  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Confirmed  
No. of Contamination Sources: 0  
Lat/Long: Not reported  
Lat/long Method: Not reported  
State Assembly District Code: 16  
State Senate District: 09

[Click this hyperlink](#) while viewing on your computer to access additional CAL-SITES detail in the EDR Site Report.

AWP Facility ID: 01970007  
Facility Type: Closed military facility  
Site Access Controlled: Controlled  
Region Code: 2  
Region: BERKELEY  
SMBR Branch Unit: OMF-NORTHERN CALIF  
SMBR Branch Code: NO  
Site Name: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

1000224433

Type of Fuel:	Not reported	Tank Construction:	.25 inches
Leak Detection:	Visual, Stock Inventor	Telephone:	(312) 697-8460
Contact Name:	STEVE NEVES	Other Type:	PARTS WASHER SERVICE
Facility Type:	Other	Owner Name:	SAFETY-KLEEN CORP.
Facility ID:	6278	Region:	STATE
Total Tanks:	3	Container Num:	03
Owner Address:	655 BIG TIMBER ROAD ELGIN, IL 60120	Year Installed:	1971
Tank Used for:	PRODUCT	Tank Construction:	.25 inches
Tank Num:	3	Telephone:	(312) 697-8460
Tank Capacity:	00010000	Other Type:	PARTS WASHER SERVICE
Type of Fuel:	Not reported		
Leak Detection:	Visual, Stock Inventor		
Contact Name:	STEVE NEVES		
Facility Type:	Other		

87  
North  
1/2-1  
3882 ft.

**OAKLAND CITY HALL  
#1 CITY HALL PLAZA  
OAKLAND, CA 94612**

Notify 65 1000277317  
RCRA-SQG CAD980892004  
**FINDS**  
**LUST**  
Cortese

Relative:  
Higher

RCRAInfo:  
Owner: NOT REQUIRED  
(415) 555-1212  
EPA ID: CAD980892004  
Contact: Not reported

Actual:  
41 ft.

Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Resource Conservation and Recovery Act Information system

**State LUST:**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelm Assess:	Not reported
Case Number:	01-1069	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency:	01000L		
Case Type:	Soil only		
Status:	Case Closed		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1995-02-21 00:00:00		
Release Date:	Not reported		
Cleanup Fund Id:	Not reported		
Discover Date:	Not reported		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

1000224433

Date Violation Determined: 07/06/1988  
 Actual Date Achieved Compliance: 11/15/1988  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 05/26/1988  
 Penalty Type: Not reported  
 Regulation Violated: 264.140-150.H  
 Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS  
 Date Violation Determined: 05/19/1988  
 Actual Date Achieved Compliance: 07/02/1988  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 05/26/1988  
 Penalty Type: Not reported

There are 56 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	20001220
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20020227
	TRANSPORTER-ALL REQUIREMENTS (OVERSIGHT)	
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19991119
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940831
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940714
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940628
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940624
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940518
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940427
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19931116
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19931115
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930916
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930816
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930811
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19931022
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930727
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930621
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930607
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930517
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930324
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930309
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19921210
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19921103
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930730
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920423
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920327
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920324
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19911007
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19911007
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910502
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910329
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910328
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910326
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910321
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910314
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910226
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910225
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910220
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910219

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SAFETY KLEEN CORP 7 178 01 (Continued)

1060224433

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 264.110-120.G  
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS  
Date Violation Determined: 10/02/1990  
Actual Date Achieved Compliance: 07/30/1993

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 264.70-77.E  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 10/02/1990  
Actual Date Achieved Compliance: 07/30/1993

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 08/22/1990  
Actual Date Achieved Compliance: 10/02/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 05/26/1988  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 05/16/1990  
Actual Date Achieved Compliance: 06/05/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 05/26/1988  
Penalty Type: Not reported

Regulation Violated: 270  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 02/27/1990  
Actual Date Achieved Compliance: 07/30/1993

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 08/08/1990  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 264.140-150.H  
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS  
Date Violation Determined: 02/23/1990

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

1000224433

Enforcement Action Date: 09/13/1993  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/26/1991  
Actual Date Achieved Compliance: 03/28/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/21/1991  
Actual Date Achieved Compliance: 03/26/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/14/1991  
Actual Date Achieved Compliance: 03/21/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 02/26/1991  
Actual Date Achieved Compliance: 03/14/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 08/08/1990  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 02/25/1991  
Actual Date Achieved Compliance: 02/26/1991

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 02/20/1991  
Actual Date Achieved Compliance: 02/25/1991

It is AllPro's understanding that ownership of the sidewalk and portion of Harrison Street immediately adjacent to the area of investigation has been transferred to Meyer Plumbing Supply by the Port and City of Oakland.

In a letter dated January 6, 1995 (the letter was received in 1996) Ms. Jennifer Eberle of the ACDEH requested that a soil and groundwater investigation be performed in the vicinity of the UST. A work plan dated February 29, 1996 was submitted for the soil and groundwater investigation. The work plan was subsequently approved in a letter from Ms. Eberle in a letter dated March 11, 1996.

### FIELD ACTIVITIES

On March 15 and 16, 1996 AllPro personnel hand augered boreholes B3 through B6 for the collection of soil and groundwater grab samples in the vicinity of the former UST. The borehole locations are shown on Figure 2.

The boreholes were hand augered with a 3.5-inch outside diameter hand auger. All of the boreholes were hand augered to total depths of between approximately 5.5 and 7.5 feet below grade. Boreholes B3, B4, B5, and B6 were hand augered to depths of 6.0, 6.0, 5.5, and 7.5 feet below grade, respectively. Groundwater was first encountered in boreholes B3, B4, B5 and B6 at depths of 5.5, 5.0, 5.0, and 7.0 feet below grade, respectively.

Soil from all of the boreholes was evaluated using a photoionization detector (PID). The PID was calibrated using a 100 ppm isobutylene standard prior to the beginning of field work on March 15, 1996. No Petroleum hydrocarbon odors or PID readings were encountered in the soil or groundwater in boreholes B3 through B6.

All of the soil samples were collected at a depth of 4.5 feet using a percussion sampler lined with a 2-inch diameter, 6-inch long brass tube. Following sample collection, the ends of the brass tubes for these samples were sealed with aluminum foil and plastic endcaps. The brass tubes were then labeled, placed into ziplock baggies, and stored in a cooler with ice pending delivery to McCampbell Analytical, Inc. in Pacheco, California. McCampbell Analytical, Inc. is a State-accredited hazardous waste testing laboratory. Chain of custody procedures will be observed for all sample handling.

The groundwater grab samples were collected from the boreholes using a Teflon bailer. The groundwater grab samples were transferred from the Teflon bailer to 40-milliliter Volatile Organic Analysis (VOA) vials and one-liter amber glass bottles which were capped with Teflon-lined screw caps, and a 250 milliliter plastic bottle which was capped with a plastic screw

TABLE 3  
SOIL SAMPLES  
SUMMARY OF LABORATORY ANALYTICAL RESULTS  
(Samples Collected on March 20, 1996)

Location No.	TPH-D	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total Lead
B3-4.5	ND	ND	ND	ND	ND	ND	58
B4-4.5	ND	ND	ND	ND	ND	ND	310
B5-4.5	ND	ND	ND	ND	ND	ND	9.3
B6-4.5*	16	ND	ND	ND	ND	ND	23

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

ND = Not Detected.

\* = Review of the laboratory analytical report indicates that the TPH-D sample results are oil-range compounds.

Results in parts per million (ppm), unless otherwise indicated.



Base Map From:  
 U.S. Geological Survey  
 Oakland West, Calif.  
 7.5 Minute Quadrangle  
 Photorevised, 1980

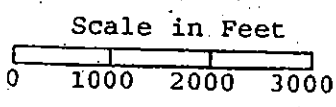
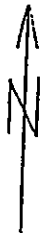


Fig 1

Figure 1  
 SITE LOCATION MAP  
 Meyer Plumbing Supply  
 311-2nd Street  
 Oakland, California



June 18, 1996

LOP STID 4616

page 2 of 2

Edward Myall and Ray Weymouth

cc: Acting Chief, Environmental Protection Division  
Kevin Graves, RWQCB  
Lori Casias, SWRCB (with attachment)  
Don Andersen, Law Offices, 2033 North Main St., Suite 700, Walnut Creek CA 94596  
Paul King and Don Braun, AllPro Corp, 1125B Arnold Dr., Suite 284, Martinez CA  
94553  
Jennifer Eberle

LOP/Completion

je.4616clos.let

enclosure (clos sum)

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STATE RECORDS

#### California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

#### California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS  
RADON**

**AREA RADON INFORMATION**

State Database: CA Radon

**Radon Test Results**

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
94607	3	0	0.00

Federal EPA Radon Zone for ALAMEDA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 Indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 Indoor average level < 2 pCi/L.

**Federal Area Radon Information for ALAMEDA COUNTY, CA**

Number of sites tested: 49

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 pCi/L	100%	0%	0%

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>J36</b> East 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2323 N Not Reported Not Reported 20 07/17/1996	AQUIFLOW	55756
<b>J37</b> East 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2323 N Not Reported Not Reported 20 07/17/1996	AQUIFLOW	55754
<b>38</b> NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1168 NNE,SE,S,SW 4.3 9.0 Not Reported 03/06/1991	AQUIFLOW	55829
<b>39</b> WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0086 N Not Reported Not Reported 10 03/09/1990	AQUIFLOW	63819
<b>40</b> ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0225 E Not Reported Not Reported Not Reported 09/20/1991	AQUIFLOW	51908
<b>K41</b> NW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 SE,S,Varies Not Reported Not Reported 5 09/26/1992	AQUIFLOW	55795
<b>K42</b> NW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 S Not Reported Not Reported 15 03/05/1997	AQUIFLOW	55794

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
F22 ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1194 SW 4.5 5.5 Not Reported 12/09/1991	AQUIFLOW	63891
23 North 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2232 E Not Reported Not Reported 120 01/07/1987	AQUIFLOW	51544
F24 ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1066 SE Not Reported Not Reported Not Reported 09/20/1988	AQUIFLOW	67424
G25 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1921 N, S Not Reported Not Reported 11 05/26/1994	AQUIFLOW	55882
26 South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1639 NE,NW,Varies 1 5.75 Not Reported 12/1993	AQUIFLOW	50078
G27 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1705 SW 5.6 8.5 Not Reported 01/28/1991	AQUIFLOW	55892
G28 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1705 SW Not Reported Not Reported 8.5 04/02/1996	AQUIFLOW	55893

## GEOCHECK - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
D15 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0055 W Not Reported Not Reported 6 08/26/1996	AQUIFLOW	55914
D16 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0055 N Not Reported Not Reported 3 03/03/1989	AQUIFLOW	55915
E17 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0355 NE 2.5 9.5 Not Reported 12/05/1990	AQUIFLOW	52380
E18 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0355 NE 9.5 20.5 Not Reported 08/10/1999	AQUIFLOW	52381
19 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2039 W Not Reported Not Reported Not Reported 11/15/1991	AQUIFLOW	64077
20 NNE 1/2 - 1 Mile Higher			FRDS PWS	CA2400009
	PWS ID: Date Initiated: PWS Name:	CA2400009 Not Reported GARDEN VILLAGE APTS ATWATER, CA 95301	PWS Status: Date Deactivated:	Not Reported Not Reported
	Addressee / Facility:	System Owner/Responsible Party CALIFORNIA PROPERTY MANAGEMENT P O BOX 56 WALNUT CREEK, CA 94596		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
<b>1</b> NNW 0 - 1/8 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0421 SW Not Reported Not Reported 7 10/28/1996	AQUIFLOW 63810
<b>2</b> ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2300 Not Reported Not Reported Not Reported 2-3 10/23/1996	AQUIFLOW 55761
<b>3</b> East 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1151 SE Not Reported Not Reported 5-16 04/13/1997	AQUIFLOW 63663
<b>A4</b> NNE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2307 NW Not Reported Not Reported 7.50 09/23/1994	AQUIFLOW 51869
<b>A5</b> NNE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2307 NW Not Reported Not Reported 12 ft 03/15/1995	AQUIFLOW 51870
<b>6</b> West 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1793 SE 5.00 5.30 Not Reported 03/12/1997	AQUIFLOW 55831
<b>A7</b> NNE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1611 Varies Not Reported Not Reported 156 09/19/1997	AQUIFLOW 51534

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID

WELL ID

LOCATION  
FROM TP

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

MAP ID

WELL ID

LOCATION  
FROM TP

No Wells Found



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
 System: Quaternary  
 Series: Quaternary  
 Code: Q (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

Target Property County  
ALAMEDA, CA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0650480015B

Additional Panels in search area: 0600020005B

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
OAKLAND WEST

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### *Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile SW
Site Name:	Naval Supply Center, Alameda Annex & Facility
Site EPA ID Number:	CA1170090012
Groundwater Flow Direction:	Southeast
Measured Depth to Water:	5 feet.
Hydraulic Connection:	Information is not available about the hydraulic connection between aquifer(s) underlying the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	0 - 1/8 Mile NNW	SW

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Daycare Centers: Licensed Facilities**  
Source: Department of Social Services  
Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

### STREET AND ADDRESS INFORMATION

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## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A  
Date of Next Scheduled EDR Contact: N/A

**US INST CONTROL:** Sites with Institutional Controls  
Source: Environmental Protection Agency  
Telephone: 703-603-8867

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: N/A  
Database Release Frequency: Varies

Date of Last EDR Contact: N/A  
Date of Next Scheduled EDR Contact: N/A

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

### **Electric Power Transmission Line Data**

Source: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### **AHA Hospitals:**

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### **Nursing Homes**

Source: National Institutes of Health  
Telephone: 301-594-6248  
Information on Medicare and Medicaid certified nursing homes in the United States.

### **Public Schools**

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### **Private Schools**

Source: National Center for Education Statistics  
Telephone: 202-502-7300  
The National Center for Education Statistics' primary database on private school locations in the United States.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/05

Date of Next Scheduled EDR Contact: 04/11/05

### SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/21/05

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/14/05

Date of Next Scheduled EDR Contact: 05/23/05

### SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/04

Database Release Frequency: Varies

Date of Last EDR Contact: 01/24/05

Date of Next Scheduled EDR Contact: 04/25/05

### SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/01/04

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/04/05

Date of Next Scheduled EDR Contact: 04/04/05

### SLIC REG 6L: SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574

Date of Government Version: 09/07/04

Database Release Frequency: Varies

Date of Last EDR Contact: 12/06/04

Date of Next Scheduled EDR Contact: 03/07/05

### SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583

Date of Government Version: 01/25/05

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/17/04

Date of Next Scheduled EDR Contact: 04/04/05

### SLIC REG 7: SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491

Date of Government Version: 11/24/04

Database Release Frequency: Varies

Date of Last EDR Contact: 02/22/05

Date of Next Scheduled EDR Contact: 05/23/05

### SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298

Date of Government Version: 07/01/04

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/07/05

Date of Next Scheduled EDR Contact: 04/04/05

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/05  
Date of Next Scheduled EDR Contact: 06/13/05

### Underground Tank Closed Sites List

Source: Environmental Health Division  
Telephone: 805-654-2813

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/14/05  
Date of Next Scheduled EDR Contact: 04/11/05

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W); and/or Underground Tank (T) information.

Date of Government Version: 03/01/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/05  
Date of Next Scheduled EDR Contact: 06/13/05

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health  
Telephone: 530-666-8646

Date of Government Version: 01/18/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/17/05  
Date of Next Scheduled EDR Contact: 04/18/05

## California Regional Water Quality Control Board (RWQCB) LUST Records

### LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-576-2220

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/23/05  
Date of Next Scheduled EDR Contact: 05/23/05

### LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457

Date of Government Version: 09/30/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/05  
Date of Next Scheduled EDR Contact: 04/11/05

### LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147

Date of Government Version: 05/19/03  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/14/05  
Date of Next Scheduled EDR Contact: 05/16/05

### LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/00  
Database Release Frequency: Varies

Date of Last EDR Contact: 02/22/05  
Date of Next Scheduled EDR Contact: 05/23/05

### Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/29/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/05  
Date of Next Scheduled EDR Contact: 04/04/05

### SAN FRANCISCO COUNTY:

#### Local Oversight Facilities

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920

Date of Government Version: 03/09/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/05  
Date of Next Scheduled EDR Contact: 06/06/05

#### Underground Storage Tank Information

Source: Department of Public Health  
Telephone: 415-252-3920

Date of Government Version: 12/09/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/06/04  
Date of Next Scheduled EDR Contact: 03/07/05

### SAN MATEO COUNTY:

#### Fuel Leak List

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921

Date of Government Version: 02/14/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/10/05  
Date of Next Scheduled EDR Contact: 04/11/05

#### Business Inventory

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/28/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/10/05  
Date of Next Scheduled EDR Contact: 04/11/05

### SANTA CLARA COUNTY:

#### Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MARIN COUNTY:

### Underground Storage Tank Sites

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Currently permitted USTs in Marin County.

Date of Government Version: 02/08/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/31/05  
Date of Next Scheduled EDR Contact: 05/02/05

## NAPA COUNTY:

### Sites With Reported Contamination

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269

Date of Government Version: 12/27/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/28/04  
Date of Next Scheduled EDR Contact: 03/28/05

### Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269

Date of Government Version: 12/27/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/27/04  
Date of Next Scheduled EDR Contact: 03/28/05

## ORANGE COUNTY:

### List of Underground Storage Tank Cleanups

Source: Health Care Agency  
Telephone: 714-834-3446  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/01/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/05  
Date of Next Scheduled EDR Contact: 06/06/05

### List of Underground Storage Tank Facilities

Source: Health Care Agency  
Telephone: 714-834-3446  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/10/04  
Date of Next Scheduled EDR Contact: 03/07/05

### List of Industrial Site Cleanups

Source: Health Care Agency  
Telephone: 714-834-3446  
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/11/05  
Date of Next Scheduled EDR Contact: 06/06/05

## PLACER COUNTY:

### Master List of Facilities

Source: Placer County Health and Human Services  
Telephone: 530-889-7312

List includes aboveground tanks, underground tanks and cleanup sites.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 02/17/05  
Date of Next Scheduled EDR Contact: 05/09/05

## LOCAL RECORDS

### **ALAMEDA COUNTY:**

**Local Oversight Program Listing of UGT Cleanup Sites**  
Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700

Date of Government Version: 02/14/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/24/05  
Date of Next Scheduled EDR Contact: 04/25/05

### **Underground Tanks**

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700

Date of Government Version: 02/15/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/24/05  
Date of Next Scheduled EDR Contact: 04/25/05

### **CONTRA COSTA COUNTY:**

#### **Site List**

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 03/04/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/28/05  
Date of Next Scheduled EDR Contact: 05/30/05

### **FRESNO COUNTY:**

#### **CUPA Resources List**

Source: Dept. of Community Health  
Telephone: 559-445-3271

Certified Unified Program Agency: CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/19/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/19/05  
Date of Next Scheduled EDR Contact: 05/09/05

### **KERN COUNTY:**

#### **Underground Storage Tank Sites & Tank Listing**

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Kern County Sites and Tanks Listing.

Date of Government Version: 12/13/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/06/04  
Date of Next Scheduled EDR Contact: 03/07/05

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/90  
Date Made Active at EDR: 02/12/91  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91  
Elapsed ASTM days: 18  
Date of Last EDR Contact: 07/26/01

## STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

### **AST: Aboveground Petroleum Storage Tank Facilities**

Source: State Water Resources Control Board  
Telephone: 916-341-5712  
Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/03  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/24/05  
Date of Next Scheduled EDR Contact: 05/02/05

### **CLEANERS: Cleaner Facilities**

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial laundrers; laundry and garment services.

Date of Government Version: 11/29/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/04/05  
Date of Next Scheduled EDR Contact: 04/04/05

### **CA WDS: Waste Discharge System**

Source: State Water Resources Control Board  
Telephone: 916-341-5227

Sites which have been issued waste discharge requirements.

Date of Government Version: 03/21/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/05  
Date of Next Scheduled EDR Contact: 06/20/05

### **DEED: Deed Restriction Listing**

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 02/22/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/04/05  
Date of Next Scheduled EDR Contact: 04/04/05

### **NFA: No Further Action Determination**

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 02/07/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/05  
Date of Next Scheduled EDR Contact: 05/30/05

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OAKLAND	S105691370	OAKLAND FISC UST SITE 211-1,2,3	300 3RD STREET NEAR CORNER OF		L'UST
OAKLAND	S106568172	OAKLAND MAIN POST OFFICE PARKING S	1675 7TH STREET		VCP
OAKLAND	S106568168	CYPRESS FREEWAY-3RD STREET SOUNDWA	2RD STREET BETWEEN CENTER / PE	94607	VCP
OAKLAND	S106568171	MICRONESIAN CARGO INTERNATIONAL	955 7TH STREET	94607	VCP
OAKLAND	1003880072	BATAVIA PROPERTY	1832 9TH STREET	94607	VCP
OAKLAND	A100109333	OAKLAND FUEL FACILITIES CORP.	TANK FARM S - S. FIELD		CERC-NFRAP AST

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEV.	TYPE
1943	MAGNANI B L	330 WEBSTER ST	OAKLAND	CA	North	< 1/8	Higher	Gasoline And Oil Service Stations
1933	PIMENTAL & BRUZZONE	201 WEBSTER ST	OAKLAND	CA	WNW	< 1/8	Higher	Automobile Repairing
1967	DILLARO BROS TRUCK AUTO REPAIRS	208 MADISON ST	OAKLAND	CA	ESE	1/8-1/4	Higher	Automobile Repairing
1943	MADSEN H J	419 4TH ST	OAKLAND	CA	NNW	1/8-1/4	Higher	Automobile Repairing
1943	VAN TASSELL J F	333 BROADWAY ST	OAKLAND	CA	NW	1/8-1/4	Higher	Gasoline And Oil Service Stations
N/A	OAKLAND GAS LIGHT & HEATING CO.	2ND ST.	OAKLAND	CA	WNW	1/4-1/2	Higher	ALAMEDA COUNTY
Description: Site is bordered by Washington to the west, 2nd to the north, Broadway to the east and tracks to the south.								
©Copyright 1993 Real Property Scan, Inc.								
N/A	OAKLAND GAS LIGHT & HEATING CO.	VERY LARGE SITE, SEE NOTES	OAKLAND	CA	WNW	1/2-1	Higher	ALAMEDA COUNTY
Description: Site is southwest of the railroad tracks between Jefferson and Market. Site on east of railroad tracks between Jefferson and Grove, south of 2nd St. Site also on Jefferson, southwest of the tracks. 1899, called Oakland Gas Light and Heat. 190 Gas & Electric Co. by 1912, site called Pacific Gas and Electric Co.								
©Copyright 1993 Real Property Scan, Inc.								

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

County 1  
Gepaid: CAD981443245  
TSD EPA ID: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: 5.1082  
Waste Category: Unspecified organic liquid mixture  
Disposal Method: Recycler  
Contact: ROGER L ERICSON  
Telephone: (510) 272-4400  
Mailing Address: PO BOX 2098  
OAKLAND, CA 94604 - 2098  
County 1

[Click this hyperlink](#) while viewing on your computer to access 24 additional CA HAZNET record(s) in the EDR Site Report.

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 92626

CORTESE:

Region: CORTESE  
Fac Address 2: 333 FILBERT ST

FID:

Facility ID: 01000660 Regulate ID: 00032731  
Reg By: Inactive Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Inactive Facility Tel: (415) 835-4400  
Mail To: Not reported  
333 FILBERT ST  
OAKLAND, CA 94607  
Contact: Not reported Contact Tel: Not reported  
DUNS No: Not reported NPDES No: Not reported  
Creation: 10/22/93 Modified: 00/00/00  
EPA ID: Not reported  
Comments: Not reported

UST HIST:

Facility ID: 32731 Owner Name: W. B. HARPER JR.  
Total Tanks: 1 Region: STATE  
Owner Address: 333 FILBERT ST  
OAKLAND, CA 94607  
Tank Used for: PRODUCT  
Tank Num: 1 Container Num: 1  
Tank Capacity: 00000400 Year Installed: 1966  
Type of Fuel: WASTE OIL Tank Construction: Not Reported  
Leak Detection: Visual  
Contact Name: Not reported Telephone: (415) 835-4400  
Facility Type: Other Other Type: TRUCK SALES

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Monitoring: Not reported  
Close Date: 1994-08-01 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: 1992-03-09 00:00:00  
Enf Type: EF  
Enter Date: 1992-04-29 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: 1132  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1994-12-13 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100485  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtb Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: ARCHIVED 8/6/96 CONTROL NO 120-078 SRC 0904728

LUST Region 2:

Region: 2  
Case Number: 1132  
Facility Id: 01-0531  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: 3/9/1992  
Prelim. Site Assessment Workplan Submitted: 1/4/1989  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)**

1000277300

Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
 Enforcement Action Date: 03/18/1988  
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/14/1989  
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 10/23/1992  
 Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL CONSENT DECREES  
 Enforcement Action Date: 09/09/1993  
 Penalty Type: Final Monetary Penalty

Regulation Violated: 270  
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
 Date Violation Determined: 03/26/1987  
 Actual Date Achieved Compliance: 02/23/1988

Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
 Enforcement Action Date: 09/30/1987  
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/18/1988  
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 10/23/1992  
 Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL CONSENT DECREES  
 Enforcement Action Date: 09/09/1993  
 Penalty Type: Final Monetary Penalty

**Penalty Summary:**

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	9/9/1993	2400	STATE
Proposed Monetary Penalty	6/2/1993	2400	STATE

There are 28 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Other Evaluation	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19990609
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19990609
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19960618
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19960618
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	19930930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930930
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920812
	GENERATOR-LAND BAN REQUIREMENTS	19920512
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920512
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920512
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920121
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920327

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)

1000277300

Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 12/08/1989  
Actual Date Achieved Compliance: 05/21/1990  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/12/1990  
Penalty Type: Not reported  
Regulation Violated: 268 ALL  
Area of Violation: TSD-LAND BAN REQUIREMENTS  
Date Violation Determined: 01/19/1989  
Actual Date Achieved Compliance: 03/19/1990  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/23/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: FINAL CONSENT DECREES  
Enforcement Action Date: 09/09/1993  
Penalty Type: Final Monetary Penalty  
Regulation Violated: 264.70-77.E  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 01/19/1989  
Actual Date Achieved Compliance: 03/19/1990  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/18/1996  
Penalty Type: Not reported  
Regulation Violated: 270  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 01/19/1989  
Actual Date Achieved Compliance: 03/19/1990  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/18/1996  
Penalty Type: Not reported  
Regulation Violated: 268.7  
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)

1000277300

Date Violation Determined: 10/20/1992  
Actual Date Achieved Compliance: 09/30/1993  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/23/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: FINAL CONSENT DECREES  
Enforcement Action Date: 09/09/1993  
Penalty Type: Final Monetary Penalty  
Regulation Violated: 264.30-37.C  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 10/20/1992  
Actual Date Achieved Compliance: 09/30/1993  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 03/18/1988  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/14/1989  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/23/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: FINAL CONSENT DECREES  
Enforcement Action Date: 09/09/1993  
Penalty Type: Final Monetary Penalty  
Regulation Violated: 270  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/25/1992  
Actual Date Achieved Compliance: 08/12/1992  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/09/1992  
Penalty Type: Not reported  
Regulation Violated: 270  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/25/1992  
Actual Date Achieved Compliance: 05/12/1992  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/09/1992  
Penalty Type: Not reported  
Regulation Violated: 264.30-37.C  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/25/1992  
Actual Date Achieved Compliance: 05/12/1992  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/09/1992

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)

1000277300

Date Violation Determined: 10/21/1997  
Actual Date Achieved Compliance: 06/09/1999  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/12/1990  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/21/1997  
Penalty Type: Not reported  
Regulation Violated: 264.10-18.B  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/18/1996  
Actual Date Achieved Compliance: 06/18/1996  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/18/1996  
Penalty Type: Not reported  
Regulation Violated: 262.50-60  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/18/1996  
Actual Date Achieved Compliance: 06/18/1996  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/07/1989  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/18/1996  
Penalty Type: Not reported  
Regulation Violated: 268 ALL  
Area of Violation: TSD-LAND BAN REQUIREMENTS  
Date Violation Determined: 10/20/1992  
Actual Date Achieved Compliance: 09/30/1993  
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement Action Date: 09/30/1987  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 02/18/1988  
Penalty Type: Final Monetary Penalty  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/23/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: FINAL CONSENT DECREES  
Enforcement Action Date: 09/09/1993  
Penalty Type: Final Monetary Penalty

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

USNAVY OAKLAND NAVAL SUPPLY CTR ALAMEDA (Continued)

1000277300

Actual Date: 04/07/1994  
Corrective Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
2002 NAICS Title: Other General Government Support  
National Security

EPA Id: CA1170090012  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 04/20/1998  
Corrective Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified  
2002 NAICS Title: Other General Government Support  
National Security

EPA Id: CA1170090012  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 09/29/1992  
Corrective Action: CA100 - RFI Imposition  
2002 NAICS Title: Other General Government Support  
National Security

EPA Id: CA1170090012  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 04/20/1998  
Corrective Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
2002 NAICS Title: Other General Government Support  
National Security

EPA Id: CA1170090012  
Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 11/27/1993  
Corrective Action: CA150 - RFI Workplan Approved  
2002 NAICS Title: Other General Government Support  
National Security

[Click this hyperlink](#) while viewing on your computer to access 4 additional CORRACTS record(s) in the EDR Site Report.

RCRAInfo Corrective Action Summary:

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 04/20/1998

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

**MAP FINDINGS**

Database(s) EDR ID Number  
 EPA ID Number

**OAKLAND CITY HALL (Continued)**

1000277317

**NOTIFY 65:**

Date Reported: Not reported Staff Initials: Not reported  
 Board File Number: Not reported  
 Facility Type: Not reported  
 Discharge Date: Not reported  
 Incident Description: 92626

**CORTESE:**

Region: CORTESE  
 Fac Address 2: 1 CITY HALL PLAZA

Q88  
 South  
 1/2-1  
 4093 ft.

**FLEET INDUSTRIAL SUPPLY C**  
 2155 MARINER SQUARE LOOP  
 ALAMEDA, CA 94501

Cal-Sites S101272662  
 Cortese N/A  
 AWP  
 DEED

Site 1 of 2 in cluster Q

Relative:  
 Lower

**CA DEEDS:**

Deed Date(s): 07/20/03 07/20/00

Actual:  
 11 ft.

**CAL-SITES:**

Facility ID: 01970007  
 Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE  
 Status Date: 05/25/1994  
 Lead: DTSC  
 Region: 2 - BERKELEY  
 Branch: NO - OMF-NORTHERN CALIF  
 File Name: Not reported  
 Status Name: ANNUAL WORKPLAN - ACTIVE SITE  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
 NPL: Not Listed  
 SIC: 97 NATIONAL SECURITY/INTERNATIONAL AFFAIRS  
 Facility Type: CLOSE  
 Type Name: CLOSED MILITARY BASE  
 Staff Member Responsible for Site: HWONG  
 Supervisor Responsible for Site: Not reported  
 Region Water Control Board: SF - SAN FRANCISCO BAY  
 Access: Controlled  
 Cortese: C  
 Hazardous Ranking Score: Not reported  
 Date Site Hazard Ranked: Not reported  
 Groundwater Contamination: Confirmed  
 No. of Contamination Sources: 0  
 Lat/Long: Not reported  
 Lat/long Method: Not reported  
 State Assembly District Code: 16  
 State Senate District: 09

Click this hyperlink while viewing on your computer to access additional CAL-SITES detail in the EDR Site Report.

AWP Facility ID: 01970007  
 Facility Type: Closed military facility  
 Site Access Controlled: Controlled  
 Region Code: 2  
 Region: BERKELEY  
 SMBR Branch Unit: OMF-NORTHERN CALIF  
 SMBR Branch Code: NO  
 Site Name: Not reported

MAP FINDINGS

Map ID:  
 Direction:  
 Distance:  
 Distance (ft.):  
 Elevation Site

Database(s)      EDR ID Number  
 EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

**1000224433**

Type of Fuel:	Not reported	Tank Construction:	.25 inches
Leak Detection:	Visual, Stock Inventor	Telephone:	(312) 697-8460
Contact Name:	STEVE NEVES	Other Type:	PARTS WASHER SERVICE
Facility Type:	Other		
Facility ID:	6278	Owner Name:	SAFETY-KLEEN CORP.
Total Tanks:	3	Region:	STATE
Owner Address:	655 BIG TIMBER ROAD. ELGIN, IL 60120		
Tank Used for:	PRODUCT	Container Num:	03
Tank Num:	3	Year Installed:	1971
Tank Capacity:	00010000	Tank Construction:	.25 inches
Type of Fuel:	Not reported		
Leak Detection:	Visual, Stock Inventor	Telephone:	(312) 697-8460
Contact Name:	STEVE NEVES	Other Type:	PARTS WASHER SERVICE
Facility Type:	Other		

87      **OAKLAND CITY HALL**  
 North      **#1 CITY HALL PLAZA**  
 1/2-1      **OAKLAND, CA 94612**  
 3882 ft.

Notify 65      1000277317  
 RCRA-SQG      CAD980892004  
**FINDS**  
**LUST**  
 Cortese

Relative:  
 Higher

RCRAInfo:  
 Owner:      NOT REQUIRED  
                  (415) 555-1212  
 EPA ID:      CAD980892004  
 Contact:      Not reported

Actual:  
 41 ft.

Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Resource Conservation and Recovery Act Information system

**State LUST:**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	Not reported
Case Number:	01-1069	Remed Plan:	Not reported
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency:	01000L		
Case Type:	Soil only		
Status:	Case Closed		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1995-02-21 00:00:00		
Release Date:	Not reported		
Cleanup Fund Id:	Not reported		
Discover Date:	Not reported		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

1000224433

Date Violation Determined: 07/06/1988  
 Actual Date Achieved Compliance: 11/15/1988  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 05/26/1988  
 Penalty Type: Not reported  
 Regulation Violated: 264.140-150.H  
 Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS  
 Date Violation Determined: 05/19/1988  
 Actual Date Achieved Compliance: 07/02/1988  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 05/26/1988  
 Penalty Type: Not reported

There are 56 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	20001220
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	20020227
	TRANSPORTER-ALL REQUIREMENTS (OVERSIGHT)	
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19991119
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940831
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940714
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940628
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940624
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940518
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940427
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19931116
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19931115
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930916
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930816
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930811
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19931022
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930727
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930621
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930607
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930517
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930324
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930309
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19921210
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19921103
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930730
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920423
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920327
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920324
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19911007
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19911007
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910502
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910329
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910328
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910326
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910321
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910314
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910226
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910225
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910220
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910219

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SAFETY KLEEN CORP 7 178 01 (Continued)

1000224433

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 264.110-120.G  
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS  
Date Violation Determined: 10/02/1990  
Actual Date Achieved Compliance: 07/30/1993

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 264.70-77.E  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 10/02/1990  
Actual Date Achieved Compliance: 07/30/1993

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 08/22/1990  
Actual Date Achieved Compliance: 10/02/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 05/26/1988  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 05/16/1990  
Actual Date Achieved Compliance: 06/05/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 05/26/1988  
Penalty Type: Not reported

Regulation Violated: 270  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 02/27/1990  
Actual Date Achieved Compliance: 07/30/1993

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 08/08/1990  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 264.140-150.H  
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS  
Date Violation Determined: 02/23/1990

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

1000224433

Enforcement Action Date: 09/13/1993  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/26/1991  
Actual Date Achieved Compliance: 03/28/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/21/1991  
Actual Date Achieved Compliance: 03/26/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/14/1991  
Actual Date Achieved Compliance: 03/21/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/20/1991  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 02/26/1991  
Actual Date Achieved Compliance: 03/14/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 08/08/1990  
Penalty Type: Not reported

Enforcement Action: FINAL JUDICIAL ORDERS  
Enforcement Action Date: 04/30/1991  
Penalty Type: Not reported

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 02/25/1991  
Actual Date Achieved Compliance: 02/26/1991

Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 02/20/1991  
Actual Date Achieved Compliance: 02/25/1991



It is AllPro's understanding that ownership of the sidewalk and portion of Harrison Street immediately adjacent to the area of investigation has been transferred to Meyer Plumbing Supply by the Port and City of Oakland.

In a letter dated January 6, 1995 (the letter was received in 1996) Ms. Jennifer Eberle of the ACDEH requested that a soil and groundwater investigation be performed in the vicinity of the UST. A work plan dated February 29, 1996 was submitted for the soil and groundwater investigation. The work plan was subsequently approved in a letter from Ms. Eberle in a letter dated March 11, 1996.

#### FIELD ACTIVITIES

On March 15 and 16, 1996 AllPro personnel hand augered boreholes B3 through B6 for the collection of soil and groundwater grab samples in the vicinity of the former UST. The borehole locations are shown on Figure 2.

The boreholes were hand augered with a 3.5-inch outside diameter hand auger. All of the boreholes were hand augered to total depths of between approximately 5.5 and 7.5 feet below grade. Boreholes B3, B4, B5, and B6 were hand augered to depths of 6.0, 6.0, 5.5, and 7.5 feet below grade, respectively. Groundwater was first encountered in boreholes B3, B4, B5 and B6 at depths of 5.5, 5.0, 5.0, and 7.0 feet below grade, respectively.

Soil from all of the boreholes was evaluated using a photoionization detector (PID). The PID was calibrated using a 100 ppm isobutylene standard prior to the beginning of field work on March 15, 1996. No Petroleum hydrocarbon odors or PID readings were encountered in the soil or groundwater in boreholes B3 through B6.

All of the soil samples were collected at a depth of 4.5 feet using a percussion sampler lined with a 2-inch diameter, 6-inch long brass tube. Following sample collection, the ends of the brass tubes for these samples were sealed with aluminum foil and plastic endcaps. The brass tubes were then labeled, placed into ziplock baggies, and stored in a cooler with ice pending delivery to McCampbell Analytical, Inc. in Pacheco, California. McCampbell Analytical, Inc. is a State-accredited hazardous waste testing laboratory. Chain of custody procedures will be observed for all sample handling.

The groundwater grab samples were collected from the boreholes using a Teflon bailer. The groundwater grab samples were transferred from the Teflon bailer to 40-milliliter Volatile Organic Analysis (VOA) vials and one-liter amber glass bottles which were capped with Teflon-lined screw caps, and a 250 milliliter plastic bottle which was capped with a plastic screw

TABLE 3  
SOIL SAMPLES  
SUMMARY OF LABORATORY ANALYTICAL RESULTS  
(Samples Collected on March 20, 1996)

Location No.	TPH-D	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total Lead
B3-4.5	ND	ND	ND	ND	ND	ND	58
B4-4.5	ND	ND	ND	ND	ND	ND	310
B5-4.5	ND	ND	ND	ND	ND	ND	9.3
B6-4.5*	16	ND	ND	ND	ND	ND	23

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

ND = Not Detected.

\* = Review of the laboratory analytical report indicates that the TPH-D sample results are oil-range compounds.

Results in parts per million (ppm), unless otherwise indicated.



Base Map From:  
 U.S. Geological Survey  
 Oakland West, Calif.  
 7.5 Minute Quadrangle  
 Photorevised, 1980

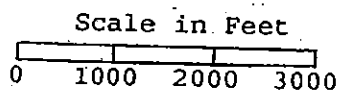


Fig 1  
 Figure 1  
 SITE LOCATION MAP  
 Meyer Plumbing Supply  
 311-2nd Street  
 Oakland, California

June 18, 1996

LOP STID 4616

page 2 of 2

Edward Myall and Ray Weymouth

cc: Acting Chief, Environmental Protection Division

Kevin Graves, RWQCB

Lori Casias, SWRCB (with attachment)

Don Andersen, Law Offices, 2033 North Main St., Suite 700, Walnut Creek CA 94596

Paul King and Don Braun, AllPro Corp, 1125B Arnold Dr., Suite 284, Martinez CA  
94553

Jennifer Eberle

LOP/Completion

je.4616clos.let

enclosure (clos sum)

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STATE RECORDS

#### California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

#### California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
94607	3	0	0.00

Federal EPA Radon Zone for ALAMEDA County: 2

Note: Zone 1 Indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 Indoor average level < 2 pCi/L.

### Federal Area Radon Information for ALAMEDA COUNTY, CA

Number of sites tested: 49

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 pCi/L	100%	0%	0%

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
J36 East 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2323 N Not Reported Not Reported 20 07/17/1996	AQUIFLOW	55756
J37 East 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2323 N Not Reported Not Reported 20 07/17/1996	AQUIFLOW	55754
38 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1168 NNE,SE,S,SW 4.3 9.0 Not Reported 03/06/1991	AQUIFLOW	55829
39 WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0086 N Not Reported Not Reported 10 03/09/1990	AQUIFLOW	63819
40 ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0225 E Not Reported Not Reported Not Reported 09/20/1991	AQUIFLOW	51908
K41 NW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 SE,S,Varies Not Reported Not Reported 5 09/26/1992	AQUIFLOW	55795
K42 NW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 S Not Reported Not Reported 15 03/05/1997	AQUIFLOW	55794

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
F22 ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1194 SW 4.5 5.5 Not Reported 12/09/1991	AQUIFLOW	63891
23 North 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2232 E Not Reported Not Reported 120 01/07/1987	AQUIFLOW	51544
F24 ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1066 SE Not Reported Not Reported Not Reported 09/20/1988	AQUIFLOW	67424
G25 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1921 N, S Not Reported Not Reported 11 05/26/1994	AQUIFLOW	55882
26 South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1639 NE,NW,Varies 1 5.75 Not Reported 12/1993	AQUIFLOW	50078
G27 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1705 SW 5.6 8.5 Not Reported 01/28/1991	AQUIFLOW	55892
G28 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1705 SW Not Reported Not Reported 8.5 04/02/1996	AQUIFLOW	55893



## GEOCHECK - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
D15 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0055 W Not Reported Not Reported 6 08/26/1996	AQUIFLOW	55914
D16 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0055 N Not Reported Not Reported 3 03/03/1989	AQUIFLOW	55915
E17 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0355 NE 2.5 9.5 Not Reported 12/05/1990	AQUIFLOW	52380
E18 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0355 NE 9.5 20.5 Not Reported 08/10/1999	AQUIFLOW	52381
19 NNE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2039 W Not Reported Not Reported Not Reported 11/15/1991	AQUIFLOW	64077
20 NNE 1/2 - 1 Mile Higher			FRDS PWS	CA2400009
	PWS ID: Date Initiated: PWS Name:	CA2400009 Not Reported GARDEN VILLAGE APTS ATWATER, CA 95301	PWS Status: Date Deactivated:	Not Reported Not Reported
	Addressee / Facility:	System Owner/Responsible Party CALIFORNIA PROPERTY MANAGEMENT P O BOX 56 WALNUT CREEK, CA 94596		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 NNW 0 - 1/8 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0421 SW Not Reported Not Reported 7 10/28/1996	AQUIFLOW 63810
2 ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2300 Not Reported Not Reported Not Reported 2-3 10/23/1996	AQUIFLOW 55761
3 East 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1151 SE Not Reported Not Reported 5-16 04/13/1997	AQUIFLOW 63663
A4 NNE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2307 NW Not Reported Not Reported 7.50 09/23/1994	AQUIFLOW 51869
A5 NNE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2307 NW Not Reported Not Reported 12 ft 03/15/1995	AQUIFLOW 51870
6 West 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1793 SE 5.00 5.30 Not Reported 03/12/1997	AQUIFLOW 55831
A7 NNE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1611 Varies Not Reported Not Reported 156 09/19/1997	AQUIFLOW 51534

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID

WELL ID

LOCATION  
FROM TP

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

MAP ID

WELL ID

LOCATION  
FROM TP

No Wells Found

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
 System: Quaternary  
 Series: Quaternary  
 Code: Q (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

**Soil Layer Information**

Layer	Boundary		Classification			Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
ALAMEDA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0650480015B

Additional Panels in search area: 0600020005B

### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
OAKLAND WEST	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### Site-Specific Hydrogeological Data\*:

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile SW
Site Name:	Naval Supply Center, Alameda Annex & Facility
Site EPA ID Number:	CA1170090012
Groundwater Flow Direction:	Southeast
Measured Depth to Water:	5 feet
Hydraulic Connection:	Information is not available about the hydraulic connection between aquifer(s) underlying the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	0 - 1/8 Mile NNW	SW

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Daycare Centers: Licensed Facilities**  
Source: Department of Social Services  
Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

### STREET AND ADDRESS INFORMATION

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## EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
D018	BENZENE
D022	CHLOROFORM
D027	1,4-DICHLOROENZENE
D028	1,2-DICHLOROETHANE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

## EPA Waste Codes Addendum

Code      Description

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

F005      THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/22/05  
Date Made Active at EDR: 04/06/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/01/05  
Elapsed ASTM days: 5  
Date of Last EDR Contact: 04/01/05

### **CORRACTS:** Corrective Action Report

Source: EPA  
Telephone: 800-424-9346  
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/15/04  
Date Made Active at EDR: 02/25/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/07/05  
Elapsed ASTM days: 49  
Date of Last EDR Contact: 12/07/04

### **RCRA:** Resource Conservation and Recovery Act Information

Source: EPA  
Telephone: 800-424-9346  
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 01/10/05  
Date Made Active at EDR: 04/01/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/25/05  
Elapsed ASTM days: 66  
Date of Last EDR Contact: 03/23/05

### **ERNS:** Emergency Response Notification System

Source: National Response Center, United States Coast Guard  
Telephone: 202-260-2342  
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/04  
Date Made Active at EDR: 03/24/05  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/05  
Elapsed ASTM days: 56  
Date of Last EDR Contact: 01/27/05

### **FEDERAL ASTM SUPPLEMENTAL RECORDS**

#### **BRS:** Biennial Reporting System

Source: EPA/NTIS  
Telephone: 800-424-9346  
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01  
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/13/04  
Date of Next Scheduled EDR Contact: 03/14/05

#### **CONSENT:** Superfund (CERCLA) Consent Decrees

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/15/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/28/04  
Date of Next Scheduled EDR Contact: 03/28/05

### **NPL LIENS: Federal Superfund Liens**

Source: EPA  
Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/22/05  
Date of Next Scheduled EDR Contact: 05/23/05

### **PADS: PCB Activity Database System**

Source: EPA  
Telephone: 202-564-3887

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/21/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/05  
Date of Next Scheduled EDR Contact: 05/09/05

### **DOD: Department of Defense Sites**

Source: USGS  
Telephone: 703-692-8801

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/05  
Date of Next Scheduled EDR Contact: 05/09/05

### **UMTRA: Uranium Mill Tailings Sites**

Source: Department of Energy  
Telephone: 505-845-0011

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04  
Database Release Frequency: Varies

Date of Last EDR Contact: 12/21/04  
Date of Next Scheduled EDR Contact: 03/21/05

### **ODI: Open Dump Inventory**

Source: Environmental Protection Agency  
Telephone: 800-424-9346

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/85  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/95  
Date of Next Scheduled EDR Contact: N/A

### **FUDS: Formerly Used Defense Sites**

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 09/13/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/01/04  
Date of Next Scheduled EDR Contact: 03/21/05

### **STATE OF CALIFORNIA ASTM STANDARD RECORDS**

#### **AWP: Annual Workplan Sites**

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites, California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 02/07/05  
Date Made Active at EDR: 04/05/05  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 03/01/05  
Elapsed ASTM days: 35  
Date of Last EDR Contact: 03/01/05

#### **CAL-SITES: Calsites Database**

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 02/07/05  
Date Made Active at EDR: 04/05/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/01/05  
Elapsed ASTM days: 35  
Date of Last EDR Contact: 03/01/05

#### **CHMIRS: California Hazardous Material Incident Report System**

Source: Office of Emergency Services

Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03  
Date Made Active at EDR: 06/25/04  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/18/04  
Elapsed ASTM days: 38  
Date of Last EDR Contact: 02/23/05

#### **CORTESE: "Cortese" Hazardous Waste & Substances Sites List**

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/01  
Date Made Active at EDR: 07/26/01  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01  
Elapsed ASTM days: 58  
Date of Last EDR Contact: 01/25/05

#### **NOTIFY 65: Proposition 65 Records**

Source: State Water Resources Control Board

Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

SAFETY KLEEN CORP 7 178 01 (Continued)

1000224433

Date Violation Determined: 08/02/1993  
Actual Date Achieved Compliance: 08/11/1993  
Regulation Violated: 262.30-34.C  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 07/27/1993  
Actual Date Achieved Compliance: 10/22/1993  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 09/13/1993  
Penalty Type: Not reported  
Regulation Violated: 262.40-43.D  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 07/19/1993  
Actual Date Achieved Compliance: 07/30/1993  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/19/1993  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 09/13/1993  
Penalty Type: Not reported  
Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/24/1993  
Actual Date Achieved Compliance: 07/27/1993  
Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/16/1993  
Actual Date Achieved Compliance: 06/21/1993  
Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 05/17/1993  
Actual Date Achieved Compliance: 06/07/1993  
Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 05/11/1993  
Actual Date Achieved Compliance: 05/17/1993  
Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 03/09/1993  
Actual Date Achieved Compliance: 03/24/1993  
Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 02/24/1993  
Actual Date Achieved Compliance: 03/09/1993  
Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 11/03/1992  
Actual Date Achieved Compliance: 12/10/1992  
Regulation Violated: 262.10-12.A  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 10/08/1992  
Actual Date Achieved Compliance: 11/03/1992

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

1000224433

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.  
 Event Date: 06/18/1993  
 Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.  
 Event Date: 06/16/1993

**RCRA Info:**

Owner: SAFETY-KLEEN CORP ELGIN IL  
 (708) 697-8460  
 EPA ID: CAD053044053  
 Contact: Not reported  
 Classification: Large Quantity Generator, TSDF  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2001

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	2522437.00	D006	10010.00
D007	9970.00	D008	10110.00
D009	500.00	D011	9970.00
D018	107347.00	D022	9970.00
D027	10010.00	D028	9970.00
D035	10070.00	D039	2522892.00
D040	2445152.00	F001	9970.00
F002	9970.00	F003	10070.00
F005	10070.00		

**Violation Status: Violations exist**

Regulation Violated: 268 ALL  
 Area of Violation: TSD-LAND BAN REQUIREMENTS  
 Date Violation Determined: 03/28/2000  
 Actual Date Achieved Compliance: 12/20/2000

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 03/28/2000  
 Penalty Type: Not reported

Regulation Violated: 270  
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
 Date Violation Determined: 03/28/2000  
 Actual Date Achieved Compliance: 02/27/2002

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 03/28/2000  
 Penalty Type: Not reported

Regulation Violated: 263  
 Area of Violation: TRANSPORTER-ALL REQUIREMENTS (OVERSIGHT)  
 Date Violation Determined: 03/28/2000  
 Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

85 OAKLAND AREA HOSP SITE  
 NE  
 1/2-1 OAKLAND, CA  
 3124 ft.

FUDS 1007211913  
 N/A

Relative: FUDS:  
 Higher Federal Facility ID: CA9799F5811  
 Facility Name: OAKLAND AREA HOSP SITE  
 Actual: City: OAKLAND  
 39 ft. State: CA  
 EPA Region: 9  
 County: ALAMEDA  
 Congressional District: 09  
 US Army District: Sacramento District (SPK)  
 Fiscal Year: 2003  
 First Name: GERALD  
 Last name: VINCENT  
 Phone: 916-557-7461  
 Inst ID: 61285  
 CTC: Not reported  
 RAB: Not reported

86 SAFETY KLEEN CORP 7 176 01  
 NW 404 MARKET ST  
 1/2-1 OAKLAND, CA 94607  
 3706 ft.

CERCLIS 1000224433  
 FINDS CAD053044053  
 RCRA-LQG  
 RCRA-TSDF  
 CA FID UST  
 CORRACTS  
 HIST-UST

Relative:  
 Higher

Actual:  
 16 ft.

CERCLIS Classification Data:  
 Site incident category: Not reported  
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup  
 Ownership Status: Not reported  
 Contact: Betsy Cumow  
 Contact Title: Not reported  
 Contact: Jere Johnson  
 Contact Title: Not reported  
 Federal Facility: Not a Federal Facility  
 NPL Status: Not on the NPL  
 Contact Tel: (415) 972-3093  
 Contact Tel: (415) 972-3094  
 CERCLIS Assessment History:  
 Assessment: DISCOVERY Completed: 11/29/2000  
 Assessment: PRELIMINARY ASSESSMENT Completed: 05/30/2001  
 CERCLIS Site Status:  
 High

CORRACTS Data:

EPA Id: CAD053044053  
 Region: 9  
 Area Name: ENTIRE FACILITY  
 Actual Date: 06/18/1993  
 Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority  
 2002 NAICS Title: All Other Support Services  
 42183  
 42272  
 General Rental Centers

EPA Id: CAD053044053  
 Region: 9  
 Area Name: ENTIRE FACILITY  
 Actual Date: 01/01/1996

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

FRANCIS PLATING OF OAKLAND INC (Continued)

1000308458

FINDS:

- Other Pertinent Environmental Activity Identified at Site:
  - Comprehensive Environmental Response, Compensation and Liability Information System
  - National Emissions Inventory
  - Resource Conservation and Recovery Act Information system
  - Toxics Release Inventory

HAZNET:

Gepaid: CAD009206160  
 TSD EPA ID: AZD980735500  
 Gen County: 1  
 Tsd County: 99  
 Tons: 7.5000  
 Waste Category:  
 Disposal Method: Recycler  
 Contact: SEAN MCDOUGALL  
 Telephone: (916) 368-0100  
 Mailing Address: 3774 BRADVIEW DR  
 SACRAMENTO, CA 95827  
 County 1

Gepaid: CAD009206160  
 TSD EPA ID: CAD059494310  
 Gen County: 1  
 Tsd County: Santa Clara  
 Tons: 30.3408  
 Waste Category: Other inorganic solid waste  
 Disposal Method: Not reported  
 Contact: SEAN MCDOUGALL  
 Telephone: (916) 368-0100  
 Mailing Address: 3774 BRADVIEW DR  
 SACRAMENTO, CA 95827  
 County 1

Gepaid: CAD009206160  
 TSD EPA ID: CAD059494310  
 Gen County: 1  
 Tsd County: Santa Clara  
 Tons: 1.3344  
 Waste Category: Liquids with nickel > 134 mg/l  
 Disposal Method: Disposal, Other  
 Contact: SEAN MCDOUGALL  
 Telephone: (916) 368-0100  
 Mailing Address: 3774 BRADVIEW DR  
 SACRAMENTO, CA 95827  
 County 1

Gepaid: CAD009206160  
 TSD EPA ID: CAD059494310  
 Gen County: 1  
 Tsd County: Santa Clara  
 Tons: 6.8596  
 Waste Category: Liquids with pH <UN> 2  
 Disposal Method: Disposal, Other  
 Contact: SEAN MCDOUGALL  
 Telephone: (916) 368-0100  
 Mailing Address: 3774 BRADVIEW DR  
 SACRAMENTO, CA 95827  
 County 1

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)  
 EDR ID Number  
 EPA ID Number

**P82** OFFICE OF THE PRESIDENT U  
**NNE** 1111 FRANKLIN  
**1/4-1/2** OAKLAND, CA 94607  
**2627 ft.**

**HAZNET** S103623124  
**LUST** N/A  
**Cortese**

Site 2 of 2 in cluster P

Relative:  
 Higher

LUST Alameda County:  
 Region : ALAMEDA  
 Record Id : RO0001007  
 Status : Case Closed

Actual:  
 43 ft.

HAZNET:  
 Gepaid: CAC001240288  
 TSD EPA ID: CAD009466392  
 Gen County: 1  
 Tsd County: 7  
 Tons: .5000  
 Waste Category: Other empty containers 30 gallons or more  
 Disposal Method: Recycler  
 Contact: OAKLAND DEV LLC  
 Telephone: (000) 000-0000  
 Mailing Address: 4275 EXECUTIVE SQUARE #328  
 LA JOLLA, CA 92037

County 1

Gepaid: CAC001240288  
 TSD EPA ID: CAD980887418  
 Gen County: 1  
 Tsd County: 1  
 Tons: .8840  
 Waste Category: Waste oil and mixed oil  
 Disposal Method: Recycler  
 Contact: OAKLAND DEV LLC  
 Telephone: (000) 000-0000  
 Mailing Address: 4275 EXECUTIVE SQUARE #328  
 LA JOLLA, CA 92037

County 1

CORTESE:

Region: CORTESE  
 Fac Address 2: Not reported

**83** FRANCIS PLATING OF OAKLAND INC  
**NW** 785 7TH ST  
**1/2-1** OAKLAND, CA 94607  
**2878 ft.**

**CERCLIS** 1000308458  
**FINDS** CAD009206160  
**HAZNET**  
**RCRA-LQG**  
**RCRA-TSDF**  
**CORRACTS**  
**HIST-UST**

Relative:  
 Higher

CERCLIS Classification Data:

Site incident category: Not reported  
 Non NPL Status: PA Ongoing  
 Ownership Status: Not reported  
 Contact: Jere Johnson  
 Contact Title: Not reported  
 Contact: Katherine Lawrence  
 Contact Title: Not reported  
 Contact: Hedy Salter  
 Contact Title: Not reported  
 Site Description: 2/02: Site was deferred to RCRA, but DTSC is revisiting.

Federal Facility: Not a Federal Facility  
 NPL Status: Not on the NPL  
 Contact Tel: (415) 972-3094  
 Contact Tel: (415) 972-3039  
 Contact Tel: (415) 972-3046

Actual:  
 29 ft.



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

80 P G & E OAKLAND POWER PLANT  
 WNW 50 GROVE STREET  
 1/4-1/2 OAKLAND, CA  
 2624 ft.

CA SLIC S106234835  
 N/A

Relative: CA STATE SLIC :  
 Lower Global Id : SL0002020090  
 Region : STATE  
 Actual: Assigned Name : SLICSITE  
 9 ft. Lead Agency Contact : Not reported  
 Lead Agency : Not reported  
 Lead Agency Case Number : Not reported  
 Responsible Party : Not reported  
 Recent Dtw : Not reported  
 Substance Released : Not reported

SLIC Region 2:  
 Facility ID: Not reported  
 Region: 2  
 Facility Status: Not reported  
 Date Closed: Not reported  
 Local Case #: Not reported  
 How Discovered : Not reported  
 Leak Cause : Not reported  
 Leak Source : Not reported  
 Date Confirmed : Not reported  
 Date Prelim Site Assmnt Workplan Submitted : Not reported  
 Date Preliminary Site Assessment Began : Not reported  
 Date Pollution Characterization Began : Not reported  
 Date Remediation Plan Submitted : Not reported  
 Date Remedial Action Underway : Not reported  
 Date Post Remedial Action Monitoring Began : Not reported

P81 OFFICE OF THE PRESIDENT UC  
 NNE 1111 FRANKLIN ST  
 1/4-1/2 OAKLAND, CA 94607  
 2627 ft.

LUST S103576558  
 N/A

Site 1 of 2 in cluster P

Relative: State LUST:  
 Higher Cross Street: Not reported  
 Actual: Qty Leaked: Not reported  
 43 ft. Case Number 01-2250  
 Reg Board: 2  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Soil only  
 Status: Case Closed  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Review Date: Not reported Confirm Leak: Not reported  
 Workplan: Not reported Prelim Assess: Not reported  
 Pollution Char: Not reported Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: 1997-11-21 00:00:00  
 Close Date: 1998-01-08 00:00:00  
 Release Date: Not reported  
 Cleanup Fund Id : Not reported  
 Discover Date : Not reported  
 Enforcement Dt : Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SUNSET WHOLESALE COMPANY (Continued)**

S102438229

Prelim. Site Assessment Workplan Submitted: Not reported  
 Preliminary Site Assessment Began: Not reported  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

**CORTESE:**

Region: CORTESE  
 Fac Address 2: 105 EMBARCADERO AVE

78  
 ENE  
 1/4-1/2  
 2601 ft.

**CARD LOCK FORMER BUILDING**  
 79 8TH  
 OAKLAND, CA 94606

**LUST** S103890669  
 Cortese N/A

Relative:  
 Higher  
 Actual:  
 26 ft.

**State LUST:**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-2400  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Undefined  
 Status: Preliminary site assessment workplan submitted  
 Review Date: 1997-10-30 00:00:00  
 Confirm Leak: 1997-10-30 00:00:00  
 Workplan: Not reported  
 Prelim Assess: Not reported  
 Pollution Char: Not reported  
 Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1998-09-28 00:00:00  
 Funding: Federal Funds  
 Staff Initials: BC  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: Not reported  
 Leak Cause: UNK  
 Leak Source: UNK  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
 Priority: Not reported  
 Local Case #: 6894  
 Beneficial: Not reported  
 Staff: BG  
 GW Qualifier: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifier: Not reported  
 Hydr Basin #: Alameda East Bay (2-  
 Operator: Not reported  
 Oversight Prgm: LUST  
 Review Date: 1999-09-29 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

MACY'S MOVERS (Continued)

U003713855

Review Date : 1996-08-07 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600101602  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : CASE CLOSED; LOP UPDATE--10/21/93

LUST Region 2:

Region: 2  
Case Number: 4334  
Facility Id: 01-1731  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: 10/1/1992  
Prelim. Site Assessment Workplan Submitted: 11/20/1989  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0000882  
Status : Case Closed

CORTESE:

Region: CORTESE  
Fac Address 2: 200 Victory Ct

77  
ESE  
1/4-1/2  
2572 ft.

SUNSET WHOLESALE COMPANY  
105 EMBARCADERO AVE  
OAKLAND, CA 94607

LUST S102438229  
Cortese N/A

Relative:  
Lower

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1742  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Undefined  
Status: Case Closed  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: Not reported

Confirm Leak: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SALVATION ARMY (Continued)**

S104241982

Status : Case Closed  
 CORTESE:  
 Region: CORTESE  
 Fac Address 2: 810 Clay St.

75  
 NNE  
 1/4-1/2  
 2540 ft.

**OAKLAND REDEVELOPMENT AGENCY**  
 11TH ST / WEBSTER ST  
 OAKLAND, CA 94606

LUST S106716080  
 N/A

Relative:  
 Higher

Actual:  
 42 ft.

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: 0  
 Case Number: 01S0177  
 Reg Board: 2  
 Chemical: Xylene  
 Lead Agency: Regional Board  
 Local Agency: 01000L  
 Case Type: Soil only  
 Status: Pollution Characterization  
 Review Date: Not reported  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: Not reported  
 Funding: Not reported  
 Staff Initials: AG  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: Not reported  
 Leak Cause: UNK  
 Leak Source: UNK  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: Not reported  
 Local Case #: Not reported  
 Beneficial: Not reported  
 Staff: BG  
 GW Qualifier: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifier: Not reported  
 Hydr.Basin #: Alameda East Bay (2-  
 Operator: Not reported  
 Oversight Prgrm: Spills, Leaks, Investigations and Cleanup UST  
 Review Date: Not reported  
 Stop Date: Not reported  
 Work Suspended: No  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600191509

Confirm Leak: Not reported  
 Prelim Assess: Not reported  
 Remed Plan: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

BARNHILL CONSTRUCTION COMPANY (Continued)

S103576372

LUST Alameda County:  
Region : ALAMEDA  
Record Id : RO0000681  
Status : Case Closed

73  
North  
1/4-1/2  
2442 ft.

EAST BAY ASIAN LOCAL DEVELOPMENT CORP  
901 WASHINGTON ST  
OAKLAND, CA 94607

HAZNET S104567283  
LUST N/A

Relative:  
Higher

LUST Alameda County:  
Region : ALAMEDA  
Record Id : RO0002713  
Status : Case Closed

Actual:  
39 ft.

HAZNET:  
Gepaid: CAC001426360  
TSD EPA ID: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: 2.45  
Waste Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Contact: EAST BAY ASIAN LOCAL DEVELOP  
Telephone: (000) 000-0000  
Mailing Address: 310 8TH ST STE 200  
OAKLAND, CA 94607  
County 1

74  
NNW  
1/4-1/2  
2498 ft.

SALVATION ARMY  
810 CLAY ST  
OAKLAND, CA 94607

LUST S104241982  
Cortese N/A

Relative:  
Higher

State LUST:  
Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-2472  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected  
Status: Post remedial action monitoring  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: 2000-12-11 00:00:00  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1999-09-08 00:00:00  
Funding: Not reported  
Staff Initials: AG

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

PACIFIC RENAISSANCE PLAZA (Continued)

S102434907

MTBE Conc: 0  
Mtb Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: LOP UPDATE--10/21/93. REQ CASE CLOSURE

LUST Region 2:

Region: 2  
Case Number: 4036  
Facility Id: 01-1126  
Facility Status: Remedial action (cleanup) Underway  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: 4/27/1992  
Prelim. Site Assessment Wokplan Submitted: Not reported  
Preliminary Site Assessment Began: 5/29/1992  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: 11/1/1992  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region: ALAMEDA  
Record Id: RO0000037  
Status: No Action

CORTESE:

Region: CORTESE  
Fac Address 2: 1000 Franklin St

72  
SSW  
1/4-1/2  
2437 ft.

BARNHILL CONSTRUCTION COMPANY  
2394 MARINER SQUARE DR  
ALAMEDA, CA 94501

LUST S103576372  
N/A

Relative:  
Lower

Actual:  
9 ft.

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-2225  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected  
Status: Case Closed  
Review Date: 1996-06-05 00:00:00  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1997-05-13 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported

Confirm Leak: 1996-06-05 00:00:00  
Prelim Assess: Not reported  
Remed Plan: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

EDR ID Number  
EPA ID Number  
Database(s)

**MARINER BOAT YARD (Continued)**

1004439793

Leak Source: UNK  
MTBE Date: 1965-01-02 00:00:00  
Max MTBE GW: 5 Parts per Billion  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 2945  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: <  
Max MTBE Spil: Not reported  
Soil Qualifier: Not reported  
Hydr-Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 2000-09-06 00:00:00  
Stop Date: Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101566  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mibe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

**LUST Region 2:**

Region: 2  
Case Number: 2945  
Facility Id: 01-1695  
Facility Status: Preliminary site assessment underway  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Workplan Submitted: 8/2/1992  
Preliminary Site Assessment Began: 1/2/1965  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region: ALAMEDA  
Record Id: RO0000313  
Status: Not reported

**CORTESE:**

Region: CORTESE  
Fac Address 2: 2415 Mariner Square Dr

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

OHN BEERY ORGANIZATION (Continued)

S100223522

Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested  
Priority: Not reported  
Local Case #: Not reported  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1996-01-24 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100760  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mibe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: MW REQUEST IN 1990

LUST Region 2:

Region: 2  
Case Number: 01-0824  
Facility Id: 01-0824  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: 1/24/1996  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

CORTESE:

Region: CORTESE  
Fac Address 2: 2420 MARINER SQUARE DR



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

O68 MARINER SQUARE LTD  
SSW 2420 MARINER SQUARE DR  
1/4-1/2 ALAMEDA, CA 94501  
2264 ft.

LUST S105688712  
N/A

Site 1 of 3 in cluster O

Relative:  
Lower

State LUST:

Actual:  
9 ft.

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1760  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Undefined  
Status: Case Closed  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1996-05-09 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1993-06-21 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: No  
Leak Cause: UNK  
Leak Source: UNK  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Site NOT Tested for MTBE Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case #: 3715  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1997-04-08 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101628  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 1

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) S101293676  
EPA ID Number

PORT OF OAKLAND/CINEMA PR (Continued)

S101293676

Status Code Definition :	CERTIFIED / OPERATION & MAINTENANCE
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	01730099
AWP Activities Code :	10
DTSC Site Activity Code :	DEED
Activity Code Def:	DEED RESTRICTIONS
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	10151996
Est.# Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	COM
Status Code Definition :	CERTIFIED / OPERATION & MAINTENANCE
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Actvy Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	01730099
AWP Activities Code :	11
DTSC Site Activity Code :	5YEAR
Activity Code Def:	FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	01222002
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	COM
Status Code Definition:	CERTIFIED / OPERATION & MAINTENANCE
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	01730099
AWP Activities Code :	12
DTSC Site Activity Code :	VCOMP
Activity Code Def:	VCA - COMPLETION
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	11181996
Est # Of Person-years To Complete :	0
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	COM
Status Code Definition :	CERTIFIED / OPERATION & MAINTENANCE
Cubic Yards Of Solids Removed At Completion :	0
Gallons Of Liquid Removed Upon Completion :	0
Cubic Yards Of Solids Treated Upon Completion :	0
Activity Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	01730099
AWP Activities Code :	13
DTSC Site Activity Code :	CHP65
Activity Code Def:	AMENDED ORDER/AGREEMENT, CHAPTER 6.5 TRANSITION

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PORT OF OAKLAND/CINEMA PR (Continued)

S101293676

Other ID Desc: CALSTARS CODE  
Alternate Name(s): PORT OF OAKLAND/CINEMA PROJECT  
Alternate Name(s): PORT OF OAKLAND FERRY PARKING  
Address(es): CLAY & EMBARCADERO  
OAKLAND, CA 94706

Background Info : The Port of Oakland remediated this former "town gas" site to construct a movie theatre.

Facility Id : 01730099  
AWP Activities Code : 2  
DTSC Site Activity Code : ORDER  
Activity Code Def: I/SE, IORSE, FFA, FFSRA, VCA, EA  
AWP Activity Id : VCA  
Dt Activity Due For Completion : Not reported  
Revised Due Date : Not reported  
Date Activity Completed : 09191994  
Est # Of Person-years To Complete : 0  
Est. Size Of An Activity Code : Not reported  
Site Status When Activity Commitment Made : COM  
Status Code Definition : CERTIFIED / OPERATION & MAINTENANCE  
Cubic Yards Of Solids Removed At Completion : 0  
Gallons Of Liquid Removed Upon Completion : 0  
Cubic Yards Of Solids Treated Upon Completion : 0  
Actvty Deleted Via Commitmnt/Completns Screen : Not reported  
Facility Id : 01730099  
AWP Activities Code : 3  
DTSC Site Activity Code : PEA  
Activity Code Def: PRELIMINARY ENDANGERMENT ASSESSMENT  
AWP Activity Id : Not reported  
Dt Activity Due For Completion : Not reported  
Revised Due Date : Not reported  
Date Activity Completed : 09191994  
Est # Of Person-years To Complete : 0  
Est. Size Of An Activity Code : Not reported  
Site Status When Activity Commitment Made : COM  
Status Code Definition : CERTIFIED / OPERATION & MAINTENANCE  
Cubic Yards Of Solids Removed At Completion : 0  
Gallons Of Liquid Removed Upon Completion : 0  
Cubic Yards Of Solids Treated Upon Completion : 0  
Actvty Deleted Via Commitmnt/Completns Screen : Not reported  
Facility Id : 01730099  
AWP Activities Code : 5  
DTSC Site Activity Code : CERT  
Activity Code Def: CERTIFICATION  
AWP Activity Id : Not reported  
Dt Activity Due For Completion : Not reported  
Revised Due Date : Not reported  
Date Activity Completed : 11181996  
Est # Of Person-years To Complete : 0  
Est. Size Of An Activity Code : Not reported  
Site Status When Activity Commitment Made : COM  
Status Code Definition : CERTIFIED / OPERATION & MAINTENANCE  
Cubic Yards Of Solids Removed At Completion : 0  
Gallons Of Liquid Removed Upon Completion : 0  
Cubic Yards Of Solids Treated Upon Completion : 0  
Actvty Deleted Via Commitmnt/Completns Screen : Not reported  
Facility Id : 01730099  
AWP Activities Code : 6

**MAP FINDINGS**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**BALCO PROPERTIES (Continued)**

**S102424907**

Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1996-02-14 00:00:00		
Release Date:	Not reported		
Cleanup Fund Id:	Not reported		
Discover Date:	Not reported		
Enforcement Dt:	Not reported		
Enf Type:	Not reported		
Enter Date:	1990-12-14 00:00:00		
Funding:	Federal Funds		
Staff Initials:	AG		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim:	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date:	Not reported		
Max MTBE GW:	Not reported		
MTBE Tested:	Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case #:	3698		
Beneficial:	Not reported		
Staff:	BG		
GW Qualifier:	Not reported		
Max MTBE Soil:	Not reported		
Soil Qualifier:	Not reported		
Hydr Basin #:	Alameda East Bay (2-		
Operator:	Not reported		
Oversight Prgm:	LUST		
Review Date:	1996-08-07 00:00:00		
Stop Date:	Not reported		
Work Suspended:	No		
Responsible Party:	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600100135		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	1		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		
Summary:	ARCHIVED 6/6/96 CONTROL NO 120-073 SRC 0904723		

**LUST Region 2:**

Region:	2
Case Number:	3698
Facility Id:	01-0146
Facility Status:	Case Closed
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST

MAP FINDINGS

Map ID:  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**CHEVRON (Continued)**

**S101580009**

FID:  
 Facility ID: 01000510 Regulate ID: 00062644  
 Reg By: Active Underground Storage Tank Location  
 Cortese Code: Not reported SIC Code: Not reported  
 Status: Active Facility Tel: (415) 832-3921  
 Mail To: Not reported  
 P O BOX  
 OAKLAND, CA 94607  
 Contact: Not reported Contact Tel: Not reported  
 DUNs No: Not reported NPDES No: Not reported  
 Creation: 10/22/93 Modified: 00/00/00  
 EPA ID: Not reported  
 Comments: Not reported

N65  
 ENE  
 1/4-1/2  
 2053 ft.

**T & T AUTO**  
**610 OAK ST**  
**OAKLAND, CA 94607**

**LUST S103576611**  
**N/A**

**Site 2 of 2 in cluster N**

Relative:  
 Higher

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0303  
 Reg Board: 2  
 Chemical: Waste Oil  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Soil only  
 Status: Case Closed  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Review Date: Not reported Confirm Leak: Not reported  
 Workplan: 1993-05-28 00:00:00 Prelim Assess: 1993-05-28 00:00:00  
 Pollution Char: Not reported Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: 1995-03-01 00:00:00  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: 1992-10-05 00:00:00  
 Enf Type: EF  
 Enter Date: 1993-01-12 00:00:00  
 Funding: Federal Funds  
 Staff Initials: AG  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: Yes  
 Leak Cause: UNK  
 Leak Source: UNK  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: Not reported  
 Local Case #: 689  
 Beneficial: Not reported  
 Staff: BG

Actual:  
 23 ft.

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

**N64** CHEVRON  
**East** 609 OAK ST  
**1/4-1/2** OAKLAND, CA 94607  
**2047 ft.**

**LUST** S101580009  
**CA FID UST** N/A

**Site 1 of 2 in cluster N**

**Relative:**  
**Higher**  
  
**Actual:**  
**23 ft.**

**State LUST:**  
Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-0382  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected.  
Status: Remedial action (cleanup) Underway  
Abate Method: Remove Free Product - remove floating product from water table, Pump and Treat Ground Water - generally employed to remove dissolved contaminants

Review Date: 1992-07-20 00:00:00      Confirm Leak: 1992-07-20 00:00:00  
Workplan: 1983-07-01 00:00:00      Prelm Assess: 1983-07-01 00:00:00  
Pollution Char: Not reported      Remed Plan: Not reported  
Remed Action: 1965-01-02 00:00:00  
Monitoring: Not reported  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: 1992-07-20 00:00:00  
Enf Type: EF  
Enter Date: 1990-04-27 00:00:00  
Funding: Federal Funds  
Staff Initials: BC  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: 1965-01-02 00:00:00  
Max MTBE GW: 4000 Parts per Billion  
MTBE Tested: MTBE Detected, Site tested for MTBE & MTBE detected.  
Priority: Not reported  
Local Case #: 4037  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 2001-03-29 00:00:00  
Stop Date: Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100351  
Org Name: Not reported  
Contact Person: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PEERLESS COFFEE (Continued)

S102435051

Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0001201  
Status : Case Closed

CORTESE:

Region: CORTESE  
Fac Address 2: 225 Fallon St

63  
North  
1/4-1/2  
2034 ft.

SHELL  
461 8TH ST  
OAKLAND, CA 94607

LUST S101293813  
Cortese N/A

Relative:  
Higher

Actual:  
37 ft.

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1368  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected  
Status: Pollution Characterization  
Abate Method: Remove Free Product - remove floating product from water table  
Review Date: Not reported  
Workplan: 1979-01-31 00:00:00  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: 1992-07-21 00:00:00  
Enf Type: EF  
Enter Date: 1989-07-10 00:00:00  
Funding: Federal Funds  
Staff Initials: BC  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: 1965-01-02 00:00:00  
Max MTBE GW: 3700 Parts per Billion  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 4254  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST

Confirm Leak: Not reported  
Prelim Assess: 1979-01-31 00:00:00  
Remed Plan: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft):  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**SOUTHERN PACIFIC TRANSPORT VUKASIN (Continued)**

**S102859633**

Date Closed: Not reported  
 Local Case #: Not reported  
 How Discovered: Not reported  
 Leak Cause: Not reported  
 Leak Source: Not reported  
 Date Confirmed: Not reported  
 Date Prelim Site Assmnt Workplan Submitted: Not reported  
 Date Preliminary Site Assessment Began: Not reported  
 Date Pollution Characterization Began: Not reported  
 Date Remediation Plan Submitted: Not reported  
 Date Remedial Action Underway: Not reported  
 Date Post Remedial Action Monitoring Began: Not reported

M60  
 SE  
 1/4-1/2  
 2015 ft.

**VUKASIN/SOUTHERN PACIFIC TRANS**  
**54 EMBARCADERO AT FALLON**  
**OAKLAND, CA 92626**

Notify 65 S100178704  
 N/A

Site 2 of 3 in cluster M

Relative:  
 Lower

NOTIFY 65:  
 Date Reported: Not reported Staff Initials: Not reported

Actual:  
 9 ft.

Board File Number: Not reported  
 Facility Type: Not reported  
 Discharge Date: Not reported  
 Incident Description: 92626

M61  
 SE  
 1/4-1/2  
 2015 ft.

**VUKASIN PROPERTY**  
**54 EMBARCADERO ST**  
**OAKLAND, CA**

Cortese S102440985  
 N/A

Site 3 of 3 in cluster M

Relative:  
 Lower

CORTESE:  
 Region: CORTESE  
 Fac.Address 2: 54 EMBARCADERO ST

Actual:  
 9 ft.

62  
 ESE  
 1/4-1/2  
 2021 ft.

**PEERLESS COFFEE**  
**225 FALLON ST**  
**OAKLAND, CA 94577**

LUST S102435051  
 Cortese N/A

Relative:  
 Lower

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1146  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Other ground water affected  
 Status: Case Closed  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Actual:  
 12 ft.

Review Date: Not reported Confirm Leak: Not reported  
 Workplan: 1991-06-13 00:00:00 Prelim Assess: 1991-06-13 00:00:00  
 Pollution Char: Not reported Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

**57**      **BART CORPORATION YARD**  
**NNW**      **540 7TH ST E**  
**1/4-1/2**      **OAKLAND, CA 96920**  
**1908 ft.**

**LUST**      **S103890850**  
**Cortese**      **N/A**

**Relative:**  
**Higher**

**Actual:**  
**32 ft.**

**State LUST:**  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0149  
 Reg Board: 2  
 Chemical: Diesel  
 Lead Agency: Regional Board  
 Local Agency: 01000L  
 Case Type: Soil only  
 Status: Case Closed  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: 1995-09-29 00:00:00  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1989-04-21 00:00:00  
 Funding: Federal Funds  
 Staff Initials: AG  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: No  
 Leak Cause: Structure Failure  
 Leak Source: Tank  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: Not reported  
 Local Case #: Not reported  
 Beneficial: Not reported  
 Staff: BG  
 GW Qualifier: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifier: Not reported  
 Hydr Basin #: Alameda East Bay (2-  
 Operator: Not reported  
 Oversight Prgm: LUST  
 Review Date: 1995-09-29 00:00:00  
 Stop Date: Not reported  
 Work Suspended: No  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600100138  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mtbe Fuel: 0  
 Water System Name: Not reported

Confirm Leak: Not reported  
 Prelim Assess: Not reported  
 Remed Plan: Not reported

MAP FINDINGS

Map ID:  
Direction:  
Distance:  
Distance (ft.):  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

SHELL (Continued)

S105035865

CORTESE:

Region: CORTESE  
Fac Address 2: 105 5TH ST

55  
NW  
1/4-1/2  
1862 ft.

ALLIED FOOD SALES  
333 CLAY ST  
OAKLAND, CA 94607

LUST S103472336  
Cortese N/A

Relative:  
Higher

Actual:  
16 ft.

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1174  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected  
Status: Case Closed  
Abate Method: No Action Taken.- no action has as yet been taken at the site  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1996-10-30 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1992-11-25 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: No  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case #: 5545  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1997-04-16 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101082

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**54**  
**East**  
**1/4-1/2**  
**1817 ft.**

**SHELL**  
**105 5TH ST**  
**OAKLAND, CA 94607**

**HAZNET** **S105035865**  
**LUST** **N/A**  
**Cortese**

**Relative:**  
**Higher**

**Actual:**  
**17 ft.**

**State LUST:**

Cross Street: JACKSON ST  
 Qty Leaked: Not reported  
 Case Number: 01-2300  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment workplan submitted  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Review Date: Not reported  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1998-03-16 00:00:00  
 Funding: Not reported  
 Staff Initials: AG  
 How Discovered: OM  
 How Stopped: Not reported  
 Interim: Not reported  
 Leak Cause: UNK  
 Leak Source: Piping  
 MTBE Date: 1965-01-02 00:00:00  
 Max MTBE GW: 324000 Parts per Billion  
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
 Priority: Not reported  
 Local Case #: 3849  
 Beneficial: Not reported  
 Staff: BG  
 GW Qualifier: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifier: Not reported  
 Hydr Basin #: Alameda East Bay (2-  
 Operator: Not reported  
 Oversight Prgm: LUST  
 Review Date: 2001-04-03 00:00:00  
 Stop Date: Not reported  
 Work Suspended: No  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600102116  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 1  
 Mtbe Fuel: 1

Confirm Leak: Not reported  
 Prelim Assess: Not reported  
 Remed Plan: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BILL LOUIE'S AUTO SERVICE (Continued)**

**S101624352**

GW Qualifier : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifier : Not reported  
 Hydr Basin #: Alameda East Bay (2-  
 Operator : Not reported  
 Oversight Prgm: LUST  
 Review Date : 2001-03-29 00:00:00  
 Stop Date : Not reported  
 Work Suspended No  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600100050  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 1  
 Mbe Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To Lust: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported  
 Summary : 1/21 SSIR, UPDATED FROM LOP

**LUST Region 2:**

Region: 2  
 Case Number: 37  
 Facility Id: 01-0056  
 Facility Status: Preliminary site assessment underway  
 How Discovered: TC  
 Leak Cause: Structure Failure  
 Leak Source: Tank  
 Oversight Program: LUST  
 Date Leak Confirmed: Not reported  
 Prelim. Site Assessment Wokplan Submitted: Not reported  
 Preliminary Site Assessment Began: 9/12/1989  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region : ALAMEDA  
 Record Id : RO0000196  
 Status : Leak being confirmed

Region : ALAMEDA  
 Record Id : RO0000196  
 Status : Not reported

Region : ALAMEDA  
 Record Id : RO0000196  
 Status : Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

**OAKLAND FIRE STATION #12 (Continued)**

**U003713310**

Review Date: Not reported  
Workplan: 1989-11-02 00:00:00  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1995-06-09 00:00:00  
Release Date: Not reported  
Cleanup Fund Id : Not reported  
Discover Date : Not reported  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 1989-06-06 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim : Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: 3709  
Beneficial: Not reported  
Staff : BG  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 1995-06-20 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100576  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtb Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : ARCHIVED 6/6/96 CONTROL NO 120-079 SRC 0904729

Confirm Leak: Not reported  
Prelim Assess: 1989-11-02 00:00:00  
Remed Plan: Not reported

**LUST Region 2:**

Region: 2  
Case Number: 3709  
Facility Id: 01-0626  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

L51 VIC'S AUTOMOTIVE SERVICE  
NE 245 8TH ST  
1/4-1/2 OAKLAND, CA 94706  
1752 ft.

LUST S102657129  
Cortese N/A

Site 2 of 3 in cluster L

Relative:  
Higher

State LUST:

Actual:  
34 ft.

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1244  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected  
Status: Preliminary site assessment underway  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Confirm Leak: Not reported  
Prelim Assess: 1965-01-02 00:00:00  
Remed Plan: Not reported

Review Date: Not reported  
Workplan: 1965-01-02 00:00:00  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1993-06-16 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: UNK  
Leak Source: UNK  
MTBE Date: 1965-01-02 00:00:00  
Max MTBE GW: 27000 Parts per Billion  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 263  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 2001-04-03 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101143  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

EXXON (Continued)

S101580030

Local Agency : 01000L  
Case Type: Other ground water affected  
Status: Remedial action (cleanup) Underway  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: 1992-11-01 00:00:00  
Monitoring: Not reported  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id : Not reported  
Discover Date : Not reported  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 1992-06-30 00:00:00  
Funding: Federal Funds  
Staff Initials: BC  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim : Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date : 2001-10-25 00:00:00  
Max MTBE GW : 66 Parts per Billion  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 1585  
Beneficial: Not reported  
Staff : BG  
GW Qualifier : =  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basln #: Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 2001-08-15 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600100535  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 3  
Mibe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : MAXGW=GASOLINE. HYDROGEN PEROXIDE INJECTION WELLS INSTALLED  
3/17/99. CURRENT MTBE DATE:7/17/01, FP IN MW-3. WP SUBMITTED  
2/14/01.

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**BUILDING H 209 (Continued)**

**S103723094**

How Discovered: TC  
 Leak Cause: UNK  
 Leak Source: UNK  
 Oversight Program: LUST  
 Date Leak Confirmed: 10/30/1997  
 Prelim. Site Assessment Workplan Submitted: 1/2/1965  
 Preliminary Site Assessment Began: Not reported  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: Not reported

**CORTESE:**

Region: CORTESE  
 Fac Address 2: 271 8TH ST

**49**  
**East**  
**1/4-1/2**  
**1731 ft.**

**POST TOOL**  
**400 OAK ST**  
**OAKLAND, CA 94607**

**LUST S102435424**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**15 ft.**

**State LUST:**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1781  
 Reg Board: 2  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Soil only  
 Status: Case Closed  
 Abate Method: Cap Site - install horizontal impermeable layer to reduce rainfall infiltration, Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Review Date: 1993-02-10 00:00:00  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: 1994-01-05 00:00:00  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1993-06-21 00:00:00  
 Funding: Federal Funds  
 Staff Initials: AG  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: Yes  
 Leak Cause: UNK  
 Leak Source: UNK  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: Not reported  
 Local Case #: 3720

Confirm Leak: 1993-02-10 00:00:00  
 Prelim Assess: Not reported  
 Remed Plan: Not reported



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**UNION MACHINE WORKS OF OAKLAND (Continued)**

**S106715992**

Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: 1997-04-24 00:00:00  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1990-12-20 00:00:00  
 Funding: Federal Funds  
 Staff Initials: AG  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: No  
 Leak Cause: Structure Failure  
 Leak Source: Tank  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
 Priority: Not reported  
 Local Case #: Not reported  
 Beneficial: Not reported  
 Staff: BG  
 GW Qualifier: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifier: Not reported  
 Hydr Basin #: Alameda East Bay (2-  
 Operator: Not reported  
 Oversight Prgm: LUST  
 Review Date: 1997-05-14 00:00:00  
 Stop Date: Not reported  
 Work Suspended No  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600101420  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mtb Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To LUST: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported  
 Summary: ARCHIVED 11/1/96 CONTROL NO 120-105 SRC 0904755

Prelim Assess: Not reported  
 Remed Plan: Not reported

48  
 NE  
 1/4-1/2  
 1707 ft.

**BUILDING H 209  
 271 8TH ST  
 OAKLAND, CA 94606**

**LUST S103723094  
 Cortese N/A**

Relative: Higher  
 Actual: 35 ft.

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-2401  
 Reg Board: 2  
 Chemical: Diesel

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s)  
EDR ID Number  
EPA ID Number

UNOCAL (Continued)

1000167097

Gepaid: CAD982054280  
TSD EPA ID: CAD083166728  
Gen County: 1  
Tsd County: Stanislaus  
Tons: .8340  
Waste Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Contact: UNION OIL COMPANY OF CALIFORNI  
Telephone: (714) 428-6560  
Mailing Address: PO BOX 25376  
SANTA ANA, CA 92799 - 5376  
County: 1

CORTESE:  
Region: CORTESE  
Fac Address 2: 800 HARRISON ST

UST HIST:

Facility ID: 31763  
Total Tanks: 3  
Owner Address: 1 CALIFORNIA ST. SUITE 2700  
SAN FRANCISCO, CA 94111

Owner Name: UNION OIL CO.  
Region: STATE

Tank Used for: PRODUCT  
Tank Num: 1  
Tank Capacity: 00010000  
Type of Fuel: UNLEADED  
Leak Detection: Stock Inventor  
Contact Name: CHESTER C. U. LAU  
Facility Type: Gas Station

Container Num: 0752-1-1  
Year Installed: 1967  
Tank Construction: Not Reported

Telephone: (415) 832-7838  
Other Type: Not reported

Facility ID: 31763  
Total Tanks: 3  
Owner Address: 1 CALIFORNIA ST. SUITE 2700  
SAN FRANCISCO, CA 94111

Owner Name: UNION OIL CO.  
Region: STATE

Tank Used for: PRODUCT  
Tank Num: 2  
Tank Capacity: 00010000  
Type of Fuel: PREMIUM  
Leak Detection: Stock Inventor  
Contact Name: CHESTER C. U. LAU  
Facility Type: Gas Station

Container Num: 0752-2-1  
Year Installed: 1967  
Tank Construction: Not Reported

Telephone: (415) 832-7838  
Other Type: Not reported

Facility ID: 31763  
Total Tanks: 3  
Owner Address: 1 CALIFORNIA ST. SUITE 2700  
SAN FRANCISCO, CA 94111

Owner Name: UNION OIL CO.  
Region: STATE

Tank Used for: WASTE  
Tank Num: 3  
Tank Capacity: 00000280  
Type of Fuel: WASTE OIL  
Leak Detection: Stock Inventor  
Contact Name: CHESTER C. U. LAU  
Facility Type: Gas Station

Container Num: 0752-4-1  
Year Installed: Not reported  
Tank Construction: Not Reported

Telephone: (415) 832-7838  
Other Type: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

**UNOCAL (Continued)**

**1000167097**

Discover Date : Not reported  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 1990-12-14 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim : Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date : 1985-01-02 00:00:00  
Max MTBE GW : 20000 Parts per Billion  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 918  
Beneficial: Not reported  
Staff : BG  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 2001-08-02 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101486  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mibe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: 2/10 QR. CONTAM UP. 4TH QUARTER SUMMARY RECEIVED 1/25/01.

**LUST Region 2:**

Region: 2  
Case Number: 918  
Facility Id: 01-1611  
Facility Status: Pollution Characterization  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Wokplan Submitted: Not reported  
Preliminary Site Assessment Began: 6/1/1991  
Pollution Characterization Began: 12/4/1991  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

ALAMEDA CTY HEALTH HEADQUARTERS (Continued)

S105870881

Status: Case Closed  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
Review Date: 1992-12-03 00:00:00  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1997-01-08 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: 1992-02-03 00:00:00  
Enf Type: EF  
Enter Date: 1993-06-22 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case #: 4244  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1999-05-18 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101591  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtb Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: ARCHIVED 6/6/96 CONTROL NO 120-092 SRC 0904742

LUST Region 2:

Region: 2  
Case Number: 4244  
Facility Id: 01-1720  
Facility Status: Case Closed  
How Discovered: TC



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

38 KTVU-TV  
 West 2 JACK LONDON SQUARE  
 1/4-1/2 OAKLAND, CA 94607  
 1534 ft.

RCRA-SQG 1000423958  
 FINDS CAD004275665  
 HAZNET  
 LUST  
 Cortese  
 CA FID-UST  
 HIST UST

Relative:  
 Lower

Actual: 9 ft.  
 RCRAInfo:  
 Owner: NOT REQUIRED  
 (415) 555-1212  
 EPA ID: CAD004275665  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

FINDS:  
 Other Pertinent Environmental Activity Identified at Site:  
 Resource Conservation and Recovery Act Information system

LUST Alameda County:  
 Region : ALAMEDA  
 Record Id : RO0001013  
 Status : Case Closed

HAZNET:  
 Gepaid: CAD004275665  
 TSD EPA ID: CAD982446890  
 Gen County: 1  
 Tsd County: San Joaquin  
 Tons: 1459  
 Waste Category: Waste oil and mixed oil  
 Disposal Method: Transfer Station  
 Contact: Not reported  
 Telephone: (000) 000-0000  
 Mailing Address: 2 JACK LONDON SQ  
 OAKLAND, CA 94607 - 3727  
 County: 1

Gepaid: CAD004275665  
 TSD EPA ID: CAD009452657  
 Gen County: 1  
 Tsd County: San Mateo  
 Tons: 2167  
 Waste Category: Aqueous solution with 10% or more total organic residues  
 Disposal Method: Recycler  
 Contact: Not reported  
 Telephone: (000) 000-0000  
 Mailing Address: 2 JACK LONDON SQ  
 OAKLAND, CA 94607 - 3727  
 County: 1

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

**EXPRESS AUTO SERVICE (Continued)**

**S101580028**

Workplan: 1993-07-14 00:00:00 Prelim Assess: 1993-07-14 00:00:00  
Pollution Char: Not reported Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1996-08-27 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: 1992-07-15 00:00:00  
Enf Type: EF  
Enter Date: 1992-12-30 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: 1452  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1996-09-03 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100013  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtb Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: LOP UPDATE--10/21/93;REQ CASE CLOSURE-05/31/96. 12/8/95 URF

**LUST Region 2:**

Region: 2  
Case Number: 1452  
Facility Id: 01-0017  
Facility Status: Case Closed  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: 7/15/1992

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

**MAP FINDINGS**

Database(s)  
 EDR ID Number  
 EPA ID Number

**SHELL (Continued)**

**S101580397**

Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1998-03-16 00:00:00  
 Funding: Not reported  
 Staff Initials: AG  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: Yes  
 Leak Cause: UNK  
 Leak Source: UNK  
 MTBE Date: 2001-07-17 00:00:00  
 Max MTBE GW: 35000 Parts per Billion  
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
 Priority: Not reported  
 Local Case #: 39  
 Beneficial: Not reported  
 Staff: BG  
 GW Qualifier: =  
 Max MTBE Soil: Not reported  
 Soil Qualifier: Not reported  
 Hydr Basin #: Alameda East Bay (2-  
 Operator: Not reported  
 Oversight Prgm: LUST  
 Review Date: 2001-05-14 00:00:00  
 Stop Date: Not reported  
 Work Suspended: No  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600102122  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 4  
 Mtb Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To LUST: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported  
 Summary: CURRENT MTBE DATE:4/5/01. MAXGW/SOIL=GASOLINE. MTBE AT NEW HIGH 4/5/01.

**LUST Region 2:**

Region: 2  
 Case Number: 39  
 Facility Id: 01-2307  
 Facility Status: Pollution Characterization  
 How Discovered: TC  
 Leak Cause: UNK  
 Leak Source: UNK  
 Oversight Program: LUST  
 Date Leak Confirmed: Not reported  
 Prelim. Site Assessment Wokplan Submitted: Not reported  
 Preliminary Site Assessment Began: Not reported  
 Pollution Characterization Began: 3/16/1998  
 Pollution Remediation Plan Submitted: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OAKLAND AUTO PARTS (Continued)

S101624367

Enter Date : 1991-10-21 00:00:00  
Funding: Federal Funds  
Staff Initials: Not reported  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim : No  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date : 1965-01-02 00:00:00  
Max MTBE GW : 2300 Parts per Billion  
MTBE Tested: MTBE Detected, Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 3749  
Beneficial: Not reported  
Staff : BG  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 1997-10-07 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600100985  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

LUST Region 2:

Region: 2  
Case Number: 3749  
Facility Id: 01-1068  
Facility Status: Preliminary site assessment underway  
How Discovered: TC  
Leak Cause: Structure Failure  
Leak Source: Tank  
Oversight Program: LUST  
Date Leak Confirmed: Not reported  
Prelim. Site Assessment Workplan Submitted: 4/22/1991  
Preliminary Site Assessment Began: 1/2/1965  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0000484

**MAP FINDINGS**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**33** ASIAN HEALTH SERVICES  
**NNE** 814 WEBSTER ST  
**1/4-1/2** OAKLAND, CA 94607  
**1420 ft.**

**HAZNET** S102797315  
**VCP** N/A

**Relative:**  
**Higher**

**VCP:**

**Actual:**  
**33 ft.**

Facility ID : 01800002  
 Dtsr Region Code : 2  
 Region Code Definition : BERKELEY  
 County Code : 01  
 Site Name Under : Not reported  
 Current Status Date : 07271995  
 Current Status Code : NA  
 Current Status : NO ACTION - FOR CALMORTGAGE ONLY  
 Lead Agency Code : DTSC  
 Lead Agency : DEPT OF TOXIC SUBSTANCES CONTROL  
 Site Type Code : CMORT  
 Site Type : CALMORTGAGE ONLY  
 National Priorities List : Not reported  
 Tier : Not reported  
 Source Of Funding Code : Not reported  
 Staff Member : SKARINEN  
 Supervisor : Not reported  
 Sic Code : 80  
 Sic Code Definition : HEALTH SERVICES  
 Site Mitigatn & Brnlds Reuse Prog (SMBR) Code : CM  
 SMBR Branch : CALMORTGAGE  
 Regional Water Quality Control Board : SF  
 RWQCB Definition : SAN FRANCISCO BAY  
 Site Access Controlled : Not reported  
 Listed In Haz Wst & Substncs Sites List (CORTESE) : Not reported  
 Date Hazard Ranked : Not reported  
 GW Contamination Suspected : Not reported  
 # Of Sources Contributing To Contamination : 0  
 Lat/Long : 0° 0' 0" / 0° 0' 0"  
 Direction Lat : Not reported  
 Direction Long : Not reported  
 Lat/long Method : Not reported  
 Entity Lat/long Coordinates Refer To : Not reported  
 State Assembly Distt Code : Not reported  
 State Senate Distt Code : Not reported  
 Identifying Code : CSTAR  
 ID Value : 200630  
 Other ID Desc : CALSTARS CODE  
 Alternate Name(s) : ASIAN HEALTH SERVICES  
 Address(es) : 814 WEBSTER STREET  
 OAKLAND, CA 94607  
 Background Info : Not reported  
 Facility Id : 01800002  
 AWP Activities Code : 1  
 DTSC Site Activity Code : PHSE1  
 Activity Code Def : PHASE 1 - CALMORTGAGE AND SCHOOL SITE PROPERTIES  
 AWP Activity Id : SUPPL  
 Dt Activity Due For Completion : Not reported  
 Revised Due Date : Not reported  
 Date Activity Completed : 07271995  
 Est # Of Person-years To Complete : 0  
 Est. Size Of An Activity Code : Not reported  
 Site Status When Activity Commitment Made : NA

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

LAKESIDE NON-FERROUS META (Continued)

S103472374

GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 1998-09-30 00:00:00  
Stop Date : Not reported  
Work Suspended No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0608102245  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtb Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : NEW CASE PER ACHD UPDATE - 9/98.

LUST Region 2:

Region: 2  
Case Number: 2048  
Facility Id: 01-2436  
Facility Status: Preliminary site assessment underway  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: 7/9/1996  
Prelim. Site Assessment Wokplan Submitted: Not reported  
Preliminary Site Assessment Began: 1/2/1965  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : RO0000244  
Status : Leak being confirmed

Region : ALAMEDA  
Record Id : RO0000244  
Status : Not reported

HAZNET:

Gepaid: CAD028797561  
TSD EPA ID: CAD053044053  
Gen County: 1  
Tsd County: 1  
Tons: .0499  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Transfer Station  
Contact: LAKESIDE NON-FERROUS METALS  
Telephone: (510) 444-5466

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PORT OF OAKLAND/LOT 12 (Continued)

S101641545

Assigned Name : SLICSITE  
Lead Agency Contact : Not reported  
Lead Agency : Not reported  
Lead Agency Case Number : Not reported  
Responsible Party : UNKNOWN  
Recent Dtw : Not reported  
Substance Released : Not reported

SLIC Region 2:

Facility ID: SLT2O143149  
Region: 2  
Facility Status: 1  
Date Closed: Not reported  
Local Case #: Not reported  
How Discovered: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
Date Confirmed: Not reported  
Date Prelim Site Assmnt Workplan Submitted: Not reported  
Date Preliminary Site Assessment Began: Not reported  
Date Pollution Characterization Began: Not reported  
Date Remediation Plan Submitted: Not reported  
Date Remedial Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

G30  
West  
1/8-1/4  
1286 ft.

SALTY DOG (GAS DOCK)  
53 JACK LONDON SQ  
OAKLAND, CA 94607

HIST UST U001599218  
N/A

Site 2 of 3 in cluster G

Relative:  
Lower

UST HIST:

Facility ID: 59962  
Total Tanks: 2  
Owner Address: 66 JACK LONDON SQUARE  
OAKLAND, CA 94607

Tank Used for: PRODUCT  
Tank Num: 1  
Tank Capacity: 00006000  
Type of Fuel: DIESEL  
Leak Detection: Stock Inventor  
Contact Name: NEIL WEINBERG  
Facility Type: Other

Facility ID: 59962  
Total Tanks: 2  
Owner Address: 66 JACK LONDON SQUARE  
OAKLAND, CA 94607

Tank Used for: PRODUCT  
Tank Num: 2  
Tank Capacity: 00006000  
Type of Fuel: DIESEL  
Leak Detection: Stock Inventor  
Contact Name: NEIL WEINBERG  
Facility Type: Other

Owner Name: PORT OF OAKLAND  
Region: STATE

Container Num: 1  
Year Installed: Not reported  
Tank Construction: Not Reported

Telephone: (415) 452-2563  
Other Type: MOTOR BOAT FUEL STAT

Owner Name: PORT OF OAKLAND  
Region: STATE

Container Num: 2  
Year Installed: Not reported  
Tank Construction: Not Reported

Telephone: (415) 452-2563  
Other Type: MOTOR BOAT FUEL STAT

**MAP FINDINGS**

Map ID							
Direction							
Distance							
Distance (ft.)							EDR ID Number
Elevation	Site				Database(s)		EPA ID Number

**REYNOLDS FAMILY TRUST 201 4TH (Continued)**

1004676157

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Resource Conservation and Recovery Act Information system

**26** ALAMEDA COUNTY PROBATION CENTER  
**NW** 400 BROADWAY  
**1/8-1/4** OAKLAND, CA 94607  
**1185 ft.**

**UST** U003804445  
N/A

**Relative:** State UST:  
**Higher** Facility ID: 104  
Total Tanks: 1  
**Actual:** Region: STATE  
**20 ft.** Local Agency: 1060

**27** SHELL OIL COMPANY  
**ENE** 105 005TH ST  
**1/8-1/4** OAKLAND, CA 94607  
**1204 ft.**

**CA FID UST** S101630364  
N/A

<b>Relative:</b> <b>Higher</b>	<b>FID:</b> Facility ID: 01002750 Reg By: Active Underground Storage Tank Location Cortese Code: Not reported Status: Active Mail To: Not reported 105 005TH ST OAKLAND, CA 94607	<b>Regulate ID:</b> 00056698 <b>SIC Code:</b> Not reported <b>Facility Tel:</b> (415) 839-0784
<b>Actual:</b> <b>19 ft.</b>	<b>Contact:</b> Not reported <b>DUNs No:</b> Not reported <b>Creation:</b> 10/22/93 <b>EPA ID:</b> Not reported <b>Comments:</b> Not reported	<b>Contact Tel:</b> Not reported <b>NPDES No:</b> Not reported <b>Modified:</b> 00/00/00

**G28** HYDRANT FUELING SYSTEM  
**West** 66 JACK LONDON SQ  
**1/8-1/4** OAKLAND, CA 94621  
**1231 ft.**

**CA FID:UST** S101580395  
N/A

Site 1 of 3 in cluster G

<b>Relative:</b> <b>Lower</b>	<b>FID:</b> Facility ID: 01002766 Reg By: Active Underground Storage Tank Location Cortese Code: Not reported Status: Active Mail To: Not reported 66 JACK LONDON SQ OAKLAND, CA 94621	<b>Regulate ID:</b> 00058422 <b>SIC Code:</b> Not reported <b>Facility Tel:</b> (415) 444-3188
<b>Actual:</b> <b>9 ft.</b>	<b>Contact:</b> Not reported <b>DUNs No:</b> Not reported <b>Creation:</b> 10/22/93 <b>EPA ID:</b> Not reported <b>Comments:</b> Not reported	<b>Contact Tel:</b> Not reported <b>NPDES No:</b> Not reported <b>Modified:</b> 00/00/00

Map ID  
Direction  
Distance:  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

UNITED BEVERAGE (Continued)

S101624397

Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: FROM LOP LIST

LUST Region 2:

Region: 2  
Case Number: 4004  
Facility Id: 01-1707  
How Discovered: Preliminary site assessment underway  
Leak Cause: TC  
Leak Source: UNK  
Oversight Program: UNK  
Date Leak Confirmed: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 1/2/1965  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region: ALAMEDA  
Record Id: RO0000034  
Status: Case Closed

CORTESE:

Region: CORTESE  
Fac Address 2: 105 Jackson St

FID:

Facility ID: 01001655 Regulate ID: 00018670  
Reg By: Active Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Active Facility Tel: (415) 832-6081  
Mail To: Not reported  
105 JACKSON ST  
OAKLAND, CA 94607  
Contact: Not reported Contact Tel: Not reported  
DUNs No: Not reported NPDES No: Not reported  
Creation: 10/22/93 Modified: 00/00/00  
EPA ID: Not reported  
Comments: Not reported

23  
NW  
1/8-1/4  
928 ft.

PACIFIC RIM  
1338 CYPRESS AVE AT MANDELA PK  
OAKLAND, CA 94607

RCRA-SQG 1000985175  
FINDS CA0001012269

Relative:  
Higher

Actual:  
16 ft.

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

Database(s) EDR ID Number  
EPA ID Number

**EAST BAY PACKING COMPANY (Continued)**

S101624364

Date Leak Confirmed: 7/9/1990  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 8/8/1990  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

**LUST Alameda County:**

Region : ALAMEDA  
Record Id : RO0000012  
Status : Case Closed

**CORTESE:**

Region: CORTESE  
Fac Address 2: 208 JACKSON ST

**FID:**

Facility ID:	01000663	Regulate ID:	CAC000257
Reg By:	Inactive Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(415) 465-7700
Status:	Inactive		
Mail To:	Not reported		
	208 JACKSON ST		
	OAKLAND, CA 94607		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

F21  
SE  
1/8-1/4  
886 ft.

**UNITED BEVERAGE DISTRIBUTORS**  
105 JACKSON ST  
OAKLAND, CA 94607

HIST UST U001599231  
N/A

**Site 1 of 2 in cluster F**

Relative:  
Lower

**UST HIST:**

Actual:  
11 ft:

Facility ID: 18670  
Total Tanks: 1  
Owner Address: 105 JACKSON ST.  
OAKLAND, CA 94607  
Tank Used for: PRODUCT  
Tank Num: 1  
Tank Capacity: 00002000  
Type of Fuel: REGULAR  
Leak Detection: Visual  
Contact Name: JOHN ROVEDA  
Facility Type: Other

Owner Name: UNITED BEVERAGE DISTRIBUTORS  
Region: STATE

Container Num: 1  
Year Installed: Not reported  
Tank Construction: Not Reported

Telephone: (415) 832-6081  
Other Type: BEER WHOLESALE DISTR

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Database(s)  
 EDR ID Number  
 EPA ID Number

**E19** EAST BAY PACKING COMPANY  
**ESE** 208 JACKSON ST  
 1/8-1/4 OAKLAND, CA 94607  
 862 ft.

HIST UST U001599171  
 N/A

Site 5 of 6 in cluster E

Relative:  
 Lower

UST HIST:

Actual:  
 12 ft.

Facility ID: 13320  
 Total Tanks: 3  
 Owner Address: 208 JACKSON ST.  
 OAKLAND, CA 94607  
 Tank Used for: PRODUCT  
 Tank Num: 1  
 Tank Capacity: 00008000  
 Type of Fuel: PREMIUM  
 Leak Detection: Stock Inventor  
 Contact Name: GILBERT GRANUCCI  
 Facility Type: Other

Owner Name: EAST BAY PACKING CO., INC.  
 Region: STATE

Container Num: 2324  
 Year Installed: 1972  
 Tank Construction: Not Reported

Telephone: (415) 465-7700  
 Other Type: Not reported

Facility ID: 13320  
 Total Tanks: 3  
 Owner Address: 208 JACKSON ST.  
 OAKLAND, CA 94607  
 Tank Used for: PRODUCT  
 Tank Num: 2  
 Tank Capacity: 00010000  
 Type of Fuel: UNLEADED  
 Leak Detection: Stock Inventor  
 Contact Name: GILBERT GRANUCCI  
 Facility Type: Other

Owner Name: EAST BAY PACKING CO., INC.  
 Region: STATE

Container Num: 2325  
 Year Installed: 1978  
 Tank Construction: Not Reported

Telephone: (415) 465-7700  
 Other Type: Not reported

Facility ID: 13320  
 Total Tanks: 3  
 Owner Address: 208 JACKSON ST.  
 OAKLAND, CA 94607  
 Tank Used for: PRODUCT  
 Tank Num: 3  
 Tank Capacity: 00010000  
 Type of Fuel: DIESEL  
 Leak Detection: Stock Inventor  
 Contact Name: GILBERT GRANUCCI  
 Facility Type: Other

Owner Name: EAST BAY PACKING CO., INC.  
 Region: STATE

Container Num: 2326  
 Year Installed: 1980  
 Tank Construction: Not Reported

Telephone: (415) 465-7700  
 Other Type: Not reported

**E20** EAST BAY PACKING COMPANY  
**ESE** 208 JACKSON ST  
 1/8-1/4 OAKLAND, CA 94607  
 862 ft.

LUST S101624364  
 Cortese N/A  
 CA FID UST

Site 6 of 6 in cluster E

Relative:  
 Lower

State LUST:

Actual:  
 12 ft.

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0533  
 Reg Board: 2  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment underway  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site



Map-ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MILLER PACKING (Continued)

S105036336

Staff : BG  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : 1998-09-25 00:00:00  
Stop Date : Not reported  
Work Suspended : No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102305  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : NEW CASE PER ACHD UPDATE - 9/98.

LUST Region 2:

Region: 2  
Case Number: 3700  
Facility Id: 21-2395  
Facility Status: Preliminary site assessment underway  
How Discovered: TC  
Leak Cause: UNK  
Leak Source: UNK  
Oversight Program: LUST  
Date Leak Confirmed: 3/3/1992  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 1/2/1965  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Remediation Action Underway: Not reported

LUST Alameda County:

Region : ALAMEDA  
Record Id : R00000003  
Status : Case Closed

HAZNET:

Gepaid: CAC000912624  
TSD EPA ID: CAD000088252  
Gen County: 1  
Tsd County: Los Angeles  
Tons: 1500  
Waste Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Contact: MILLER PACKING CO  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 986  
OAKLAND, CA 94604  
County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

MILLER PACKING COMPANY II (Continued)

S101293775

Status: Preliminary site assessment underway  
Abate Method: No Action Taken - no action has as yet been taken at the site.  
Review Date: Not reported  
Workplan: 1965-01-02 00:00:00  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: Not reported  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1990-12-08 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: No  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: 5846  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 2002-01-07 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100897  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0

Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

LUST Region 2:  
Region: 2  
Case Number: 5846  
Facility Id: 01-0974  
Facility Status: Preliminary site assessment underway  
How Discovered: TC  
Leak Cause: Structure Failure

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

D13 EAST BAY TIRE CO.  
East 225 3RD ST  
1/8-1/4 OAKLAND, CA 94607  
741 ft.

HIST UST S001599173  
N/A

Site 1 of 2 in cluster D

Relative:  
Higher

UST HIST:

Actual:  
15 ft.

Facility ID: 24668  
Total Tanks: 1  
Owner Address: 225 THIRD ST.  
OAKLAND, CA 94607  
Tank Used for: PRODUCT  
Tank Num: 1  
Tank Capacity: 00000550  
Type of Fuel: UNLEADED  
Leak Detection: Stock Inventor  
Contact Name: Not reported  
Facility Type: Other

Owner Name: EAST BAY TIRE CO.  
Region: STATE  
Container Num: 1  
Year Installed: Not reported  
Tank Construction: Not Reported  
Telephone: (415) 444-8811  
Other Type: TIRE WHOLESALAS

D14 EAST BAY TIRE COMPANY  
East 225 3RD ST  
1/8-1/4 OAKLAND, CA 94607  
741 ft.

LUST S104162440  
N/A

Site 2 of 2 in cluster D

Relative:  
Higher

State LUST:

Actual:  
15 ft.

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-2227  
Reg Board: 2  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000L  
Case Type: Other ground water affected  
Status: Case Closed  
Review Date: 1995-06-05 00:00:00  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1997-05-30 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 1997-06-04 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Not reported  
Leak Cause: UNK  
Leak Source: UNK  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case #: 6244  
Beneficial: Not reported  
Staff: BG

Confirm Leak: 1995-06-05 00:00:00  
Prelim Assess: Not reported  
Remed Plan: Not reported

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

<b>C11</b> NNW < 1/8 581 ft.	<b>P.E. O'HAIR &amp; CO.</b> 309 004TH ST OAKLAND, CA 94607	CA FID UST	S101630362 N/A
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Site 2 of 2 in cluster C

Relative: Higher	FID:		
	Facility ID:	01002266	Regulate ID: 00066650
	Reg By:	Inactive Underground Storage Tank Location	
Actual: 20 ft.	Cortese Code:	Not reported	SIC Code: Not reported
	Status:	Inactive	Facility Tel: (415) 451-6424
	Mail To:	Not reported	
		P O BOX	
		OAKLAND, CA 94607	
	Contact:	Not reported	Contact Tel: Not reported
	DUNs No:	Not reported	NPDES No: Not reported
	Creation:	10/22/93	Modified: 00/00/00
	EPA ID:	Not reported	
	Comments:	Not reported	

<b>B12</b> NNE < 1/8 604 ft.	<b>CALTRANS DISTRICT 4</b> 415 HARRISON ST OAKLAND, CA 94607	RCRA-SQG FINDS HAZNET	1000419497 CAD982028722
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Site 4 of 4 in cluster B

Relative: Higher	RCRAInfo:		
	Owner:	CALIFORNIA DEPARTMENT OF TRANSPORTATION	
		(415) 555-1212	
Actual: 23 ft.	EPA ID:	CAD982028722	
	Contact:	Not reported	
	Classification:	Small Quantity Generator	
	TSDF Activities:	Not reported	
	Violation Status:	No violations found	

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site:  
 Resource Conservation and Recovery Act Information system

**HAZNET:**

Gepaid:	CAD982028722
TSD EPA ID:	CAT000646117
Gen County:	1
Tsd County:	Kings
Tons:	10.8000
Waste Category:	Unspecified sludge waste
Disposal Method:	Disposal, Other
Contact:	CALTRANS
Telephone:	(916) 657-4767
Mailing Address:	111 GRAND AVE 14TH FL OAKLAND, CA 94623
County:	1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

PE OHARE COMPANY (Continued)

S104164401

Status: Case Closed  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1996-09-12 00:00:00  
Release Date: Not reported  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: 1992-03-04 00:00:00  
Enf Type: EF  
Enter Date: 1990-02-14 00:00:00  
Funding: Federal Funds  
Staff Initials: AG  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case #: 3697  
Beneficial: Not reported  
Staff: BG  
GW Qualifier: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifier: Not reported  
Hydr Basin #: Alameda East Bay (2-  
Operator: Not reported  
Oversight Prgm: LUST  
Review Date: 1996-11-06 00:00:00  
Stop Date: Not reported  
Work Suspended: No  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101054  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtb Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: LOP UPDATE--10/21/93;REQ CASE CLOSURE-9/5/96

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported

LUST Region 2:

Region: 2  
Case Number: 3697  
Facility Id: 01-1144  
Facility Status: Case Closed  
How Discovered: TC

**MAP FINDINGS**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

**FUTURE AMTRAK STATION (Continued)**

**S101293776**

RP Address: Not reported  
 Global Id: T0600102067  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 1  
 Mtbe Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To Lust: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported  
 Summary: REQ. CC 10/15/97. . .CLOSED PER ACHD--4/3/98.

**LUST Region 2:**

Region: 2  
 Case Number: 4581  
 Facility Id: 01-2251  
 Facility Status: Case Closed  
 How Discovered: TC  
 Leak Cause: Corrosion  
 Leak Source: Tank  
 Oversight Program: LUST  
 Date Leak Confirmed: Not reported  
 Prelim. Site Assesment Wokplan Submitted: Not reported  
 Preliminary Site Assesment Began: Not reported  
 Pollution Characterization Began: Not reported  
 Pollution Remediation Plan Submitted: Not reported  
 Date Remediation Action Underway: Not reported  
 Date Remediation Action Underway: 11/21/1997

**LUST Alameda County:**

Region: ALAMEDA  
 Record Id: RO0000987  
 Status: Case Closed

**CORTESE:**

Region: CORTESE  
 Fac Address 2: 245 2nd St

**B7  
 NNE  
 < 1/8  
 565 ft.**

**OAKLAND FISC 331EAST 331E  
 331 4TH STREET  
 OAKLAND, CA 94607**

**LUST: S105692139  
 N/A**

**Site 1 of 4 in cluster B**

**Relative:  
 Higher**

**State LUST:**

**Actual:  
 21 ft.**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01D9205  
 Reg Board: 2  
 Chemical: Not reported  
 Lead Agency: Regional Board  
 Local Agency: Not reported  
 Case Type: Other ground water affected  
 Status: Case Closed  
 Review Date: Not reported  
 Workplan: 2002-01-09 00:00:00  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported

Confirm Leak: Not reported  
 Prelim Assess: 2002-01-09 00:00:00  
 Remed Plan: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**EAST BAY TIRE CO. (Continued)**

**S101624365**

**FID:**

Facility ID:	01002159	Regulate ID:	00024668
Reg By:	Inactive Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(415) 444-8811
Status:	Inactive		
Mail To:	Not reported		
	225 003RD ST		
	OAKLAND, CA 94607		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

A5  
 NNW  
 < 1/8  
 433 ft.

**CITY AUTO REPAIR**  
 330 WEBSTER ST  
 OAKLAND, CA

**HAZNET: S103653223**  
 Cortese N/A

**Site 2 of 2 in cluster A**

Relative:  
 Higher

Actual:  
 19 ft.

**HAZNET:**

Gepaid: CAC001063832  
 TSD EPA ID: CAD982444481  
 Gen County: 1  
 Tsd County: San Bernardino  
 Tons: .2293  
 Waste Category: \*\*\*  
 Disposal Method: Not reported  
 Contact: J & L PROPERTIES  
 Telephone: (000) 000-0000  
 Mailing Address: 5960 STONERIDGE DR  
 PLEASANTON, CA 94588

County 1

Gepaid: CAC001063832  
 TSD EPA ID: CAL000048571  
 Gen County: 1  
 Tsd County: Santa Clara  
 Tons: 1.2510  
 Waste Category: Waste oil and mixed oil  
 Disposal Method: Recycler  
 Contact: J & L PROPERTIES  
 Telephone: (000) 000-0000  
 Mailing Address: 5960 STONERIDGE DR  
 PLEASANTON, CA 94588

County 1

Gepaid: CAC001063832  
 TSD EPA ID: CAD009466392  
 Gen County: 1  
 Tsd County: 7  
 Tons: .1500  
 Waste Category: Other empty containers 30 gallons or more  
 Disposal Method: Recycler  
 Contact: J & L PROPERTIES  
 Telephone: (000) 000-0000  
 Mailing Address: 5960 STONERIDGE DR  
 PLEASANTON, CA 94588

County 1

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**2** MILLER PACKING COMPANY  
 SE 201.002ND ST  
 < 1/8 OAKLAND, CA 94607  
 205 ft.

CA FID UST S101624376  
 N/A

Relative: FID:  
 Lower Facility ID: 01002258 Regulate ID: 00065942  
 Reg By: Inactive Underground Storage Tank Location  
 Actual: Cortese Code: Not reported SIC Code: Not reported  
 12 ft. Status: Inactive Facility Tel: (415) 451-7200  
 Mail To: Not reported  
 P O BOX  
 OAKLAND, CA 94607  
 Contact: Not reported Contact Tel: Not reported  
 DUNs No: Not reported NPDES No: Not reported  
 Creation: 10/22/93 Modified: 00/00/00  
 EPA ID: Not reported  
 Comments: Not reported

**A3** PÉ O'HAIR & COMPANY  
 North 339 3RD ST  
 < 1/8 OAKLAND, CA  
 340 ft.

LUST S102434797  
 Cortese N/A

Site 1 of 2 in cluster A

Relative: State LUST:  
 Higher Cross Street: Not reported  
 Actual: Qty Leaked: Not reported  
 19 ft. Case Number 01-0838  
 Reg Board: 2  
 Chemical: Gasoline  
 Lead Agency: Regional Board  
 Local Agency: 01000L  
 Case Type: Soil only  
 Status: Leak being confirmed  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: 1996-01-20 00:00:00 Confirm Leak: 1996-01-20 00:00:00  
 Workplan: Not reported Prelim Assess: Not reported  
 Pollution Char: Not reported Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: Not reported  
 Cleanup Fund Id.: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1992-10-28 00:00:00  
 Funding: Federal Funds  
 Staff Initials: AG  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: No  
 Leak Cause: Structure Failure  
 Leak Source: Tank  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
 Priority: Not reported  
 Local Case #: Not reported  
 Beneficial: Not reported



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**1 MEYER PLUMBING SUPPLY**  
**Target 311 2ND ST**  
**Property OAKLAND, CA 94607**

**HAZNET S102433335**  
**LUST N/A**  
**Cortese**

**Actual:  
 14 ft.**

**State LUST:**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-2151  
 Reg Board: 2  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency: 01000L  
 Case Type: Undefined  
 Status: Case Closed  
 Abate Method: No Action Taken - no action has as yet been taken at the site.  
 Review Date: 1996-06-11 00:00:00 Confirm Leak: 1996-06-11 00:00:00  
 Workplan: Not reported Prelim Assess: Not reported  
 Pollution Char: Not reported Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: 1996-06-18 00:00:00  
 Release Date: Not reported  
 Cleanup Fund Id: Not reported  
 Discover Date: Not reported  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1994-07-13 00:00:00  
 Funding: Federal Funds  
 Staff Initials: AG  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim: No  
 Leak Cause: UNK  
 Leak Source: UNK  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: Not reported  
 Local Case #: 4616  
 Beneficial: Not reported  
 Staff: BG  
 GW Qualifier: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifier: Not reported  
 Hydr Basin #: Alameda East Bay (2-  
 Operator: Not reported  
 Oversight Prgm: LUST  
 Review Date: 1996-08-07 00:00:00  
 Stop Date: Not reported  
 Work Suspended: No  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600101977  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mtbe Fuel: 0  
 Water System Name: Not reported  
 Well Name: Not reported

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	3	NR	3
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	1	3	NR	NR	NR	4
ERNS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
AWP		1.000	0	0	0	1	NR	1
Cal-Sites		1.000	0	0	0	1	NR	1
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese	X	0.500	4	4	31	NR	NR	39
Notify 65		1.000	1	0	2	4	NR	7
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST	X	0.500	4	5	39	NR	NR	48
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	1	NR	NR	NR	1
VCP		0.500	0	0	2	NR	NR	2
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
CA FID UST		0.250	3	5	NR	NR	NR	8
HIST UST		0.250	1	6	NR	NR	NR	7
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	1	NR	1
INDIAN RESERV		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	1	NR	1
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0

# OVERVIEW MAP - 1396212.2s - SECOR International, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- Federal Wetlands
- Areas of Concern

**TARGET PROPERTY:** Oakland - Jack London Square  
**ADDRESS:** 311 2nd Street  
**CITY/STATE/ZIP:** Oakland CA 94607  
**LAT/LONG:** 37.7948 / 122.2731

**CUSTOMER:** SECOR International, Inc.  
**CONTACT:** Justin Hone  
**INQUIRY #:** 1396212.2s  
**DATE:** April 08, 2005 1:12 pm

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ASIAN HEALTH SERVICES	814 WEBSTER ST	1/4 - 1/2 NNE	33	36
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PORT OF OAKLAND/CINEMA PR	CLAY / EMBARCADERO	1/4 - 1/2 WNW	67	81

### EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

## EXECUTIVE SUMMARY

**VCP:** Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 02/07/2005 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>ASIAN HEALTH SERVICES</b>	<b>814 WEBSTER ST</b>	<b>1/4 - 1/2 NNE</b>	<b>33</b>	<b>36</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>PORT OF OAKLAND/CINEMA PR</b>	<b>CLAY / EMBARCADERO</b>	<b>1/4 - 1/2 WNW</b>	<b>67</b>	<b>81</b>

**CA FID:** The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there are 8 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>EAST BAY TIRE CO.</b>	<b>225 003RD ST</b>	<b>0 - 1/8 E</b>	<b>4</b>	<b>9</b>
<b>P.E. O'HAIR &amp; CO.</b>	<b>309 004TH ST</b>	<b>0 - 1/8 NNW</b>	<b>C11</b>	<b>16</b>
<b>SHELL OIL COMPANY</b>	<b>105 005TH ST</b>	<b>1/8 - 1/4 ENE</b>	<b>27</b>	<b>30</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MILLER PACKING COMPANY</b>	<b>201 002ND ST</b>	<b>0 - 1/8 SE</b>	<b>2</b>	<b>8</b>
<b>EAST BAY PACKING COMPANY</b>	<b>208 JACKSON ST</b>	<b>1/8 - 1/4 ESE</b>	<b>E20</b>	<b>24</b>
<b>UNITED BEVERAGE</b>	<b>105 JACKSON ST</b>	<b>1/8 - 1/4 SE</b>	<b>F22</b>	<b>27</b>
<b>HYDRANT FUELING SYSTEM</b>	<b>66 JACK LONDON SQ</b>	<b>1/8 - 1/4 W</b>	<b>G28</b>	<b>30</b>
<b>SALTY DOG (GAS DOCK)</b>	<b>53 JACK LONDON SQ</b>	<b>1/8 - 1/4 W</b>	<b>G31</b>	<b>33</b>

**HIST UST:** Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 7 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>P.E. O'HAIR &amp; CO.</b>	<b>309 4TH ST</b>	<b>0 - 1/8 NE</b>	<b>B9</b>	<b>15</b>
<b>EAST BAY TIRE CO.</b>	<b>225 3RD ST</b>	<b>1/8 - 1/4 E</b>	<b>D13</b>	<b>18</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MILLER PACKING COMPANY</b>	<b>201 2ND ST</b>	<b>1/8 - 1/4 ESE</b>	<b>E17</b>	<b>23</b>
<b>EAST BAY PACKING COMPANY</b>	<b>208 JACKSON ST</b>	<b>1/8 - 1/4 ESE</b>	<b>E18</b>	<b>23</b>
<b>EAST BAY PACKING COMPANY</b>	<b>208 JACKSON ST</b>	<b>1/8 - 1/4 ESE</b>	<b>E19</b>	<b>24</b>
<b>UNITED BEVERAGE DISTRIBUTORS</b>	<b>105 JACKSON ST</b>	<b>1/8 - 1/4 SE</b>	<b>F21</b>	<b>26</b>
<b>SALTY DOG (GAS DOCK)</b>	<b>53 JACK LONDON SQ</b>	<b>1/8 - 1/4 W</b>	<b>G30</b>	<b>32</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FUTURE AMTRAK STATION	245 2ND ST	0 - 1/8 ESE	6	11
MILLER PACKING COMPANY II	206 2ND ST	1/8 - 1/4 ESE	E15	19
MILLER PACKING	201 2ND ST	1/8 - 1/4 ESE	E16	21
EAST BAY PACKING COMPANY	208 JACKSON ST	1/8 - 1/4 ESE	E20	24
UNITED BEVERAGE	105 JACKSON ST	1/8 - 1/4 SE	F22	27
KTVU-TV	2 JACK LONDON SQUARE	1/4 - 1/2 W	38	44
UNION MACHINE WORKS OF OA	534 2ND	1/4 - 1/2 WNW	K46	53
BARNHILL CONSTRUCTION COM	2394 MARINER SQUARE	1/4 - 1/2 SSW	58	71
VUKASIM PROPERTY	54 EMBARCADERO ST	1/4 - 1/2 SE	M61	72
PEERLESS COFFEE	225 FALLON ST	1/4 - 1/2 ESE	62	72
BALCO PROPERTIES	55 4TH ST	1/4 - 1/2 E	66	79
PORT OF OAKLAND/CINEMA PR	CLAY / EMBARCADERO	1/4 - 1/2 WNW	67	81
OHN BEERY ORGANIZATION	2420 MARINER SQUARE DR	1/4 - 1/2 SSW	O69	87
MARINER BOAT YARD	2415 MARINER SQUARE DR	1/4 - 1/2 SSW	Q70	89
MACY'S MOVERS	200 VICTORY CT	1/4 - 1/2 ESE	76	97
SUNSET WHOLESALE COMPANY	105 EMBARCADERO AVE	1/4 - 1/2 ESE	77	98
ALAMEDA REAL ESTATE INVES	1301 MARINA VILLAGE	1/4 - 1/2 SSW	79	101

**NOTIFY 65:** Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there are 7 Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
P. E. O'HAIR & CO.	309 FOURTH STREET	0 - 1/8 NNW	C10	15
LANEY COLLEGE	600 FALLON STREET	1/4 - 1/2 E	56	69
F.G. MA COMMUNITY HOUSING P J	HARRISON / 13TH STREET	1/2 - 1 NNE	84	107
OAKLAND CITY HALL	#1 CITY HALL PLAZA	1/2 - 1 N	87	120
AMERICAN INK PRODUCTS	630 EAST 10TH STREET	1/2 - 1 E	91	137

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VUKASIN/SOUTHERN PACIFIC TRANS	54 EMBARCADERO AT FALLO	1/4 - 1/2 SE	M60	72
EAST BAY FORD TRUCK	333 FIBERT ST	1/2 - 1 WNW	90	133

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/10/2005 has revealed that there are 48 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PE O'HAIR & COMPANY	339 3RD ST	0 - 1/8 N	A3	8
OAKLAND FISC 331 EAST 331E	331 4TH STREET	0 - 1/8 NNE	B7	12
PE OHARE COMPANY	309 4TH ST	0 - 1/8 NE	B8	13
EAST BAY TIRE COMPANY	225 3RD ST	1/8 - 1/4 E	D14	18
LAKESIDE NON-FERROUS META	412 MADISON	1/4 - 1/2 E	32	33
OAKLAND AUTO PARTS	706 HARRISON ST	1/4 - 1/2 NNE	H34	37
SHELL	726 HARRISON ST	1/4 - 1/2 NNE	H35	39

## EXECUTIVE SUMMARY

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### FEDERAL ASTM STANDARD

**CORRACTS:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/15/2004 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>FRANCIS PLATING OF OAKLAND INC</i>	<i>785 7TH ST</i>	<i>1/2 - 1 NW</i>	<i>83</i>	<i>104</i>
<i>SAFETY KLEEN CORP 7 178 01</i>	<i>404 MARKET ST</i>	<i>1/2 - 1 NW</i>	<i>86</i>	<i>108</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>USNAVY OAKLAND NAVAL SUPPLY CT</i>	<i>2155 MARINER SQUARE LOO</i>	<i>1/2 - 1 S</i>	<i>Q89</i>	<i>123</i>

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 01/10/2005 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CALTRANS DISTRICT 4</i>	<i>415 HARRISON ST</i>	<i>0 - 1/8 NNE</i>	<i>B12</i>	<i>16</i>
<i>PACIFIC RIM</i>	<i>1338 CYPRESS AVE AT MAN</i>	<i>1/8 - 1/4 NW</i>	<i>23</i>	<i>28</i>
<i>PORT OF OAKLAND</i>	<i>251 5TH</i>	<i>1/8 - 1/4 ENE</i>	<i>24</i>	<i>29</i>
<i>REYNOLDS FAMILY TRUST 201 4TH</i>	<i>201 4TH ST</i>	<i>1/8 - 1/4 E</i>	<i>25</i>	<i>29</i>

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

311 2ND STREET  
OAKLAND, CA 94607

#### COORDINATES

Latitude (North): 37.794800 - 37° 47' 41.3"  
Longitude (West): 122.273100 - 122° 16' 23.2"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 563999.3  
UTM Y (Meters): 4183091.8  
Elevation: 14 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 37122-G3 OAKLAND WEST, CA  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
MEYER PLUMBING SUPPLY 311 2ND ST OAKLAND, CA 94607	HAZNET LUST Cortese	N/A

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

### FEDERAL ASTM STANDARD

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned



**PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT**  
**311 2<sup>nd</sup> Street**  
**Oakland, California**

**Prepared for:**  
**The Olson Company**

**May 18, 2005**

**SECOR Project No.: 04OT.29220.22**

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## FIGURES

Figure 1 – Site Location Map

Figure 2 – Plot Plan with Boring Locations

## TABLES

Table 1 – Summary of TPH & VOCs Analysis of Groundwater Samples

Table 2 – Summary of TPH & VOCs Analysis of Soil Samples

Table 3 – Summary of Metals Analysis of Soil Samples

## APPENDICES

Appendix A – Supporting Documents

Appendix B – Boring Logs

Appendix C – Laboratory Data Sheets, QA/QC Results, and Chain-of-Custody Records

## **1.0 INTRODUCTION**

This report documents the methodology and findings of a Phase II environmental site assessment (ESA) completed by SECOR International Incorporated (SECOR) at the property located at 311 2<sup>nd</sup> Street, Oakland, California. The Phase II ESA was conducted to address the recognized environmental conditions (RECs) identified within SECOR's Draft Phase I ESA investigation dated April 22, 2005 (SECOR, 2004a).

Based on the recommendations contained in the above referenced Phase I ESA, SECOR developed a scope of work to address the RECs (subsurface soil impacts) at the above referenced property. The investigation was conducted in accordance with the scope of work and terms provided in The Olson Company's Master Consulting Services Agreement dated November 28, 2001. The scope of work completed and the results of that investigation are provided below.

### **1.1 SITE DESCRIPTION AND OPERATIONS**

The Site consists of approximately 1.1 acres of land located at 311 2<sup>nd</sup> Street in the City of Oakland, County of Alameda, California. The Site consists of 14 contiguous plots in addition to a redistributed portion of Harrison Street which comprise one parcel. Currently, the Site is occupied by Meyer Plumbing Supply.

The Site is located in a commercial/industrial area of Oakland. The Site is bounded to the northwest by the Jack London Square Bath Gallery showroom and offices, a second office building, and an asphalt parking lot followed by Webster Street; to the northeast by 2<sup>nd</sup> Street then industrial buildings, a parking lot and offices; to the southwest by the Amtrak rail line followed by Embarcadero Street, a parking lot, and then a marina; and to southeast by an asphalt parking lot followed by the Jack London Square Amtrak Station.

The current structure on the Site is used predominantly to store plumbing parts and equipment (i.e. pipe, fittings, and tools). A small portion of the structure is also used as office space. Based on information obtained during this Phase I ESA (see below for additional detail) the Site has been occupied by this warehouse since prior to 1965. According to SECOR's review of historical documents, prior to 1939 until sometime before 1959 the Site was occupied by a smaller commercial structure. This structure is identified on Sanborn fire insurance maps as a steel fabricating and welding shop from sometime prior to 1950 until 1957.

### **1.2 REGIONAL GEOLOGY AND HYDROGEOLOGY**

The site is located at an approximate elevation of approximately 15 feet above mean sea level (msl) as shown on Figure 1. The Site is located in the California Coast Range Geomorphic Province characterized by northwest-southeast trending mountains and faults. Basement rocks underlying the Site are mapped as Late Jurassic to Early Cretaceous Franciscan Formation (CDMG, 1961). The Franciscan Formation consists of intensely deformed subduction mélange containing sedimentary rocks, volcanics, and metamorphic serpentinites. The subject property lies in a topographic depression caused by localized east-west extension caused by transtension between the Hayward and San Andreas faults.

Although no active faults are mapped within 1-mile of the subject property (CDMG, 1998), the Site is located within a seismically active area. The nearest recently active faults include: the northern segment of the Hayward fault, located approximately 1.5 miles northeast of the Site; the San Andreas fault located approximately 15 miles to the southwest; and the Calaveras fault located approximately 12.5 miles northeast of the Site. These faults are capable of generating seismic moments greater than magnitude 7.0.

The Site is located within the California Regional Water Quality Control Board (RWQCB), San Francisco Region (2). A groundwater monitoring well located approximately one-eighth mile north of the Site indicates groundwater at 7 feet below ground surface (bgs) with groundwater flow towards the southwest. Previous subsurface investigations conducted on the Site agree with this reported depth to groundwater of approximately 7 feet. The San Francisco Bay is located to the southwest of the Site. Based on the location of the Site and topographic gradient, inferred groundwater gradient would be to the southwest.

## 2.0 BACKGROUND INFORMATION

This Phase II ESA was conducted, based in-part on the results of SECOR's Phase I ESA, which identified the following recognized environmental conditions (RECs) as warranting further investigation:

- According to groundwater monitoring well data near the Site and previous subsurface investigations, groundwater is expected to be encountered at a depth of approximately 7 feet below the ground surface. As in the following text, the EDR reports identify a total of 48 leaking underground storage tank (LUST) facilities within a half-mile radius of the Site. Of these 48 sites, 32 are located up-gradient with respect to groundwater flow of the Site. Given the numerous LUST facilities, SECOR considers it possible that groundwater in the vicinity of the Site is impacted with petroleum hydrocarbons. SECOR recommends as a result of the potential groundwater contamination analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants (i.e. petroleum hydrocarbons and volatile organic compounds) are present at levels which exceed the acceptable human health risk criteria for residential development.
- The 1950 through 1957 Sanborn Fire Insurance maps indicate that a steel fabrication and welding shop is located on the Site. Potential contamination of Site soils may have occurred during the time when the shop and associated scrap iron storage yard were located on the Site. SECOR recommends sampling the Site soils for metals and petroleum hydrocarbons in order to assess whether these contaminants at levels which exceed human health risk criteria for residential development.
- According to the EDR report, the Site is listed under the LUST and Cortese databases for having a leaking underground storage tank. SECOR reviewed previous environmental reports supplied by the seller which discussed subsurface investigations relating to this UST under the oversight of the County of Alameda Department Environmental Health (ACDEH). A 1,000-gallon UST was reportedly closed in place prior to 1976 by filling it with concrete. This UST is reportedly still located on the property. It is unknown whether the UST stored gasoline or diesel. Previous soil and groundwater investigations indicated residual petroleum hydrocarbon contamination in the soil and groundwater in the vicinity of the UST, discussed as follows:
  - In September of 1993, two angled soil borings (SB-1 and SB-2) were drilled under the UST by Blymer Engineers, Inc. (BEI). BEI was contracted by Meter Plumbing Supply to perform a closure site assessment for the UST. Soil samples were obtained from SB-1 and SB-2 at 5.5 and 7.0 feet, respectively. Analytical results for borings SB-1 and SB-2 showed that TPH-D was detected at concentrations of 4.2 and 15,000 parts per million (ppm), respectively, and that lead was detected in concentrations of 71 and 84 ppm, respectively. In boring SB-1, TPH-G and BTEX were not detected except for 0.0090 ppm xylenes. In boring SB-2, TPH-G was detected at a concentration of 34 ppm while ethylbenzene and xylenes were detected at concentrations of 0.65 and 0.82 ppm, respectively. The groundwater sample from boring SB-2 showed 5.5 ppm TPH-D, 0.085 ppm TPH-G, and benzene, toluene and xylenes at concentrations of 0.0027, 0.00066, and 0.00051 ppm, respectively.

- After receipt of the BEI report, the Alameda County Department of Environmental Health (ACDEH) indicated that further investigation would be necessary to vertically and laterally delineate the detected contamination. In response to this request, Meyer Plumbing contracted AllPro Environmental Corporation (AllPro) in March of 1996. At this time, AllPro obtained soil and groundwater samples from four borings placed down-, cross-, and up-gradient of the UST identified as B3 & B4, B5, and B6, respectively. All of these borings were placed outside the neighboring warehouse structure. According to the AllPro report, analytical results of soil samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected except for the samples obtained from boring B6 at a depth of 4.5 feet, where TPH-D was detected at a concentration of 16 ppm. Lead was detected in the soil samples from borings B3, B4, B5, and B6 at concentrations of 58, 310, 9.3, and 23 ppm, respectively. According to the AllPro report, analytical results of groundwater samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected. Lead was detected in the groundwater samples from borings B3, B4, B5, and B6 at concentrations of 0.049, 1.7, 0.68, and 0.49 ppm, respectively.
- In response to the AllPro report, the ACDEH issued a no further action letter dated June 18, 1996 whereupon case closure was granted for the former UST on the Site. This letter does state that any Site modifications such as a change in land use may require a "re-evaluation of the chemical exposure pathways, receptor sensitivities (i.e. residential vs. commercial/industrial), and other applicable criteria which may have been used to assess potential human health risk during the case closure process."
- SECOR recommends that future case closure requirements, if any, be determined through discussions with the ACDEH and Regional Water Board, based on the intended residential land use and in accordance with the department's requirements as set forth during initial case closure. SECOR also recommends additional soil and groundwater sampling be performed adjacent to the UST, including the interior of the warehouse structure where the former fuel dispenser was located, in order to confirm that contaminant levels exist below regulatory guidelines for residential development or to better estimate the volume of soils that must be excavated and the degree of groundwater remediation that may be necessary, if any, prior to such development. SECOR also recommends that the concrete-filled UST be removed as part of Site development.

The results of the Phase II investigation are reported herein. The approximate locations of the borings are shown on the Plot Plan, Figure 2.

## **3.0 FIELD INVESTIGATION PROGRAM**

### **3.1 SCOPE OF WORK**

SECOR proposed to advance a total of four (4) borings in the vicinity of the former UST on the Site in order to sample the soil and groundwater for petroleum hydrocarbons (TPH) carbon-chain (C6-C40), VOCs, and lead. Soil samples were to be collected using a hand auger to depths of 5 feet below ground surface (bgs). After clearing 5 feet bgs, groundwater and soil samples will be collected using a direct push Geoprobe rig. A photo-ionization detector (PID) was to be used to evaluate the soil samples in the field. Soil samples were to be collected at intervals of 2 ½ feet until 12.5 feet bgs or until PID readings are no longer elevated. A maximum of two (2) soil samples were to be collected from each of the borings. These included the sample exhibiting the highest PID reading in parts per million per volume (ppm/V) and the deepest soil sample exhibiting an elevated PID reading (> 50 ppm/V). Note that a single sample may fulfill both the above-mentioned criteria and in such a case, only one sample would be collected from the boring. All soil and groundwater samples from these borings were to be submitted to a state certified laboratory for total petroleum hydrocarbons (TPH) carbon-chain (C6-C40), VOCs, and lead analysis. Due to poor recharge rates of the groundwater, however, only the soil samples were analyzed for lead content.

SECOR proposed to advance four (4) borings on the Site in order to sample the groundwater for petroleum hydrocarbons and VOCs analysis. Groundwater samples were to be collected at a depth where water is first encountered, estimated to be approximately 5-7 feet bgs. One (1) boring was to be located in each of the corners of the Site in order to best determine the lateral extent of potential contamination of groundwater by nearby LUST facilities as well as to better evaluate the contribution from potential onsite sources of contamination. All groundwater samples were to be submitted to a state certified laboratory for TPH carbon-chain (C6-C40) and VOCs analysis. Due to time constraints, only boring B-6, located in the northern corner of the Site, was completed.

SECOR proposed three (3) shallow borings from the interior of the structure on the Site in the area of the former steel fabrication, weld shop, and scrap iron yard. Soil samples were to be collected at a depth of approximately 6 inches to one foot bgs and 18 inches to two feet bgs and submitted to a state certified laboratory for TPH carbon-chain (C6-C40), VOCs, and CAM metals analysis.

### **3.2 SOIL SAMPLING PROCEDURES**

The soil sampling methods and procedures were performed in general accordance with SECOR's proposal dated April 25, 2005.

#### **HAND AUGER SOIL SAMPLING PROCEDURES**

All boring locations were hand-augered to a depth of five feet bgs. Soil samples were collected for TPH, VOCs and Metals analysis at approximately 2 and 5 feet bgs at three (3) locations within the Site's warehouse structure, identified as B-3, B-6, and B-10. A photo-ionization detector (PID) was used to monitor the soils collected for volatile organic compound (VOC) vapors of these samples. Soil was removed from the auger and placed in a zip-lock type baggie and the PID probe was inserted into the baggie to monitor the headspace for VOC vapors.

### **DIRECT PUSH SOIL SAMPLING PROCEDURES**

At a depth of five feet bgs, the borings were advanced using a GeoProbe™, truck-mounted drilling rig, and were completed by driving 2-inch outer-diameter hollow steel rods into the underlying soils using a hydraulic ram mounted on the drilling rig. During advancement at each location, sampling of encountered subsurface soils was performed starting at a depth of five feet bgs using a 48-inch long by 2-inch inner diameter plastic sampler. At each sampling interval, the sampler was driven into undisturbed soil using a hydraulic ram on the GeoProbe™ rig until 48 inches of penetration was achieved. Upon advancement of the sampler to the full 48-inch length, the steel rods were extracted from the boring and the sampler sleeve was removed. The drilling and sampling sequence was then repeated at various intervals for the entire depth of each boring.

Upon extracting the sampler at each depth interval, the soils contained therein were visually examined by SECOR field personnel who then classified the soils. A summary of the soil classifications obtained are presented in the boring logs included as Appendix B.

After soil classification, the soil samples were collected from the sampling tube. A photo-ionization detector (PID) was used to monitor the soils collected for volatile organic compound (VOC) vapors of these samples. Soil was removed from the auger and placed in a zip-lock type baggie and the PID probe was inserted into the baggie to monitor the headspace for VOC vapors. All soil samples were carefully packaged for chemical analysis in glass jars and labeled with appropriate identification information (boring number, sample depth, sample collection date, sample collection time and job number). The samples were then logged on a chain-of-custody form and placed in a chilled cooler for transport to the laboratory. Copies of the chain-of-custody forms are included in Appendix C.

### **3.3 GROUNDWATER SAMPLING PROCEDURES**

#### **DIRECT PUSH GROUNDWATER SAMPLING PROCEDURES**

Saturated soils were observed at depths between approximately 5 and 10 feet bgs in borings B-1, B-2, B-3, B-4, and B-6. Upon reaching this approximate depth interval, each boring was terminated approximately 2 feet beneath first observed saturated soils (approximately 12 feet bgs) and a 48-inch long, 1-inch outer-diameter, slotted, PVC sampling pipe was inserted into the open bore hole. Additional PVC pipes without slots (risers) were attached to the top of the first pipe via water tight gasket fittings until the bottom of the borehole was reached. Poly tubing was then inserted in the PVC riser with a one way valve attached to its tip. Surging and bailing was completed as close as possible to the top of the groundwater level at each location.

Groundwater sampling was performed at borings B-1, B-2, B-3, B-4, and B-6. During sampling, groundwater was transferred directly from the top of the poly tubing bailer into clean glass containers (three 40mL vials and one 1 liter bottle for TPH-g/VOCs and TPH-Diesel analysis, respectively, for each boring) provided by the laboratory. The recharge rate of boring B-2, located south of the former diesel UST on Site, was inadequate to provide the 1-liter sample necessary for diesel analysis. Three 40mL vials were obtained from this location and were analyzed for TPH-gasoline and VOCs. Once the containers were full, threaded lids were attached, the containers labeled and placed into an iced cooler pending transport, under Chain-of-Custody, to a laboratory for chemical analysis. The Chain-of-Custody records for the groundwater sample collected during this investigation are presented in Appendix C.



### **3.4 BORING ABANDONMENT PROCEDURES**

Following the completion of borehole advancement and groundwater sampling, the borings were abandoned by removing the sampling equipment from the borehole and subsequently backfilling with neat cement, as prescribe by the Alameda County Public Works Department.

### **3.5 DECONTAMINATION PROCEDURES**

To maintain quality control during soil sampling, prior to each sampling interval, the sampling equipment was rinsed in distilled water.

#### **4.0 LABORATORY TESTING PROGRAM**

All soil samples obtained from the subsurface investigation which were analyzed for TPH-gasoline range, VOCs, and metals were delivered under chain-of-custody (Appendix C) to Centrum Analytical Laboratories, Inc. (Centrum) located in Riverside, California. All soil samples obtained from the subsurface investigation which were analyzed for TPH-diesel range were delivered under chain-of-custody (Appendix C) to Curtiss-Tompkins Analytical Laboratories, Inc. (Curtiss-Tompkins) located in Berkeley, California. Both Centrum and Curtiss-Tompkins are certified to perform hazardous waste testing by the State of California Department of Health Services, Environmental Laboratory Accreditation Program.

Soil samples were analyzed for TPH (diesel and gasoline ranges), VOCs, and metals by EPA Test Methods 8015M, 8260B, and 6010/7000, respectively. Groundwater samples were analyzed for TPH (diesel and gasoline ranges) and VOCs by EPA Test Methods 8015M and 8260B, respectively.

## 5.0 INVESTIGATION FINDINGS

### 5.1 FIELD OBSERVATIONS

The lithology encountered during drilling consisted of predominantly clays, with some silty sands, to the maximum explored depth of approximately 12 feet bgs. Groundwater was encountered approximately 5-9 feet bgs.

Volatile organic vapors were detected in soil samples at concentrations up to 155 parts per million by volume (ppm/V) using a MiniRae photoionization detector (PID) calibrated to isobutylene. Strong hydrocarbon odors were noted in boring B-3 during drilling operations. A summary of the PID readings is included on the above-referenced boring logs (Appendix B).

Several borings were not completed as proposed due to time constraints and poor groundwater recharge rates. These alterations to the proposed scope of work are discussed as follows:

- **B-5:** Boring B-5 had been proposed to sample soil and groundwater in the west corner of the Site.
- **B-7:** Boring B-7 had been proposed to sample soil and groundwater in the east corner of the Site.
- **B-8 and B-9:** Borings B-8 and B-9 had been proposed to sample soil from within the interior of the warehouse structure on the Site for petroleum hydrocarbons, VOCs, and metals.

### 5.2 ANALYTICAL RESULTS

The laboratory test results are discussed below. A summary of the laboratory test results are found in Tables 1, 2, and 3 and the complete laboratory analytical test results are presented on the laboratory data sheets attached as Appendix C. Boring locations are presented on the attached Plot Plan, Figure 2.

A brief summary of the soil analysis is as follows:

#### TPH and VOCs in Groundwater:

Chemical analysis of groundwater samples indicated the following for each boring location:

- **Boring B-1** – The groundwater sample from this boring reported a non-detectable concentration (< 0.50 µg/L) of gasoline range hydrocarbons. Diesel range hydrocarbons were detected at a concentration of 11,000 µg/L in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
- **Boring B-2** – The groundwater sample from this boring location reported a non-detectable concentration (< 0.50 µg/L) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample due to an insufficient recharge rate.

No VOCs were measured above their respective laboratory detection limits in this sample.

- **Boring B-3** – The groundwater sample from this boring location reported gasoline range hydrocarbons at a concentration of 5,400 µg/L. Diesel range hydrocarbons were detected at a concentration of 200 µg/L in this sample. The VOCs Benzene, n-Butylbenzene, sec-Butylbenzene, Ethylbenzene, p-Isopropylbenzene, p-Isopropyltoluene, Napthalene, n-Propylbenzene, Toluene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Xylenes (m-, p-) and Xylenes (o-) were detected in this sample at concentrations of 15, 60, 20, 51, 57, 3.3, 160, 160, 6.0, 90, 24, 29, and 1.5 µg/L, respectively. No established state maximum contaminant levels (MCLs) exist for n-Butylbenzene, sec-Butylbenzene, p-Isopropylbenzene, p-Isopropyltoluene, Napthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene. The state MCL for Benzene, Ethylbenzene, and Xylenes is 1.0, 700, and 1750 µg/L, respectively. Benzene, at a concentration of 15 µg/L, was found to exceed its respective state MCL for drinking water of 1.0 µg/L.
- **Boring B-4** – The groundwater sample from this boring location reported non-detectable concentrations of gasoline and diesel range hydrocarbons (< 0.50 and < 50 µg/L, respectively). No VOCs were measured above their respective laboratory detection limits in this sample.
- **Boring B-6** – The groundwater sample from this boring location reported non-detectable concentrations of gasoline range hydrocarbons (< 0.50 µg/L). Diesel range hydrocarbons were detected at a concentration of 8,100 µg/L in this sample. The VOCs 1,2-Dichloroethane, cis-1,2-Dichloroethene, Tetrachlorethene, and Trichloroethene were detected at concentrations of 1.0, 0.7, 8.2 and 1.5 µg/L, respectively. No established MCLs exist for 1,2-Dichloroethane and cis-1,2-Dichloroethene. The state MCL for both tetrachlorethene, and trichloroethene is 5.0 µg/L. Tetrachlorethene, at a concentration of 8.2 µg/L, was found to exceed this state MCL.

#### TPH and VOCs in Soil:

Chemical analysis of soil samples indicated the following for each boring location:

- **Boring B-1:**
  - **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were detected at a concentration of 44 mg/kg in this sample. The VOCs 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylenes (o-) were detected at 0.002, 0.001 and 0.001 mg/kg, respectively. The US EPA Region IX preliminary remediation goals (PRGs) for 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylenes (o-) are 210, 17, and 270 mg/kg, respectively.
  - **10 feet bgs** – The soil sample from a depth of 10 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were detected at a concentration of 6.0 mg/kg in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.

- **Boring B-2:**
  - **6 feet bgs** – The soil sample from a depth of 6 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were detected at a concentration of 39 mg/kg in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
  
- **Boring B-3:**
  - **2 feet bgs** – The soil sample from a depth of 2 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
  - **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported gasoline range hydrocarbons at a concentration of 1.1 mg/kg. Diesel range hydrocarbons were not analyzed in this sample. The VOCs n-Butylbenzene, Ethylbenzene, Isopropylbenzene, p-Isopropyltoluene, Napthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, and Xylenes (m-, p-) were detected in this sample at concentrations of 0.014, 0.07, 0.004, 0.003, 0.052, 0.020, 0.055, and 0.005 mg/kg, respectively. No PRGs have been established for Isopropylbenzene, p-Isopropylbenzene, or p-Isopropyltoluene. The PRGs for n-Butylbenzene, Ethylbenzene, Napthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, and Xylenes (m-, p-) are 240, 400, 1.7, 240, 520, and 270 mg/kg, respectively. No VOC contaminant was found to exceed its respective PRG in this sample.
  - **7 feet bgs** – The soil sample from a depth of 7 feet bgs reported gasoline range hydrocarbons at a concentration of 160 mg/kg. Diesel range hydrocarbons were detected at a concentration of 390 mg/kg in this sample. The VOCs n-Butylbenzene, Isopropylbenzene, Napthalene, and n-Propylbenzene were detected in this sample at concentrations of 1.6, 0.82, 4.5, and 3.4 mg/kg, respectively. No PRG has been established for Isopropylbenzene. The PRGs for n-Butylbenzene, Napthalene, and n-Propylbenzene are 240, 1.7, and 240 mg/kg, respectively. Napthalene, detected at a concentration of 4.5 mg/kg, was found to exceed its respective PRG for residential soil of 1.7 mg/kg.
  - **12 feet bgs** – The soil sample from a depth of 12 feet bgs reported non-detectable concentrations of gasoline and diesel range hydrocarbons (< 0.50 and <1.0 mg/kg, respectively). The VOCs Isopropylbenzene and n-Propylbenzene were detected in this sample at concentrations of 0.005 and 0.009 mg/kg, respectively. No PRG has been established for Isopropylbenzene. The PRG for n-Propylbenzene is 240 mg/kg. No VOC contaminant was found to exceed its respective PRG in this sample.
  
- **Boring B-4:**
  - **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported non-detectable concentrations of gasoline and diesel range hydrocarbons (< 0.50

and <1.0 mg/kg, respectively). No VOCs were measured above their respective laboratory detection limits in this sample.

○ **Boring B-6:**

- **2 feet bgs** – The soil sample from a depth of 2 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
- **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
- **8 feet bgs** – The soil sample from a depth of 8 feet bgs reported non-detectable concentrations of gasoline and diesel range hydrocarbons (< 0.50 and <1.0 mg/kg, respectively). No VOCs were measured above their respective laboratory detection limits in this sample.
- **12 feet bgs** – The soil sample from a depth of 8 feet bgs reported non-detectable concentrations of gasoline and diesel range hydrocarbons (< 0.50 and <1.0 mg/kg, respectively). The VOC Tetrachloroethene was detected in this sample at a concentration of 0.004 mg/kg. The PRG for Tetrachloroethene is 0.48 mg/kg. No VOC contaminant was found to exceed its respective PRG in this sample.

○ **Boring B-10:**

- **2 feet bgs** – The soil sample from a depth of 2 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.
- **5 feet bgs** – The soil sample from a depth of 5 feet bgs reported a non-detectable concentration (< 0.50 mg/kg) of gasoline range hydrocarbons. Diesel range hydrocarbons were not analyzed in this sample. No VOCs were measured above their respective laboratory detection limits in this sample.

**Metals in Soil:**

- Chemical analysis of all soil samples from borings B-3, B-6, and B-10 reported concentrations of arsenic which were above the US EPA PRGs for Arsenic of 0.39 mg/Kg. Typical background arsenic levels in California are between 0.6 and 11 mg/Kg. All samples contained arsenic at concentrations which fall within the naturally occurring background levels for California soils and therefore, no further investigation is recommended.
- Chemical analysis of the five foot bgs sample obtained from boring B-6 reported a concentration of chromium which was above the US EPA PRGs for chromium of 30 mg/Kg. Typical background chromium levels in California soils are between 23 and 1,579 mg/Kg. Therefore, no further investigation is recommended with respect to chromium in the Site soils.

- Chemical analysis of the soil samples collected from borings B-3 at 2 feet bgs, B-4 at 5 feet bgs, and B-10 at two and five feet bgs reported concentrations of lead of 160, 1200, 320, and 180 mg/kg, respectively. All of these samples contained lead at concentrations which exceeded the US EPA PRG for lead in residential soil of 150 mg/Kg. SECOR re-submitted all samples which exhibited elevated lead concentrations to the laboratory for Soluble Threshold Limit Concentration (STLC) analysis and sample B-4 at five feet bgs for Toxicity Characteristic Leaching Procedure (TCLP) analysis as well. Soil in which the lead STLC is greater 5.0 mg/L is classified as hazardous waste by the state of California. Chemical analysis of samples B-1 at 5', B-3 at 2', B-4 at 5', B-10 at 2', and B-10 at 5' reported lead STLCs of 6.1, 7.8, 25, 19, and 4.8 mg/L, respectively.

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

At the request and authorization of the Olson Company, SECOR conducted a Phase II Environmental Site Assessment (ESA) of the subject property located at 311 2<sup>nd</sup> Street, Oakland, California. This work was conducted in accordance with SECOR's proposal dated April 25, 2005 and the terms provided in The Olson Company's Master Consulting Services Agreement with SECOR dated November 28, 2001. This Phase II ESA was conducted based on the results of SECOR's Draft Phase I ESA dated April 22, 2005 which identified the following recognized environmental conditions (RECs) as warranting further investigation:

- According to groundwater monitoring well data near the Site and previous subsurface investigations, groundwater is expected to be encountered at a depth of approximately 7 feet below the ground surface. As in the following text, the EDR reports identify a total of 48 leaking underground storage tank (LUST) facilities within a half-mile radius of the Site. Of these 48 sites, 32 are located up-gradient with respect to groundwater flow beneath the Site. Given the numerous LUST facilities, SECOR considered it possible that groundwater in the vicinity of the Site is impacted with petroleum hydrocarbons. As a result of the potential groundwater contamination, SECOR recommended analyzing groundwater on the up- and down-gradient sides of the Site in order to assess whether contaminants (i.e. petroleum hydrocarbons and volatile organic compounds (VOCs)) are present at levels which exceed the acceptable human health risk criteria or regulatory clean up levels for residential development.
- The 1950 through 1957 Sanborn Fire Insurance maps indicate that a steel fabrication and welding shop is located on the Site. Potential contamination of Site soils may have occurred during the time when the shop and associated scrap iron storage yard were located on the Site. SECOR recommended sampling the Site soils for metals and petroleum hydrocarbons in order to assess whether these contaminants at levels which exceed human health risk criteria for residential development.
- According to the EDR report, the Site is listed under the LUST and Cortese databases for having a leaking underground storage tank. SECOR reviewed previous environmental reports supplied by the seller which discussed subsurface investigations relating to this UST under the oversight of the County of Alameda Department Environmental Health (ACDEH). A 1,000-gallon UST was reportedly closed in place prior to 1976 by filling it with concrete. This UST is reportedly still located on the property. It is unknown whether the UST stored gasoline or diesel. Previous soil and groundwater investigations indicated residual petroleum hydrocarbon contamination exists in the soil and groundwater in the vicinity of the UST, discussed as follows:
  - In September of 1993, two angled soil borings (SB-1 and SB-2) were drilled under the UST by Blymer Engineers, Inc. (BEI). BEI was contracted by Meyer Plumbing Supply to perform a closure site assessment for the UST. Soil samples were obtained from SB-1 and SB-2 at 5.5 and 7.0 feet, respectively. Analytical results for borings SB-1 and SB-2 showed that TPH-D was detected at concentrations of 4.2 and 15,000 parts per million (ppm), respectively, and that lead was detected in concentrations of 71 and 84 ppm, respectively. In boring SB-1, TPH-G and BTEX were not detected except for 0.0090 ppm xylenes. In boring SB-2, TPH-G was detected at a concentration of 34 ppm while ethylbenzene and xylenes were detected at concentrations of 0.65 and 0.82 ppm, respectively. The groundwater



sample from boring SB-2 showed 5.5 ppm TPH-D, 0.085 ppm TPH-G, and benzene, toluene and xylenes at concentrations of 0.0027, 0.00066, and 0.00051 ppm, respectively.

- o After receipt of the BEI report, the Alameda County Department of Environmental Health (ACDEH) indicated that further investigation would be necessary to vertically and laterally delineate the detected contamination. In response to this request, Meyer Plumbing contracted AllPro Environmental Corporation (AllPro) in March of 1996. At this time, AllPro obtained soil and groundwater samples from four borings placed down-, cross-, and up-gradient of the UST identified as B3 & B4, B5, and B6, respectively. All of these borings were placed outside the neighboring warehouse structure. According to the AllPro report, analytical results of soil samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected except for the samples obtained from boring B6 at a depth of 4.5 feet, where TPH-D was detected at a concentration of 16 ppm. Lead was detected in the soil samples from borings B3, B4, B5, and B6 at concentrations of 58, 310, 9.3, and 23 ppm, respectively. According to the AllPro report, analytical results of groundwater samples obtained from all the borings showed that TPH-g, BTEX, MTBE and TPH-D were not detected. Lead was detected in the groundwater samples from borings B3, B4, B5, and B6 at concentrations of 0.049, 1.7, 0.68, and 0.49 mg/L, respectively.
- o In response to the AllPro report, the ACDEH issued a no further action letter dated June 18, 1996 whereupon case closure was granted for the former UST on the Site. This letter does state that any Site modifications such as a change in land use may require a "re-evaluation of the chemical exposure pathways, receptor sensitivities (i.e. residential vs. commercial/industrial), and other applicable criteria which may have been used to assess potential human health risk during the case closure process."
- o SECOR recommended that future case closure requirements, if any, be determined through discussions with the ACDEH and Regional Water Board, based on the intended residential land use and in accordance with the department's requirements as set forth during initial case closure. SECOR also recommended additional soil and groundwater sampling be performed adjacent to the UST, including the interior of the warehouse structure where the former fuel dispenser was located, in order to confirm that contaminant levels exist below regulatory guidelines for residential development or to better estimate the volume of soils that must be excavated and the degree of groundwater remediation that may be necessary, if any, prior to such development. SECOR also recommended that the concrete-filled UST be removed as part of Site development.

SECOR conducted the Phase II subsurface soils investigation of the Site on May 3, 2005. SECOR's investigation of the property consisted of four (4) exploratory borings (B-1, B-2, B-3, & B-4) to a maximum depth of 12 feet below ground surface (bgs) adjacent to the former UST location, one (1) exploratory boring (B-6) to a depth of 12 feet bgs located in the northern up-gradient corner of the Site, and one (1) exploratory borings (B-10) to a depth of 5 feet bgs centrally located within the warehouse structure in the vicinity of the former steel fabrication and weld shop. The analytical results obtained during SECOR's Phase II ESA are attached in Tables 1, 2 and 3.

As presented in the attached tables of analytical results, it appears that petroleum hydrocarbons (primarily diesel fuels) and lead contamination exist in the majority of the Site at levels which will require further characterization. The detected concentrations of lead are at hazardous levels (based both on total and soluble threshold limit concentration) and will require disposal as a hazardous waste if removed from the Site. For development purposes, a human health risk assessment will be necessary to evaluate options for capping of the Site to manage the lead without removing it from the Site. Government agency interaction and approval will be necessary if the lead is to be left at the Site. It is unclear from the data collected whether the lead in soil is from an onsite source or is a regional problem, resulting from placement of old fill on the Site. Therefore, additional assessment may be necessary to determine the source and extent of lead contamination on the Site.

SECOR recommends that a human health risk assessment (HHRA) be conducted to evaluate if a risk exists with regards to vapor intrusion, due to diesel fuel contamination detected in groundwater at shallow depths (approximately 5 to 6 feet below ground surface). This HHRA could then be used to evaluate whether any clean up is necessary to allow development as residential property and assure future residents no excess health risk exist due to the residual contamination on Site. Another option the HHRA could help evaluate is whether a vapor barrier will be necessary to control potential vapor intrusion created by the diesel fuel in the groundwater in the vicinity of the former UST if that is the driver of risk. In addition, the extent of diesel fuel and, to a lesser extent, gasoline in groundwater and soil are not defined. It is unclear whether the Site is the source of all detected impact on the property or if a regional groundwater plume exists which is also affecting the Site. The ACDEH may require further assessment of this impact as part of the Site revaluation for residential development.

The groundwater sample from boring B-6, which was located in the northern up-gradient corner of the Site, reported a tetrachloroethene (PCE) concentration of 8.2 µg/L. This exceeds the state Maximum Contaminant Level (MCL) for PCE in drinking water of 5.0 µg/L. Given that this PCE appears to originate from an off-site source and that a potable water source is not planned as part of future Site development, SECOR recommends no additional investigation. However, SECOR recommends this detection of PCE be addressed in the recommended HHRA.

The Alameda County Department of Environmental Health (ACDEH) issued a no further action letter dated June 18, 1996, whereupon case closure was granted for the former UST on the Site. This UST still exists on the Site and is filled with concrete. This UST will need to be removed during planned demolition activities. The ACDEH letter states that any Site modifications, such as a change in land use, may require a "re-evaluation of the chemical exposure pathways, receptor sensitivities (i.e. residential vs. commercial/industrial), and other applicable criteria which may have been used to assess potential human health risk during the case closure process." A copy of the no further action letter is attached as Appendix A.

Based on the planned land use change of the Site, it is recommended that the ACDEH receive a copy of this report to evaluate if any additional assessment, a HHRA or potential remediation will be necessary to obtain a new case closure for residential use.

## 7.0 CLOSURE

SECOR's investigation has been performed with the degree of skill generally exercised by practicing engineers and geologists in the environmental field. SECOR makes no other warranty, either expressed or implied, concerning the conclusions and professional advice that is contained within the body of this report.

Inherent in most projects performed in a heterogeneous subsurface environment, continuing excavation and assessments may reveal findings that are different than those presented herein. This facet of the environmental profession should be considered when formulating professional opinions on the limited data collected on these projects.

This report has been issued with the clear understanding that it is the responsibility of the owner, or their representative, to make appropriate notifications to regulatory agencies. It is specifically not the responsibility of SECOR to conduct appropriate notifications as specified by current County and State regulations.

The information presented in this report is valid as of the date our exploration was performed. Site conditions may degrade with time; consequently, the findings presented herein are subject to change.

## 8.0 REFERENCES

### Technical References

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, website.

California Division of Mines and Geology (CDMG), 1961, Geologic Map of California, San Francisco Sheet, California, Scale 1:250,000.

CDMG, 1998, Maps of Known Active Fault Near-Source Zones in California and Adjacent Portions of Nevada.

Environmental Data Resources, Inquiry Number: 1396212.2s

United States Geologic Survey (USGS), 1980, Oakland West 7.5 Minute Quadrangle, photo-revised 1959, Scale 1:24,000.

### Agency Contacts

Alameda County Department of Environmental Health, Mrs. Rosanna Garcia: (510) 567-6700

City of Oakland Fire Department, Hazardous Materials Management Program, Mr. Vibhor Jain: (510) 238-7491.

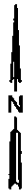
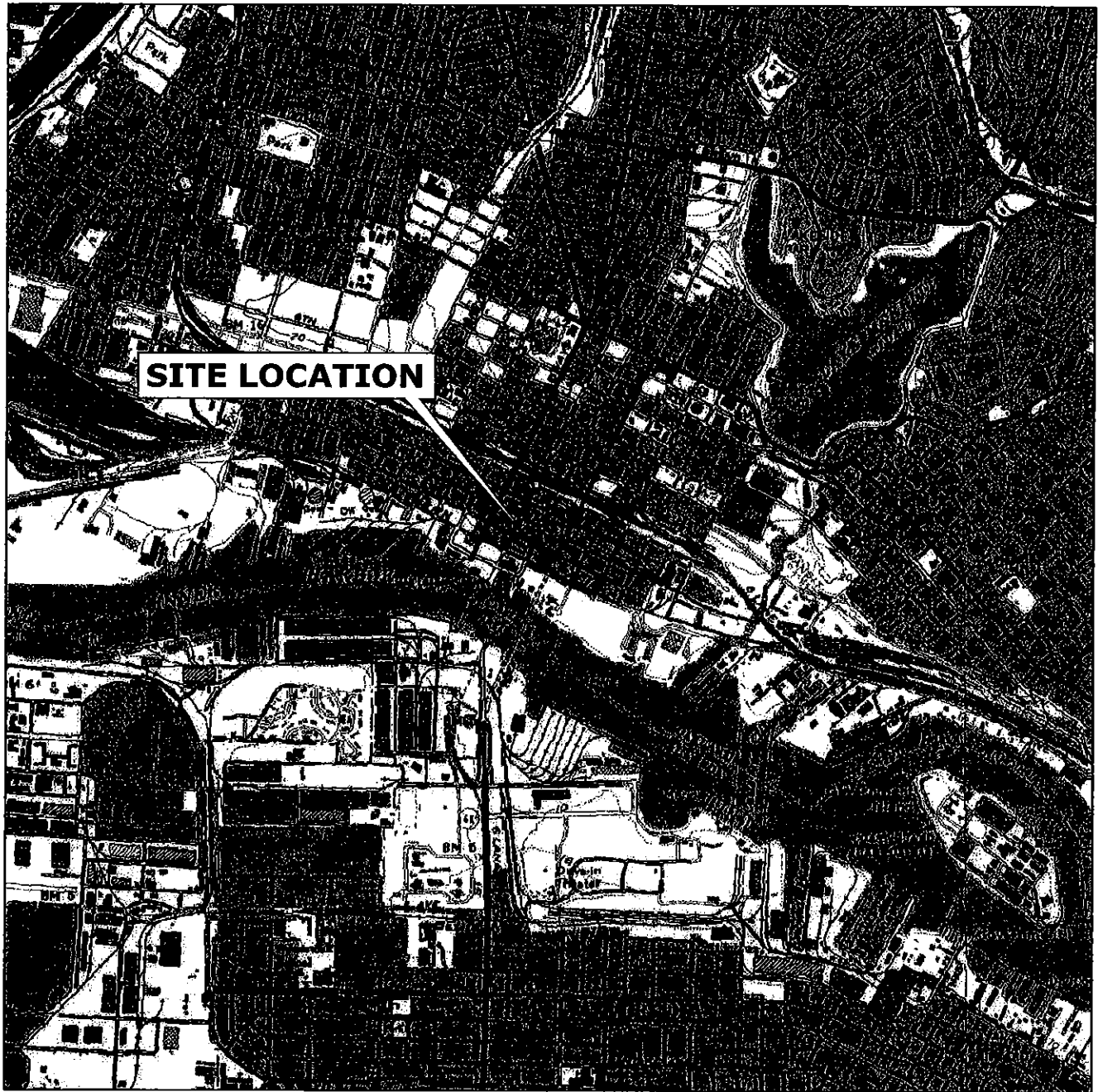
City of Oakland Building and Safety Department: (510) 238-3344.

### Previous Reports

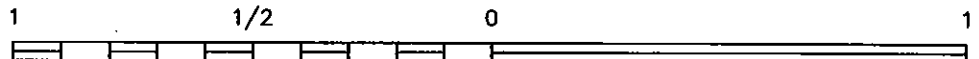
AllPro Environmental Corporation (AllPro), 1996, *Soil and Groundwater Investigation Report, Meyer Plumbing Supply Facility, 311 Second Street, Oakland, California*, dated April 5, 1996.

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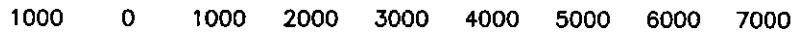
SECOR, 2004b, *Revised Proposal to Conduct Phase II Environmental Site Assessment, 311 2<sup>nd</sup> Street, Oakland, California*, dated April 25, 2005.



CALIFORNIA



SCALE (MILES)



SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE; OAKLAND WEST, CALIFORNIA; 1993



**SECOR**

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THE OLSON COMPANY

311 2nd STREET  
OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE:

1

JOB NUMBER:

04OT.29220.21

DRAWN BY:

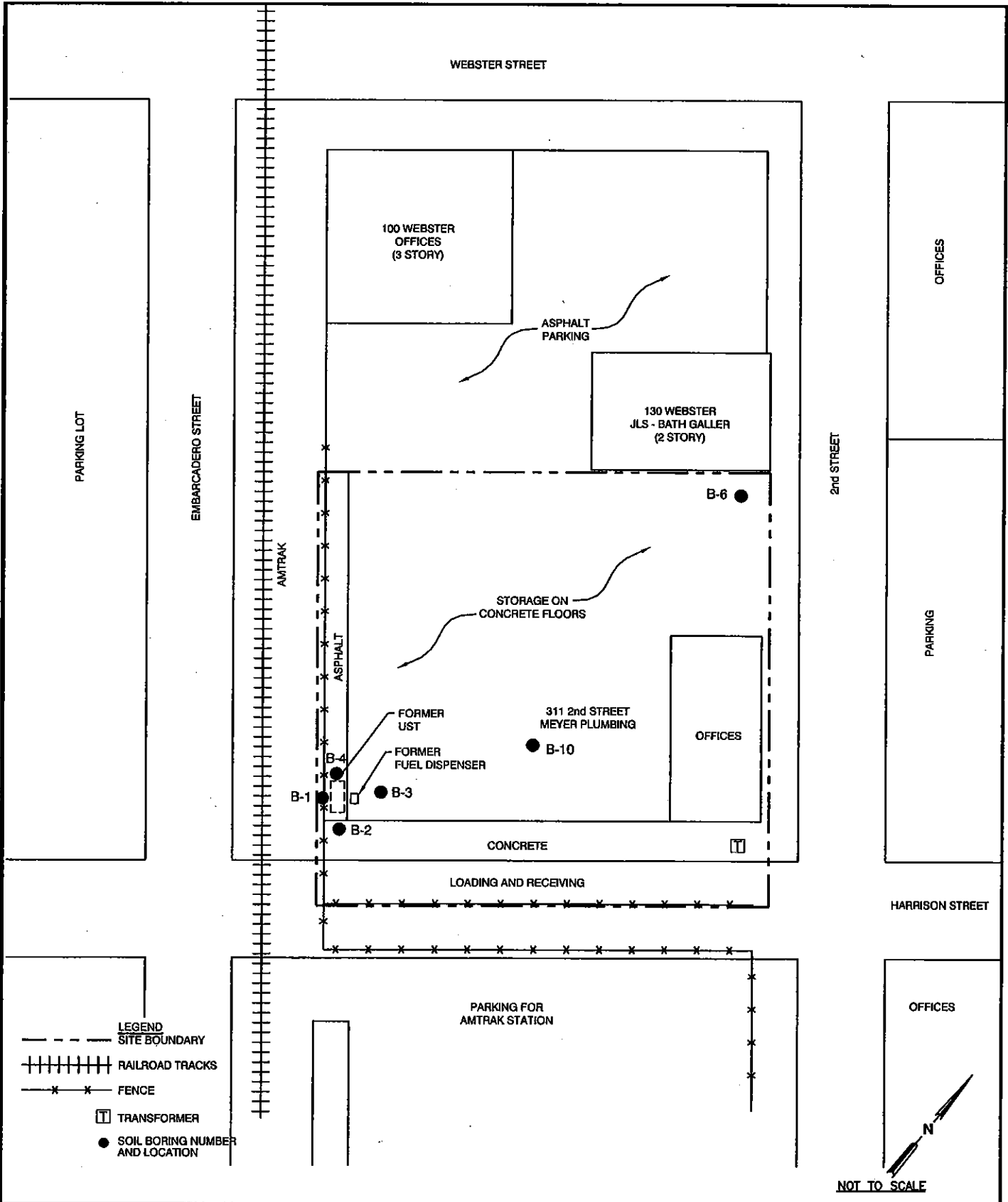
S. SIMMONS


CHECKED BY:

APPROVED BY:

DATE:

4/21/05



 <b>SECOR</b> 25804-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116/(909) 335-6120 FAX	FOR: <b>THE OLSON COMPANY</b> 311 2nd STREET OAKLAND, CALIFORNIA		<b>SITE PLAN</b>		FIGURE: <b>2</b>
	JOB NUMBER: 04OT.29220.21	DRAWN BY: S. SIMMONS	CHECKED BY:	APPROVED BY:	DATE: 4/21/05

**TABLES**





Table 2

Summary of Chemical Analysis of Soil Samples Collected from Borings B-1, B-2, B-3, B-4, B-6, and B-10, EPA Test Methods 8015B, 8260B, and GCMS

Location	Depth (ft)	Date	Petroleum Hydrocarbons (TPH) mg/kg		Volatile Organic Compounds (VOCs) mg/kg																		
			TPH (Gasoline) (Total)	TPH (Diesel) (Total)	Benzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Dichloroethane	1,2-Dichlorobenzene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Dichloroethane	1,2-Dichlorobenzene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Dichloroethane	1,2-Dichlorobenzene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Dichloroethane	1,2-Dichlorobenzene	1,1-Dichloroethane
B-1	5.0	5/3/2005	ND	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	0.001	ND	ND	0.001
B-1	10.0	5/3/2005	ND	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2	6.0	5/3/2005	ND	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-3	2.0	5/3/2005	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-3	5.0	5/3/2005	1.1	NA	ND	0.014	ND	ND	ND	0.07	0.004	0.003	0.052	0.020	ND	ND	ND	0.055	ND	ND	0.005	ND	
B-3	7.0	5/3/2005	160	390	ND	1.6	ND	ND	ND	0.82	ND	4.5	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	
B-3	12.0	5/3/2005	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-4	5.0	5/3/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6	2.0	5/3/2005	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6	5.0	5/3/2005	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6	8.0	5/3/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6	12.0	5/3/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND
B-10	2.0	5/3/2005	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-10	5.0	5/3/2005	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
US EPA Region IX PRGs					0.64	240	220	0.28		400			1.7	240	0.48	520	2.9	520	210	17	270	270	
Reporting Limit			0.50	50	0.001	0.00	0.002	0.001	0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.002	0.001	

\*NA= Not Applicable, soil samples at 2 and 5 feet bgs from borings B-3 and B-6 were not analyzed for diesel HP-2 was not analyzed for TPH-diesel or motor oil due to insufficient sample volume.

\*\* shaded boxes indicate contaminants for which there is no established PRG.

ND = Not detected above the given laboratory detection limits.

0.1

Table 3

Summary of Metals Analysis of Select Soil Samples Collected from Soil Borings SB-9, SB-10, SB-11, SB-12, SB-13 and SB-14, EPA Test Method 6010/7000.

Location	Depth (ft)	Date	CAM 17 Metals mg/kg													Lead STLC mg/L	Lead TCLP mg/L
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Mercury	Vanadium	Zinc			
B-1	5	5/3/2005	NA	NA	NA	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	6.1	NA
B-1	10	5/3/2005	NA	NA	NA	NA	NA	NA	NA	NA	1.9	NA	NA	NA	NA	NA	NA
B-2	6	5/3/2005	NA	NA	NA	NA	NA	NA	NA	NA	47	NA	NA	NA	NA	NA	NA
B-3	2	5/3/2005	4.3	110	ND	0.52	27	4.8	57	160	16	2.0	22	130	7.8	NA	NA
B-3	5	5/3/2005	2.1	54	ND	ND	30	3.5	7.3	8.3	12	0.04	19	18	NA	NA	NA
B-3	8	5/3/2005	NA	NA	NA	NA	NA	NA	NA	3.0	NA	NA	NA	NA	NA	NA	NA
B-3	12	5/3/2005	NA	NA	NA	NA	NA	NA	NA	3.0	NA	NA	NA	NA	NA	NA	NA
B-4	5	5/3/2005	NA	NA	NA	NA	NA	NA	NA	1200	NA	NA	NA	NA	25	1.2	NA
B-6	2	5/3/2005	3.2	59	ND	ND	30	3.0	7.8	27	11	0.05	19	19	NA	NA	NA
B-6	5	5/3/2005	1.8	30	ND	ND	32	2.2	5.1	3.9	10	ND	19	10	NA	NA	NA
B-6	8	5/3/2005	NA	NA	NA	NA	NA	NA	NA	21	NA	NA	NA	NA	NA	NA	NA
B-6	10	5/3/2005	NA	NA	NA	NA	NA	NA	NA	2.8	NA	NA	NA	NA	NA	NA	NA
B-10	2	5/3/2005	6	130	ND	0.85	19	5.4	870	320	16	0.81	21	410	19	NA	NA
B-10	5	5/3/2005	2.3	50	ND	ND	24	2.5	16	180	11	0.08	17	36	4.8	NA	NA
US EPA PRGs mg/Kg			0.39	5,400	150	37	30	900	3,100	150	1,600	23	78	23,000			
Typical background levels in California			0.6-11	133-1400	0.25-2.7	0.05-1.7	23-1579	2.7-46.9	9.1-96.4	12.4-97.1	9-509	0.05-0.90	39-288	88-236			
Reporting Limit mg/Kg			1.0	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	0.02	5.0	10			
Reporting Limit mg/L															2.0	0.30	

\*metal concentrations which exceeded their respective US EPA PRGs are highlighted in bold print.

\*\* shaded boxes indicate contaminants for which there is no established MCL.

NA = Not Analyzed

ND = Not detected above the given laboratory detection limits.

**APPENDIX A**  
**SUPPORTING DOCUMENTS**



June 18, 1996  
LOP STID 4616  
page 1 of 2

### REMEDIAL ACTION COMPLETION CERTIFICATION

Edward Myall and Ray Weymouth  
311-2nd St.  
Oakland CA 94607

RE: Meyer Plumbing Supply, 311-2nd St., Oakland CA 94607

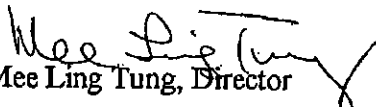
Dear Mr. Myall and Mr. Weymouth,

This letter confirms the completion of site investigation and remedial action for the 1,000-gallon underground storage tank at the above referenced site. Based on the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, **no further action related to the underground tank release is required at this time.** Please be aware that this does not free present or future landowners or operators from cleanup responsibilities in the event that new information indicates a pollutant problem on the site or originating from the site.

This notice is issued pursuant to a regulation contained in Title 23, Division 3, Chapter 16, Section 2721(e) of the California Code of Regulations. The owner must promptly notify this agency if there is a proposal for a change in land use, site activity, or structural configuration of the site (ie basements in new buildings where none were before). Such site modifications may require a re-evaluation of the chemical exposure pathways, receptor sensitivities (ie residential vs commercial/industrial), and/or other applicable criteria which may have been employed to assess potential human health risk during the case closure process.

If you have any questions regarding this letter, please contact Jennifer Eberle at (510) 567-6700, ext. 6761. Attached is a copy of the Case Closure Summary, which was reviewed and approved by this agency and the RWQCB.

Very truly yours,

  
Mee Ling Tung, Director

**APPENDIX B  
BORING LOGS**

# LOG OF BORING

Logged By: <b>DION</b>	Date Drilled: <b>5-3-05</b>	Drilling Contractor: <b>VIROMEX</b>	Method/Equipment: <b>GEO PROBE</b>	Boring Number: <b>B-1</b>
Time Start: <b>1020</b>	Boring Diam.: <b>2"</b>	Surface Elev. (ft.): <b>—</b>	Groundwater Depth (ft.): <b>5'</b>	Total Depth (ft.): <b>12'</b>
Time End: <b>1145</b>				Hammer Drop (140 Lb.): <b>—</b>
Job No.: <b>040T.29220.22</b>	Project: <b>OAKLAND PH II</b>	Location: <b>UST - S.W.</b>		

WELL CONSTRUCTION Casing Dia.	Depth Sampling Method Interval	Blow Count	Graphic Log	Sample	DESCRIPTION Soil Type, Gradation, Consistency, Moisture, Color, USCS, etc.	HNU, ppm	COMMENTS
	0				ASPHALT		
	1				PG SAND, < 10% fines,	∅.∅	1025
	2				NO MOISTURE, DARK BROWN, NO ODOR		
	3				PG SAND W/ SILT, DARK BROWN, LOW MOISTURE, NO ODOR		1030
	4				↓		
	5			⊗ B-1	NO ODOR, NO SHEEN	∅.∅	1045
	6			⊗ B-1W	PG SAND W/ SILT, BROWN, MOIST, NO ODOR		
	7				SILT W/ SAND, BROWN, MOIST NO ODOR		
	8				FINE SAND W/ SILT, VERY DARK BROWN, MOIST, NO ODOR		
	9						
	10			⊗ B-1 e10	WG SAND, GRAY, MOIST, NO ODOR	∅.∅	1110
	11				↓		
	12						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	0						

CEMENT ↑  
 GROUT ↓

# LOG OF BORING

Logged By: <b>DION</b>	Date Drilled: <b>5-3-05</b>	Drilling Contractor: <b>VIRONEX</b>	Method/Equipment: <b>GEO PROBE</b>	Boring Number: <b>B-2</b>
Time Start: <b>1200</b>	Boring Diam.: <b>2"</b>	Surface Elev. (ft.): <b>—</b>	Groundwater Depth (ft.): <b>7'</b>	Total Depth(ft.): <b>10'</b>
Time End: <b>1245</b>				Hammer Drop: (140 Lb.) <b>—</b>
Job No.: <b>0407.29220.22</b>	Project: <b>OAKLAND Pt II</b>	Location: <b>UST-SF</b>		

WELL CONSTRUCTION Casing Dia.	Depth/ Sampling Method	Interval	Blow Count	Graphic Log	Sample #	DESCRIPTION Soil Type, Gradation, Consistency, Moisture, Color, USCS, etc.	HNU, ppm	COMMENTS
CEMENT → GROUT ←		0				ASPHALT		
		1				PG SAND, less than 5% FINES, Brown, Low Moisture, NO ODOR		
		2				↓		
		3				PG SAND w/ SILT; REDDISH BROWN, Low Moisture; NO ODOR		
		4				↓		
		5						
		6				X B-2 <sup>soil</sup> CLAY; GRAY; MOIST, SLIGHT ODOR, R-2 HIGH PLASTICITY	210	1235
		7				X GW NO ODOR, NO SHEEN		1615
		8				↓		
		9						
	10							
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	0							

Exhibit

(Sheet | of | )

# LOG OF BORING

Logged By: <b>DION</b>	Date Drilled: <b>5-3-05</b>	Drilling Contractor: <b>VIRONEX</b>	Method/Equipment: <b>GEO PROBE</b>	Boring Number: <b>B-3</b>
Time Start: <b>1345</b>	Boring Diam.: <b>2"</b>	Surface Elev. (ft): <b>—</b>	Groundwater Depth (ft.): <b>7'</b>	Total Depth(ft.): <b>12'</b>
Time End: <b>1430</b>				Hammer Drop (140Lb): <b>—</b>
Job No.: <b>Ø40T-29220-22</b>	Project: <b>JLS - OAKLAND</b>	Location: <b>ØST - NE</b>		

WELL CONSTRUCTION Casing Dia.	Depth Sampling Method Interval	Blow Count	Graphic Log	Sample *	DESCRIPTION Soil Type, Gradation, Consistency, Moisture, Color, USCS, etc.	HNU, ppm	COMMENTS
	0				CONCRETE		
	1				↓		
	2		X	B-307 SOIL	PG SAND, LESS THAN 50% FINES, LOW MOISTURE, NO ODOR	Ø	1350
	3				↓		
	4				↓		
	5		X	B-305 SOIL	PG SAND w/ SILT; MOIST; HC ODOR	155	1350
	6				↓		
	7		X	B-304 GW	HC ODOR, NO SHEEN		
	8		X	B-308 SOIL	PG SAND w/ SILT; MOIST; HC ODOR	50	1400
	9				WG SAND; GRAY; MOIST, STRONG HC ODOR		
	10				↓		
	11				↓		
	12		X	B-302 SOIL	↓	Ø	1415
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	0						

CEMENT ↑  
 GROUT ↓



# LOG OF BORING

Logged By: <b>DION</b>	Date Drilled: <b>5-3-05</b>	Drilling Contractor: <b>VIRONEX</b>	Method/Equipment: <b>GEO PROBE</b>	Boring Number: <b>B-4</b>
Time Start: <b>900</b>	Boring Diam.: <b>2"</b>	Surface Elev. (ft.):	Groundwater Depth (ft.): <b>5'</b>	Total Depth(ft.): <b>12'</b>
Time End: <b>0945</b>				Hammer Drop: (1*0Lb.)
Job No.: <b>0407.29220.22</b>		Project: <b>OAKLAND PH II</b>		Location: <b>UST - NORTH WEST</b>

WELL CONSTRUCTION Casing Dia.	Depth Sampling Method	Interval	Blow Count	Graphic Log	Sample #	DESCRIPTION Soil Type, Gradation, Consistency, Moisture, Color, USCS, etc.	HNU, ppm	COMMENTS
		0				<b>ASPHALT</b>		
		1				PG SAND, REDDISH BROWN; NO MOISTURE; NO ODOR	0.0	900
		2				PG SAND W/ SILT, DARK BROWN; LOW MOISTURE; NO ODOR	0.0	910
		3				PG SAND W/ SILT, DARK BROWN; LOW MOISTURE; NO ODOR	0.0	915
		4						
		5		X	X	→ No ODOR; ↓ No SHEEN PG SAND W/ SILT, BROWN; MOIST; NO ODOR	0.0	930
		6						
		7						
		8				FINE SAND W/ SILT, VERY DARK BROWN; MOIST; NO ODOR	0.0	930
		9						
		10						
		11						
		12						
		3						
		4						
		5						
		6						
		7						
		8						
		9						
		0						

CEMENT →  
 ← GROUT



# LOG OF BORING

Logged By: <b>DION</b>	Date Drilled: <b>5/3/05</b>	Drilling Contractor: <b>VIRONEX</b>	Method/Equipment: <b>HA</b>	Boring Number: <b>B-10</b>
Time Start: <b>1500</b>	Boring Diam.: <b>2"</b>	Surface Elev. (ft.): <b>—</b>	Groundwater Depth (ft.): <b>—</b>	Total Depth(ft.): <b>5'</b>
Time End: <b>1530</b>				Hammer Drop (140 lb.): <b>—</b>
Job No.: <b>040T.29220.22</b>		Project: <b>OAKLAND PA #</b>		Location: <b>INTERIOR - MID.</b>

WELL CONSTRUCTION Casing Dia.	Depth Sampling Method	Interval	Blow Count	Graphic Log	Sample #	DESCRIPTION Soil Type, Gradation, Consistency, Moisture, Color, USCS, etc.	HNU, ppm	COMMENTS
CEMENT ↑ ↓ GROUT			0			CONCRETE		
			1	X	B-10 SOIL	PG SAND, LESS THAN 5% FINES; LOW MOISTURE; NO ODOR	Ø	1500
			2					
			3					
			4					
			5	X	B-10 SOIL	PG SAND/SILT; MOIST; NO HC ODOR	Ø	1520
			6					
			7					
			8					
			9					

Exhibit



A N A L Y T I C A L   R E P O R T

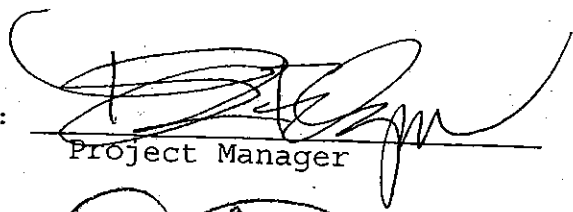
Prepared for:

Secor International  
25864-F Business Center Dr  
Redlands, CA 92374

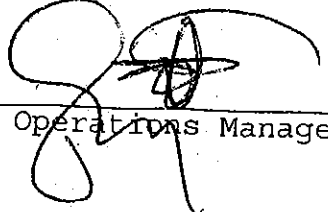
Date: 12-MAY-05  
Lab Job Number: 179230  
Project ID: 040T.29220.52  
Location: Oakland-JLS

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by:

  
Project Manager

Reviewed by:

  
Operations Manager

This package may be reproduced only in its entirety.

**APPENDIX C  
LABORATORY DATA SHEETS  
QA/QC RESULTS  
AND CHAIN-OF -CUSTODY RECORDS**

CASE NARRATIVE

Laboratory number: 179230  
Client: Secor International  
Project: 040T.29220.52  
Location: Oakland-JLS  
Request Date: 05/03/05  
Samples Received: 05/03/05

---

This hardcopy data package contains sample and QC results for eight soil samples and four water samples, requested for the above referenced project on 05/03/05. The samples were received on ice and intact.

TPH-Extractables by GC (EPA 8015B) Water:

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Soil:

No analytical problems were encountered.

179230



# SECOR CHAIN-OF-CUSTODY RECORD

COC # 03903  
Page 2 of 2

FIELD OFFICE INFORMATION		PROJECT INFORMATION					ANALYSES / METHOD REQUEST	REMARKS / PRECAUTIONS
OFFICE: REDLANDS	Send Report To: JUSTIN HONE	Project No.: 046T. 29220.22	Task: OAKLAND - JLS					
Telephone: (909) 335-6116 x2240	Fax / E-Mail: jhone@secor.com	Project Manager: JUSTIN HONE			Laboratory: CURTISS - TOMPKINS			
Sample No. / Identification	Date	SAMPLE		Container & Size **	Preservative			
BE @ 8'	5/3/05	1525	soil	2-4oz	NONE	X	3 DAY RUSH!!! EXTRA 50% IS O.K. JPH	
BE	5/3/05	1525	soil	glass	NONE	X		

11  
12

FAX #  
909 335 6120

Possible Hazard Identification:  Non-Hazardous  Flammable  Skin Irritant  Poison B  Unknown

Sample Disposal:  Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Sampled by:		Shipment Method:		Airbill Number:	
Signature	Print Name	Company	Date	Time	
1a Relinquished by:	JUSTIN HONE	SECOR	5/3/05	5:00pm	
1b Received by:	<i>Justin Hone</i>	C+T	5/3/05	5:00pm	
2a Relinquished by:					
2b Received by:					
3a Relinquished by:					
3b Received by:					

\*Matrix Key: AO = Aqueous AR = Air SO = Soil WA = Waste OT = Other \*\*Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

Received  On Ice  
 Cold  Ambient  Contact

**Total Extractable Hydrocarbons**

Lab #:	179230	Location:	Oakland-JLS
Client:	Secor International	Prep:	EPA 3520C
Project#:	040T.29220.52	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	05/03/05
Units:	ug/L	Received:	05/03/05
Batch#:	101697	Prepared:	05/03/05

Field ID: B-1 Diln Fac: 10.00  
 Type: SAMPLE Analyzed: 05/05/05  
 Lab ID: 179230-001

Analyte	Result	RL
Diesel C10-C24	11,000 H Y	500

Surrogate	%REC	Limits
Hexacosane	DO	55-143

Field ID: B-3 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 05/04/05  
 Lab ID: 179230-002

Analyte	Result	RL
Diesel C10-C24	200 H Y	50

Surrogate	%REC	Limits
Hexacosane	69	55-143

Field ID: B-4 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 05/05/05  
 Lab ID: 179230-003

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	76	55-143

H= Heavier hydrocarbons contributed to the quantitation  
 L= Lighter hydrocarbons contributed to the quantitation  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 DO= Diluted Out  
 ND= Not Detected  
 RL= Reporting Limit  
 Page 1 of 2



# Chromatogram

Sample Name : 179230-001,101697  
FileName : G:\GC15\CHB\124B031.RAW  
Method : BTEH122S.MTH  
Start Time : 0.01 min  
Scale Factor : 0.0

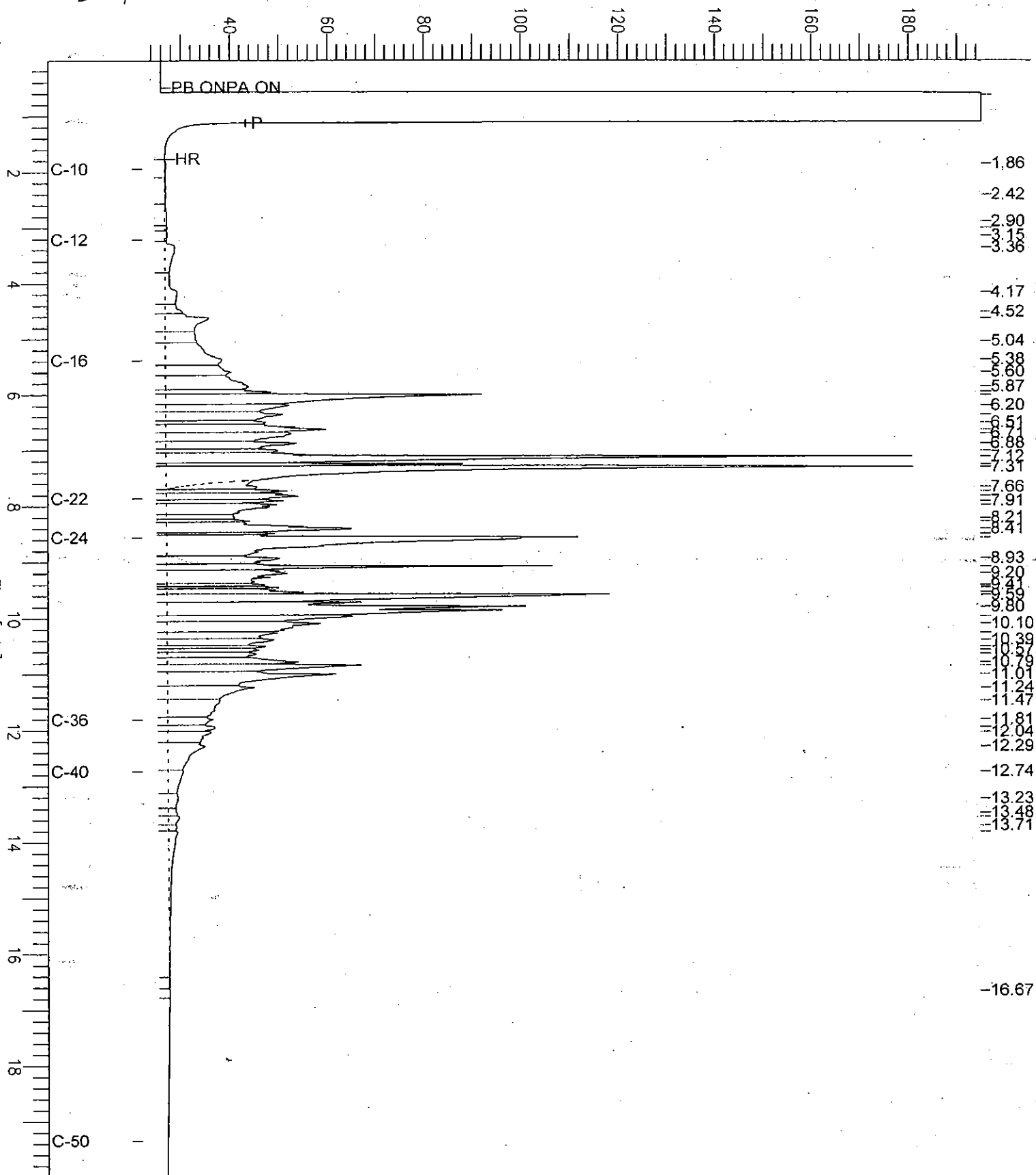
End Time : 19.99 min  
Plot Offset : 22 mV

Sample #: 101697  
Date : 5/5/05 08:17 AM  
Time of Injection: 5/5/05 01:18 AM  
Low Point : 22.20 mV  
Plot Scale: 173.0 mV  
High Point : 195.18 mV

Page 1 of 1

B-1

Response [mV]



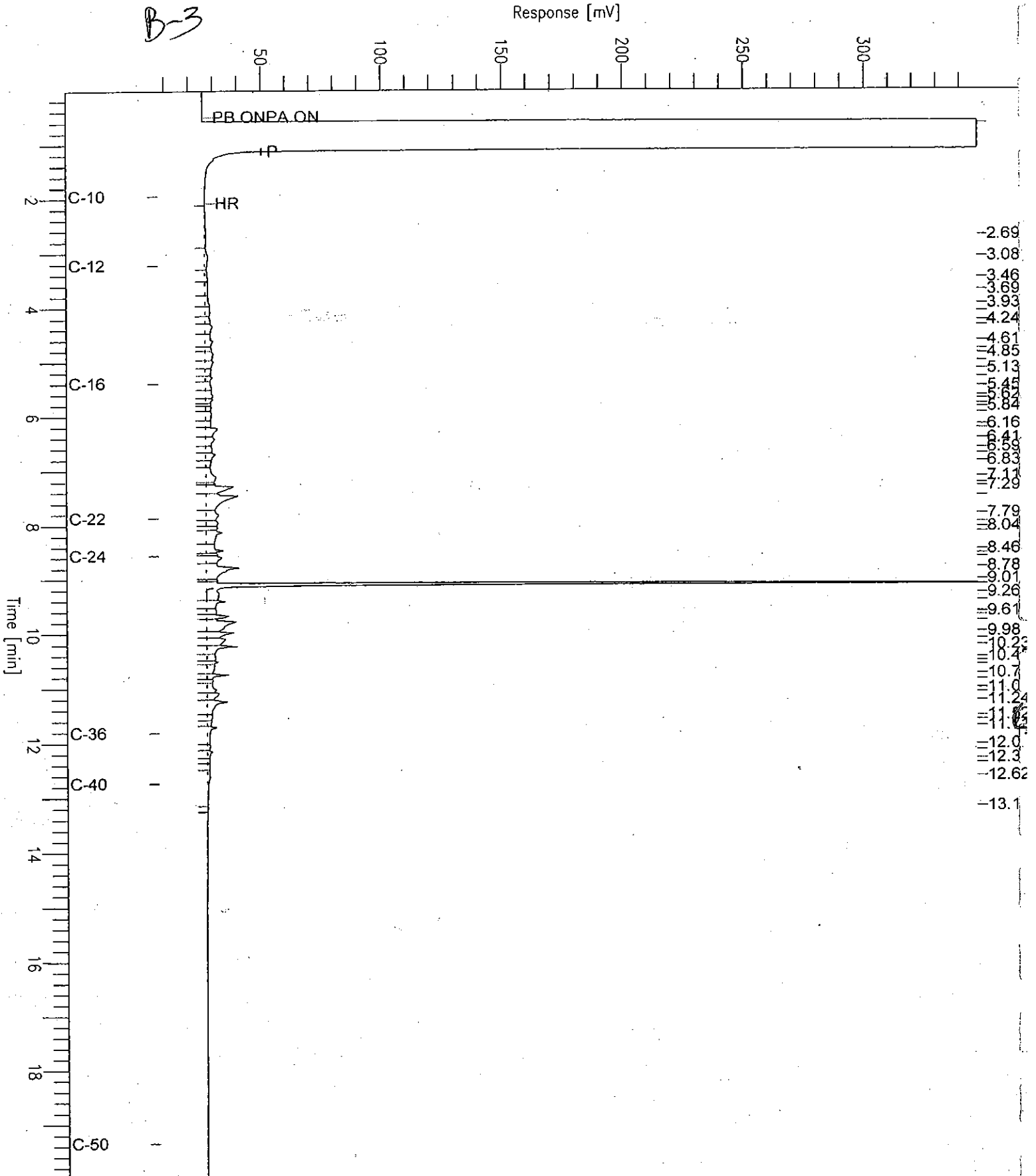
# Chromatogram

Sample Name : 179230-002,101697  
FileName : G:\GC15\CHB\124B028.RAW  
Method : BTEH122S.MTH  
Start Time : 0.01 min  
Scale Factor: 0.0

End Time : 19.99 min  
Plot Offset: 7 mV

Sample #: 101697  
Date : 5/5/05 08:16 AM  
Time of Injection: 5/4/05 11:51 PM  
Low Point : 7.39 mV  
Plot Scale: 340.2 mV

Page 1 of 1



### Total Extractable Hydrocarbons

Lab #:	179230	Location:	Oakland-JLS
Client:	Secor International	Prep:	EPA 3520C
Project#:	040T.29220.52	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	05/03/05
Units:	ug/L	Received:	05/03/05
Batch#:	101697	Prepared:	05/03/05

Field ID:	B-6	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	05/05/05
Lab ID:	179230-004		

Analyte	Result	RL
Diesel C10-C24	8,100 L Y	50

Surrogate	%REC	Limits
Hexacosane	106	55-143

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC292524	Analyzed:	05/04/05

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	106	55-143

H= Heavier hydrocarbons contributed to the quantitation  
 L= Lighter hydrocarbons contributed to the quantitation  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 D= Diluted Out  
 ND= Not Detected  
 RL= Reporting Limit

Page 2 of 2

# Chromatogram

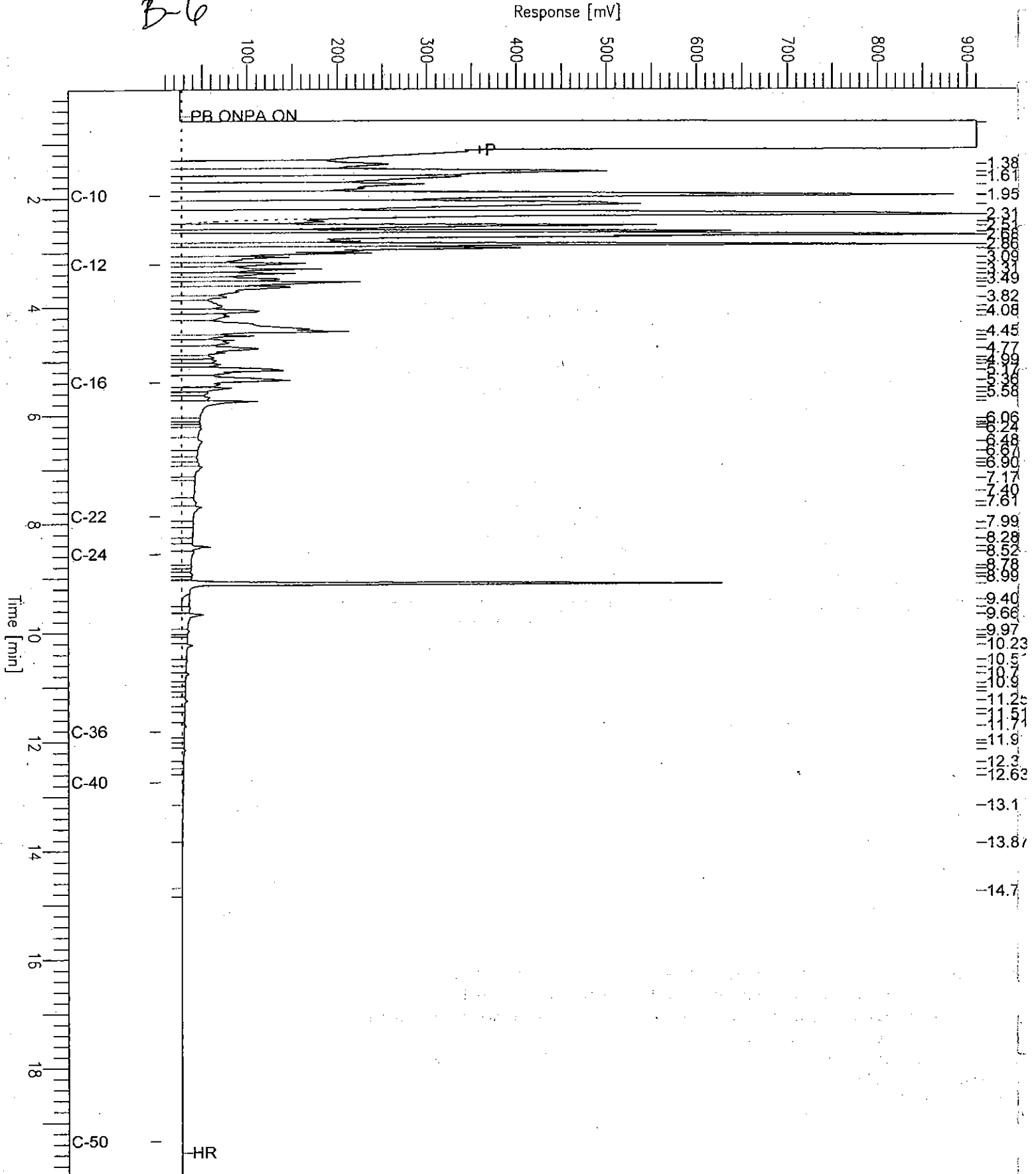
Sample Name : 179230-004,101697  
FileName : G:\GC15\CHB\124B030.RAW  
Method : BTEH122S.MTH  
Start Time : 0.01 min  
Scale Factor: 0.0

End Time : 19.99 min  
Plot Offset: 4 mV

Sample #: 101697  
Date : 5/5/05 08:17 AM  
Time of Injection: 5/5/05 12:49 AM  
Low Point : 3.60 mV  
Plot Scale: 907.1 mV  
High Point : 910.69 mV

Page 1 of 1

B-6



# Chromatogram

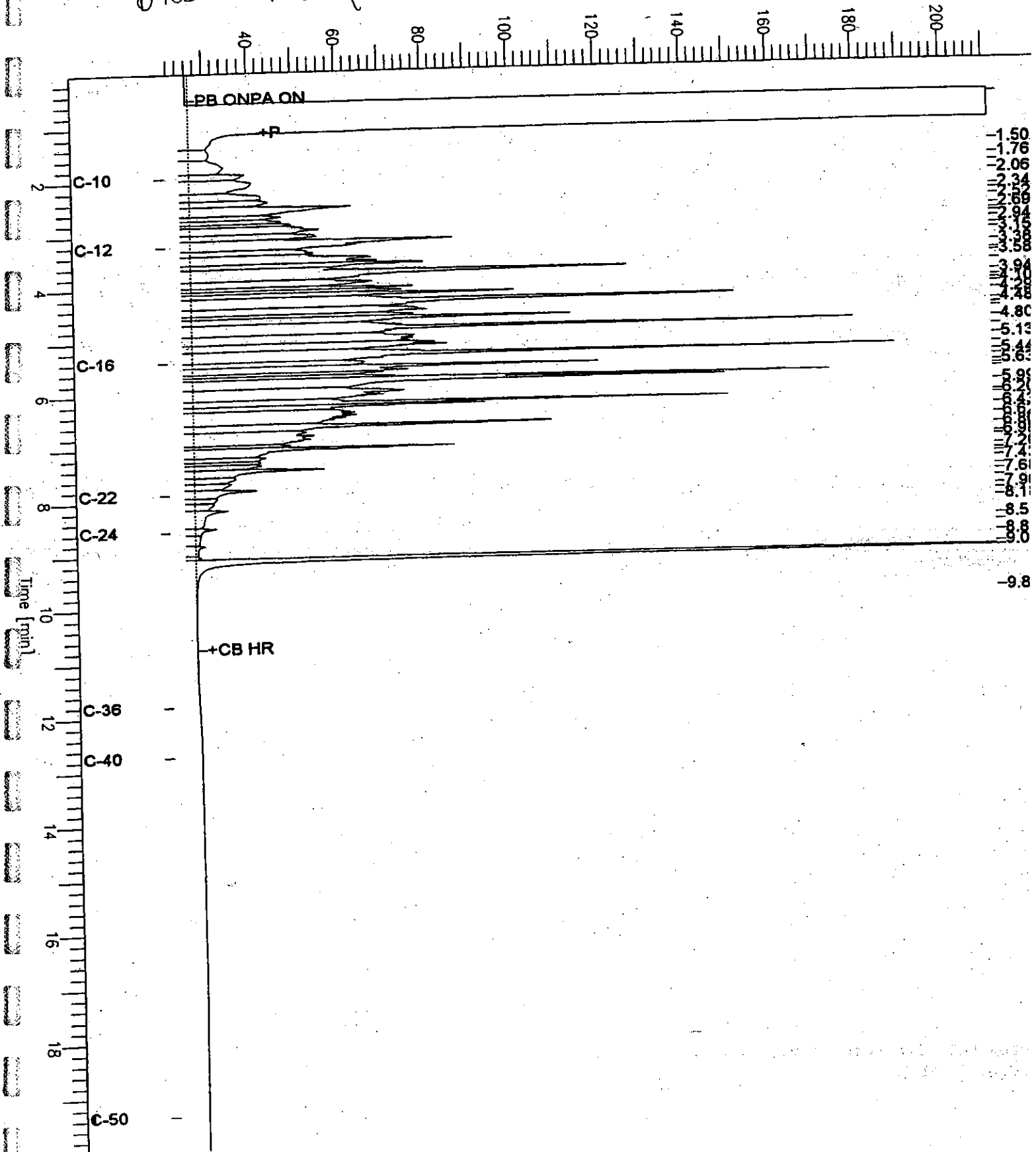
Sample Name : ccv,S467,ds1  
FileName : G:\GC15\CHB\1248003.RAW  
Method : BTEH122S.MTH  
Start Time : 0.01 min  
Scale Factor: 0.0

End Time : 19.99 min  
Plot Offset: 21 mV

Sample #: 500mg/L  
Date : 5/4/05 12:17 PM  
Time of Injection: 5/4/05 11:19 AM  
Low Point : 21.17 mV  
High Point : 211.02 mV  
Plot Scale: 189.9 mV

*Diesel Standard*

Response [mV]



## Batch QC Report

## Total Extractable Hydrocarbons

Lab #:	179230	Location:	Oakland-JLS
Client:	Secor International	Prep:	EPA 3520C
Project#:	040T.29220.52	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	101697
Units:	ug/L	Prepared:	05/03/05
Diln Fac:	1.000	Analyzed:	05/04/05

Type: BS Lab ID: QC292525

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,626	105	50-133

Surrogate	%REC	Limits
Hexacosane	107	55-143

Type: BSD Lab ID: QC292526

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,553	102	50-133	3	40

Surrogate	%REC	Limits
Hexacosane	106	55-143

### Total Extractable Hydrocarbons

Lab #:	179230	Location:	Oakland-JLS
Client:	Secor International	Prep:	SHAKER TABLE
Project#:	040T.29220.52	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	05/03/05
Units:	mg/Kg	Received:	05/03/05
Basis:	as received	Prepared:	05/04/05
Batch#:	101711	Analyzed:	05/04/05

Field ID:	B-1@10'	Lab ID:	179230-005
Type:	SAMPLE	Diln Fac:	1.000

Analyte	Result	RL
Diesel C10-C24	6.0 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	102	51-136

Field ID:	B-1@5'	Lab ID:	179230-006
Type:	SAMPLE	Diln Fac:	1.000

Analyte	Result	RL
Diesel C10-C24	44 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	121	51-136

Field ID:	B-2@6'	Lab ID:	179230-007
Type:	SAMPLE	Diln Fac:	1.000

Analyte	Result	RL
Diesel C10-C24	39 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	93	51-136

H= Heavier hydrocarbons contributed to the quantitation  
 L= Lighter hydrocarbons contributed to the quantitation  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 D= Diluted Out  
 ND= Not Detected  
 RL= Reporting Limit





# Chromatogram

Sample Name : 179230-006,101711  
FileName : G:\GC15\CHB\124B014.RAW  
Method : BTEH122S.MTH  
Start Time : 0.01 min  
Scale Factor: 0.0

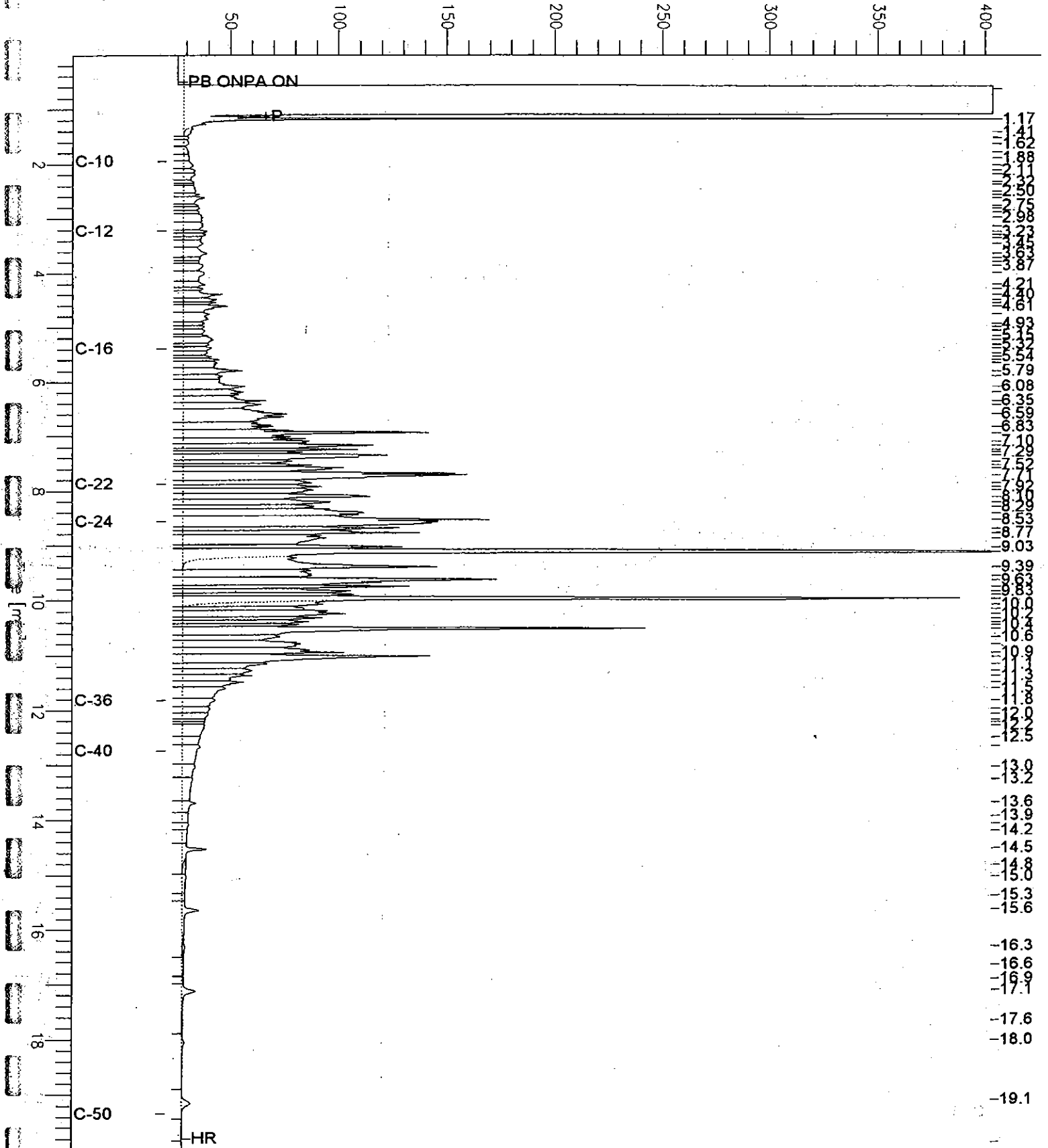
End Time : 19.99 min  
Plot Offset: 21 mV

Sample #: 101711  
Date : 5/4/05 05:27 PM  
Time of Injection: 5/4/05 05:06 PM  
Low Point : 20.98 mV  
Plot Scale: 382.8 mV

Page 1 of 1

B-1 @ 5'

Response [mV]



# Chromatogram

Sample Name : 179230-007,101711

Sample #: 101711

Page 1 of 1

FileName : G:\GC15\CHB\124B015.RAW

Date : 5/4/05 05:56 PM

Method : BTEH122S.MTH

Time of Injection: 5/4/05 05:35 PM

Start Time : 0.01 min End Time : 19.99 min

Low Point : 23.87 mV

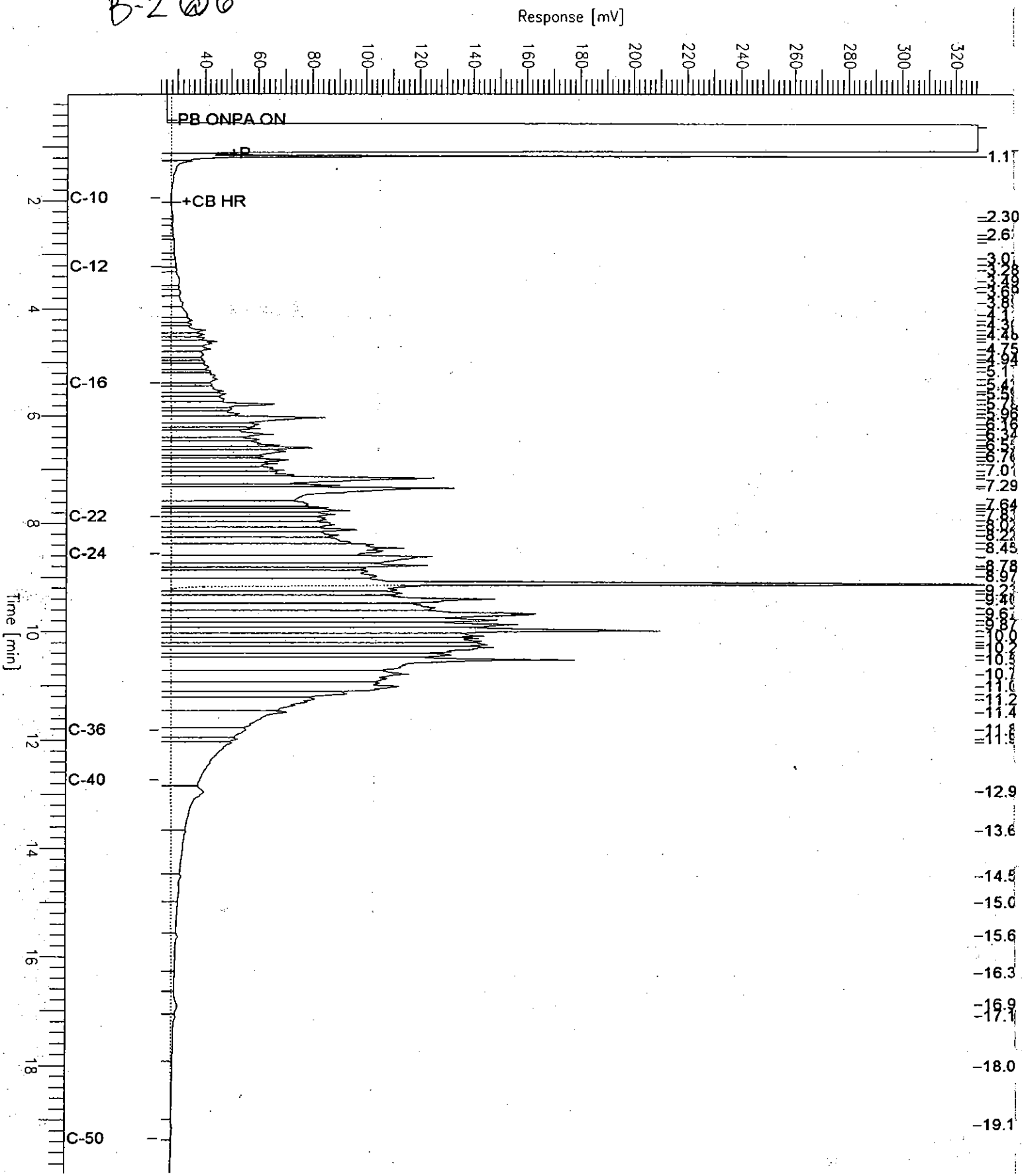
High Point : 328.35 mV

Scale Factor: 0.0

Plot Offset: 24 mV

Plot Scale: 304.5 mV

B-2 @ 6



### Total Extractable Hydrocarbons

Lab #:	179230	Location:	Oakland-JLS
Client:	Secor International	Prep:	SHAKER TABLE
Project#:	040T.29220.52	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	05/03/05
Units:	mg/Kg	Received:	05/03/05
Basis:	as received	Prepared:	05/04/05
Batch#:	101711	Analyzed:	05/04/05

Field ID:	B-3@7'	Lab ID:	179230-008
Type:	SAMPLE	Diln Fac:	10.00

Analyte	Result	RL
Diesel C10-C24	390 L Y	10

Surrogate	%REC	Limits
Hexacosane	DO	51-136

Field ID:	B-3@12'	Lab ID:	179230-009
Type:	SAMPLE	Diln Fac:	1.000

Analyte	Result	RL
Diesel C10-C24	ND	0.99

Surrogate	%REC	Limits
Hexacosane	99	51-136

Field ID:	B-4@5'	Lab ID:	179230-010
Type:	SAMPLE	Diln Fac:	1.000

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
Hexacosane	104	51-136

- H= Heavier hydrocarbons contributed to the quantitation
- L= Lighter hydrocarbons contributed to the quantitation
- V= Sample exhibits chromatographic pattern which does not resemble standard
- D= Diluted Out
- ND= Not Detected
- RL= Reporting Limit

# Chromatogram

Sample Name : 179230-008,101711

Sample #: 101711

Page 1 of 1

FileName : G:\GC15\CHB\124B022.RAW

Date : 5/5/05 08:13 AM

Method : BTEH122S.MTH

Time of Injection: 5/4/05 08:57 PM

Start Time : 0.01 min

End Time : 19.99 min

Low Point : 7.48 mV

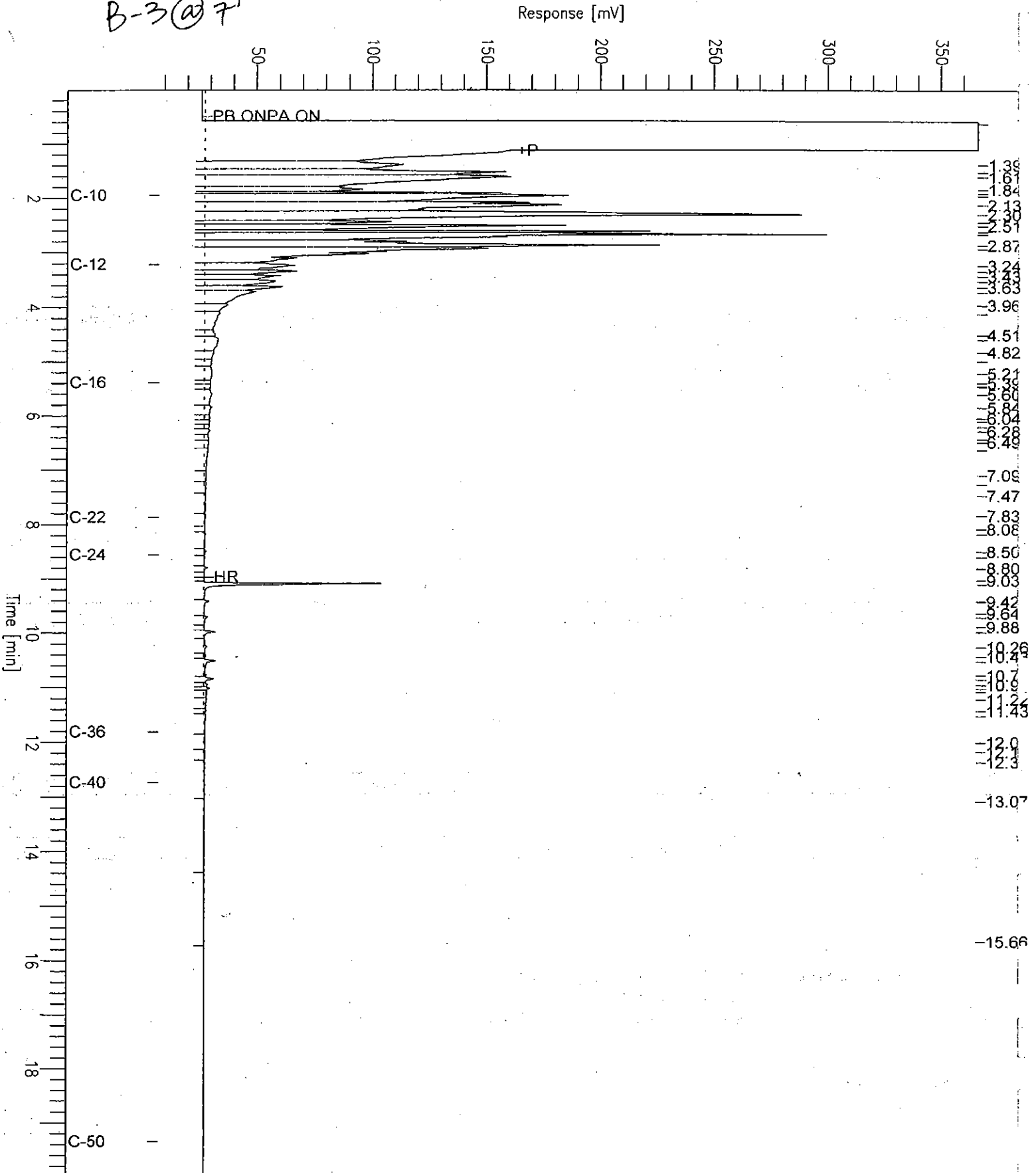
High Point : 366.45 mV

Scale Factor: 0.0

Plot Offset: 7 mV

Plot Scale: 359.0 mV

B-3 @ 7'



# Chromatogram

Sample Name : ccv,S467,dsl  
FileName : G:\GC13\CHB\124B003.RAW  
Method : BTEH115S.MTH  
Start Time : 0.01 min  
Scale Factor: 0.0

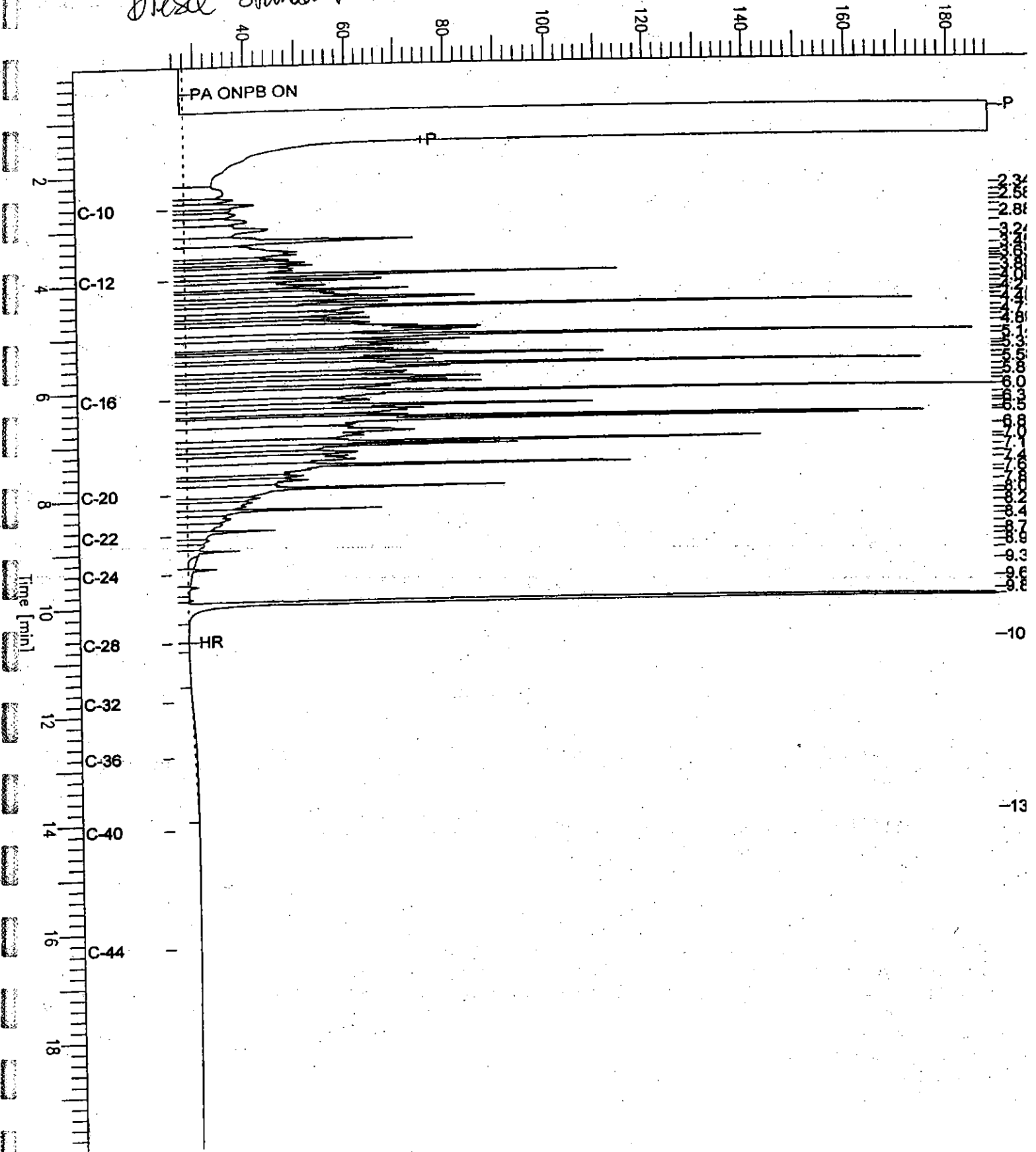
End Time : 19.99 min  
Plot Offset: 25 mV

Sample #: 500mg/L  
Date : 5/4/05 02:42 PM  
Time of Injection: 5/4/05 02:00 PM  
Low Point : 24.86 mV  
Plot Scale: 163.4 mV  
High Point : 188.27 mV

Page 1 of 1

*Diesel Standard*

Response [mV]



### Total Extractable Hydrocarbons

Lab #:	179230	Location:	Oakland-JLS
Client:	Secor International	Prep:	SHAKER TABLE
Project#:	040T.29220.52	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	05/03/05
Units:	mg/Kg	Received:	05/03/05
Basis:	as received	Prepared:	05/04/05
Batch#:	101711	Analyzed:	05/04/05

Field ID: B-6@8'                      Lab ID: 179230-011  
 Type: SAMPLE                      Diln Fac: 1.000

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
Hexacosane	94	51-136

Field ID: B-6                              Lab ID: 179230-012  
 Type: SAMPLE                      Diln Fac: 1.000

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
Hexacosane	93	51-136

Type: BLANK                              Diln Fac: 1.000  
 Lab ID: QC292579

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
Hexacosane	89	51-136

H= Heavier hydrocarbons contributed to the quantitation  
 L= Lighter hydrocarbons contributed to the quantitation  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 DO= Diluted Out  
 ND= Not Detected  
 RL= Reporting Limit  
 Page 3 of 3

## Batch QC Report

## Total Extractable Hydrocarbons

Lab #:	179230	Location:	Oakland-JLS
Client:	Secor International	Prep:	SHAKER TABLE
Project#:	040T.29220.52	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC292580	Batch#:	101711
Matrix:	Soil	Prepared:	05/04/05
Units:	mg/Kg	Analyzed:	05/04/05
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.60	45.03	91	52-137

Surrogate	%REC	Limits
Hexacosane	87	51-136

## Batch QC Report

## Total Extractable Hydrocarbons

Lab #:	179230	Location:	Oakland-JLS
Client:	Secor International	Prep:	SHAKER TABLE
Project#:	040T.29220.52	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	101711
MSS Lab ID:	179144-001	Sampled:	04/27/05
Matrix:	Soil	Received:	04/28/05
Units:	mg/Kg	Prepared:	05/04/05
Basis:	as received	Analyzed:	05/04/05
Diln Fac:	5.000		

Type: MS Lab ID: QC292581

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	31.81	49.80	79.29	95	11-169

Surrogate	%REC	Limits
Hexacosane	111	51-136

Type: MSD Lab ID: QC292582

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.22	85.95	108	11-169	8	49

Surrogate	%REC	Limits
Hexacosane	115	51-136





**Centrum  
Analytical  
Laboratories, Inc.**

CERTIFIED HAZARDOUS WASTE TESTING MOBILE & IN HOUSE LABORATORIES

Client: SECOR  
25864-F Business Center Drive  
Redlands, CA 92374-4515

Date Sampled: 05/03/05  
Date Received: 05/04/05  
Job Number: 26233

Project: Oakland - JLS

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**CASE NARRATIVE**

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The following information applies to samples which were received on 05/04/05:

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 05/11/05.

**8260B:** Samples B-1, B-3, B-4 and B-6 were received at a pH greater than 2.

Report approved by:

Tom Wilson  
Laboratory Director

ELAP Lab# 2419, 2479, 2527, 2373, 2562

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions.

ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Reporting Limit.

NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.

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951•779•0310 or 800•798•9336 fax 951•779•0344  
www.centrum-labs.com 1401 Research Park Drive, Suite 100, Riverside, CA 92507



**QC Sample Report - Lead by EPA 6010B**

Matrix: Soil  
Batch Number: 6010S3332

**Batch Accuracy Results**

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Lead	50	98	75 - 125	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: 26223-3

Compound	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Lead	48.34	50.16	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike                      LCS: Laboratory Control Sample  
MSD: Matrix Spike Duplicate        LCSD: Laboratory Control Sample Duplicate



**Metals by EPA 6010B and EPA 7471A**

Client: SECOR  
 Project: Oakland - JLS  
 Job No: 26233  
 Matrix: Soil  
 Analyst: TLB

Date Sampled: 05/03/05  
 Date Received: 05/04/05  
 Date Digested: 05/04/05  
 Date Analyzed: 05/05/05  
 Batch Number: 6010S3332  
 7471S1208

Metals	Method	Sample ID:	Blank	B-6@2'	B-6@5'	B-10@2'	B-10@5'	B-3@2'
		RL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Antimony	6010B	5.0	ND	ND	ND	ND	ND	ND
Arsenic	6010B	1.0	ND	3.2	1.8	6.0	2.3	4.3
Barium	6010B	0.50	ND	59	30	130	50	110
Beryllium	6010B	0.50	ND	ND	ND	ND	ND	ND
Cadmium	6010B	0.50	ND	ND	ND	0.85	ND	0.52
Chromium	6010B	0.50	ND	30	32	19	24	27
Cobalt	6010B	0.50	ND	3.0	2.2	5.4	2.5	4.8
Copper	6010B	1.5	ND	7.8	5.1	870	16	57
Lead	6010B	1.0	ND	27	3.9	320	180	160
Molybdenum	6010B	5.0	ND	ND	ND	ND	ND	ND
Nickel	6010B	1.0	ND	11	10	16	11	16
Selenium	6010B	5.0	ND	ND	ND	ND	ND	ND
Silver	6010B	2.0	ND	ND	ND	ND	ND	ND
Thallium	6010B	5.0	ND	ND	ND	ND	ND	ND
Vanadium	6010B	5.0	ND	19	19	21	17	22
Zinc	6010B	10	ND	19	10	410	36	130
Mercury	7471A	0.02	ND	0.05	ND	0.81	0.08	2.0



**Volatile Hydrocarbons as Gasoline by GCMS**

Client: SECOR  
 Project: Oakland - JLS  
 Job No.: 26233  
 Matrix: Soil  
 Analyst: JL

Date Sampled: 05/03/05  
 Date Received: 05/04/05  
 Date Analyzed: 05/04-05/05  
 Batch Number: MS2TPHGS851

Sample ID	Reporting Limit mg/Kg	Volatile Hydrocarbons as Gasoline mg/Kg
Method Blank	0.50	ND
B-1@5'	0.50	ND
B-1@10'	0.50	ND
B-2@6'	0.50	ND
B-3@7'	125	160
B-3@12'	0.50	ND
B-4@5'	0.50	ND
B-6@8'	0.50	ND
B-6@12'	0.50	ND
B-6@2'	0.50	ND
B-6@5'	0.50	ND
B-10@2'	0.50	ND
B-10@5'	0.50	ND
B-3@2'	0.50	ND
B-3@5'	0.50	1.1

**QC Sample Report - Volatile Hydrocarbons as Gasoline by GCMS**

Matrix: Soil  
Batch Number: MS2TPHGS851

**Batch Accuracy Results**

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Gasoline	2.0	105	70 - 130	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Gasoline	2.10	2.24	6%	25%	Pass

Analytical Notes:

MS: Matrix Spike

LCS: Laboratory Control Sample

MSD: Matrix Spike Duplicate

LCSD: Laboratory Control Sample Duplicate





**QC Sample Report - Volatile Hydrocarbons as Gasoline by GCMS**

Matrix: Water  
Batch Number: MS4TPHGW3466

**Batch Accuracy Results**

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Gasoline	2.0	107	70 - 130	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Gasoline	2.15	2.39	11%	25%	Pass

Analytical Notes:

MS: Matrix Spike                      LCS: Laboratory Control Sample  
MSD: Matrix Spike Duplicate        LCSD: Laboratory Control Sample Duplicate

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
 Project: Oakland - JLS  
 Job No.: 26233  
 Matrix: Soil  
 Analyst: JL

Date Sampled: 05/03/05  
 Date Received: 05/04/05  
 Date Analyzed: 05/04-05/05  
 Batch Number: MS28260S851

Compounds	Sample ID: RL	Blank mg/Kg	B-1@5' mg/Kg	B-1@10' mg/Kg	B-2@6' mg/Kg	B-3@12' mg/Kg	B-4@5' mg/Kg
Acetone	0.050	ND	ND	ND	ND	ND	ND
tert-Amyl Methyl Ether (TAME)	0.005	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
tert-Butanol (TBA)	0.020	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.010	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.010	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.010	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
Project: Oakland - JLS  
Job No.: 26233  
Matrix: Soil  
Analyst: JL

Date Sampled: 05/03/05  
Date Received: 05/04/05  
Date Analyzed: 05/04-05/05  
Batch Number: MS28260S851

Compounds	Sample ID: RL	Blank mg/Kg	B-1@5' mg/Kg	B-1@10' mg/Kg	B-2@6' mg/Kg	B-3@12' mg/Kg	B-4@5' mg/Kg
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	0.005	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Ethyl tert-Butyl Ether (EtBE)	0.005	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.010	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	0.005	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.050	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.010	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (MTBE)	0.005	ND	ND	ND	ND	ND	ND
Naphthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	0.009	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	0.002	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	0.001	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes, m,p-	0.002	ND	ND	ND	ND	ND	ND
Xylene, o-	0.001	ND	0.001	ND	ND	ND	ND

**Surrogates in % Recovery** (Acceptance Limits: 70 - 130%)

Sample ID:	Blank	B-1@5'	B-1@10'	B-2@6'	B-3@12'	B-4@5'
Dibromofluoromethane	98	99	99	97	98	100
Toluene-d8	100	99	100	100	101	99
Bromofluorobenzene	116	102	114	115	115	100

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
Project: Oakland - JLS  
Job No.: 26233  
Matrix: Soil  
Analyst: JL

Date Sampled: 05/03/05  
Date Received: 05/04/05  
Date Analyzed: 05/04-05/05  
Batch Number: MS28260S851

Compounds	Sample ID:	B-6@8'	B-6@12'	B-6@2'	B-6@5'	B-10@2'	B-10@5'
	RL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Acetone	0.050	ND	ND	ND	ND	ND	ND
tert-Amyl Methyl Ether (TAME)	0.005	ND	ND	ND	ND	ND	ND
Benzene	0.001	ND	ND	ND	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND	ND	ND	ND
Bromoform	0.005	ND	ND	ND	ND	ND	ND
Bromomethane	0.005	ND	ND	ND	ND	ND	ND
tert-Butanol (TBA)	0.020	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.010	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.010	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND	ND	ND	ND
Chloroethane	0.005	ND	ND	ND	ND	ND	ND
Chloroform	0.002	ND	ND	ND	ND	ND	ND
Chloromethane	0.001	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.010	ND	ND	ND	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
Project: Oakland - JLS  
Job No.: 26233  
Matrix: Soil  
Analyst: JL

Date Sampled: 05/03/05  
Date Received: 05/04/05  
Date Analyzed: 05/04-05/05  
Batch Number: MS28260S851

Compounds	Sample ID:	B-6@8'	B-6@12'	B-6@2'	B-6@5'	B-10@2'	B-10@5'
	RL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
cis-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	0.005	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Ethyl tert-Butyl Ether (EtBE)	0.005	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND	ND	ND	ND
2-Hexanone	0.010	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND	ND	ND	ND
Methylene chloride	0.050	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	0.010	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (MtBE)	0.005	ND	ND	ND	ND	ND	ND
Naphthalene	0.002	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND	ND	ND	ND
Styrene	0.001	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.001	ND	0.004	ND	ND	ND	ND
Toluene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND	ND	ND	ND
Xylenes, m-,p-	0.002	ND	ND	ND	ND	ND	ND
Xylene, o-	0.001	ND	ND	ND	ND	ND	ND

**Surrogates in % Recovery** (Acceptance Limits: 70 - 130%)

Sample ID:	B-6@8'	B-6@12'	B-6@2'	B-6@5'	B-10@2'	B-10@5'
Dibromofluoromethane	99	99	99	99	102	106
Toluene-d8	100	101	99	101	97	100
Bromofluorobenzene	113	114	103	111	98	108

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
Project: Oakland - JLS  
Job No.: 26233  
Matrix: Soil  
Analyst: JL

Date Sampled: 05/03/05  
Date Received: 05/04/05  
Date Analyzed: 05/04-05/05  
Batch Number: MS28260S851

Compounds	Sample ID:	B-3@2'	B-3@5'
	RL	mg/Kg	mg/Kg
Acetone	0.050	ND	ND
tert-Amyl Methyl Ether (TAME)	0.005	ND	ND
Benzene	0.001	ND	ND
Bromobenzene	0.005	ND	ND
Bromochloromethane	0.005	ND	ND
Bromodichloromethane	0.001	ND	ND
Bromoform	0.005	ND	ND
Bromomethane	0.005	ND	ND
tert-Butanol (TBA)	0.020	ND	ND
2-Butanone (MEK)	0.010	ND	ND
n-Butylbenzene	0.002	ND	0.014
sec-Butylbenzene	0.002	ND	ND
tert-Butylbenzene	0.002	ND	ND
Carbon disulfide	0.010	ND	ND
Carbon tetrachloride	0.001	ND	ND
Chlorobenzene	0.001	ND	ND
Chloroethane	0.005	ND	ND
Chloroform	0.002	ND	ND
Chloromethane	0.001	ND	ND
2-Chlorotoluene	0.002	ND	ND
4-Chlorotoluene	0.002	ND	ND
Dibromochloromethane	0.002	ND	ND
1,2-Dibromoethane	0.002	ND	ND
1,2-Dibromo-3-chloropropane	0.010	ND	ND
Dibromomethane	0.001	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND
Dichlorodifluoromethane	0.005	ND	ND
1,1-Dichloroethane	0.001	ND	ND
1,2-Dichloroethane	0.001	ND	ND
1,1-Dichloroethene	0.005	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND
1,2-Dichloropropane	0.001	ND	ND
1,3-Dichloropropane	0.001	ND	ND
2,2-Dichloropropane	0.001	ND	ND
1,1-Dichloropropene	0.001	ND	ND

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
Project: Oakland - JLS  
Job No.: 26233  
Matrix: Soil  
Analyst: JL

Date Sampled: 05/03/05  
Date Received: 05/04/05  
Date Analyzed: 05/04-05/05  
Batch Number: MS28260S851

Compounds	Sample ID:	B-3@2'	B-3@5'
	RL	mg/Kg	mg/Kg
cis-1,3-Dichloropropene	0.001	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND
Diisopropyl Ether (DIPE)	0.005	ND	ND
Ethylbenzene	0.001	ND	0.007
Ethyl tert-Butyl Ether (EtBE)	0.005	ND	ND
Hexachlorobutadiene	0.001	ND	ND
2-Hexanone	0.010	ND	ND
Isopropylbenzene	0.001	ND	0.004
p-Isopropyltoluene	0.002	ND	0.003
Methylene chloride	0.050	ND	ND
4-Methyl-2-pentanone	0.010	ND	ND
Methyl tert-Butyl Ether (MtBE)	0.005	ND	ND
Naphthalene	0.002	ND	0.052
n-Propylbenzene	0.001	ND	0.020
Styrene	0.001	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND
Tetrachloroethene	0.001	ND	ND
Toluene	0.001	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND
Trichloroethene	0.001	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND
Trichlorofluoromethane	0.001	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	0.055
1,3,5-Trimethylbenzene	0.001	ND	ND
Vinyl chloride	0.002	ND	ND
Xylenes, m-,p-	0.002	ND	0.005
Xylene, o-	0.001	ND	ND

**Surrogates in % Recovery** (Acceptance Limits: 70 - 130%)

Sample ID:	B-3@2'	B-3@5'
Dibromofluoromethane	103	99
Toluene-d8	97	99
Bromofluorobenzene	99	111

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
 Project: Oakland - JLS  
 Job No.: 26233  
 Matrix: Soil  
 Analyst: JL

Date Sampled: 05/03/05  
 Date Received: 05/04/05  
 Date Analyzed: 05/04-05/05  
 Batch Number: MS28260S851

Sample ID: B-3@7'		
Compounds	RL	mg/Kg
Acetone	13	ND
tert-Amyl Methyl Ether (TAME)	1.25	ND
Benzene	0.25	ND
Bromobenzene	1.25	ND
Bromochloromethane	1.25	ND
Bromodichloromethane	0.25	ND
Bromoform	1.25	ND
Bromomethane	1.25	ND
tert-Butanol (TBA)	5.0	ND
2-Butanone (MEK)	2.5	ND
n-Butylbenzene	0.50	1.6
sec-Butylbenzene	0.50	ND
tert-Butylbenzene	0.50	ND
Carbon disulfide	2.5	ND
Carbon tetrachloride	0.25	ND
Chlorobenzene	0.25	ND
Chloroethane	1.3	ND
Chloroform	0.50	ND
Chloromethane	0.25	ND
2-Chlorotoluene	0.50	ND
4-Chlorotoluene	0.50	ND
Dibromochloromethane	0.50	ND
1,2-Dibromoethane	0.50	ND
1,2-Dibromo-3-chloropropane	2.50	ND
Dibromomethane	0.25	ND
1,2-Dichlorobenzene	0.25	ND
1,3-Dichlorobenzene	0.50	ND
1,4-Dichlorobenzene	0.50	ND
Dichlorodifluoromethane	1.3	ND
1,1-Dichloroethane	0.25	ND
1,2-Dichloroethane	0.25	ND
1,1-Dichloroethene	1.3	ND
cis-1,2-Dichloroethene	0.50	ND
trans-1,2-Dichloroethene	0.50	ND
1,2-Dichloropropane	0.25	ND
1,3-Dichloropropane	0.25	ND
2,2-Dichloropropane	0.25	ND
1,1-Dichloropropene	0.25	ND



**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
 Project: Oakland - JLS  
 Job No.: 26233  
 Matrix: Soil  
 Analyst: JL

Date Sampled: 05/03/05  
 Date Received: 05/04/05  
 Date Analyzed: 05/04-05/05  
 Batch Number: MS28260S851

Sample ID: B-3@7'		
Compounds	RL	mg/Kg
cis-1,3-Dichloropropene	0.25	ND
trans-1,3-Dichloropropene	0.25	ND
Diisopropyl Ether (DIPE)	1.3	ND
Ethylbenzene	0.25	ND
Ethyl tert-Butyl Ether (EtBE)	1.3	ND
Hexachlorobutadiene	0.25	ND
2-Hexanone	2.50	ND
Isopropylbenzene	0.25	0.82
p-Isopropyltoluene	0.50	ND
Methylene chloride	1.3	ND
4-Methyl-2-pentanone	2.5	ND
Methyl tert-Butyl Ether (MTBE)	1.3	ND
Naphthalene	0.50	4.5
n-Propylbenzene	0.25	3.4
Styrene	0.25	ND
1,1,1,2-Tetrachloroethane	0.25	ND
1,1,2,2-Tetrachloroethane	0.50	ND
Tetrachloroethene	0.25	ND
Toluene	0.25	ND
1,2,3-Trichlorobenzene	0.50	ND
1,2,4-Trichlorobenzene	0.50	ND
1,1,1-Trichloroethane	0.25	ND
1,1,2-Trichloroethane	0.75	ND
Trichloroethene	0.25	ND
1,2,3-Trichloropropane	0.75	ND
Trichlorofluoromethane	0.25	ND
Trichlorotrifluoroethane	1.3	ND
1,2,4-Trimethylbenzene	0.25	ND
1,3,5-Trimethylbenzene	0.25	ND
Vinyl chloride	0.50	ND
Xylenes, m,p-	0.50	ND
Xylene, o-	0.25	ND

**Surrogates in % Recovery (Acceptance Limits: 70 - 130%)**

Sample ID: B-3@7'	
Dibromofluoromethane	100
Toluene-d8	101
Bromofluorobenzene	116

**QC Sample Report - Volatile Organic Compounds by EPA 8260B**

Matrix: Soil  
Batch Number: MS28260S851

**Batch Accuracy Results**

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
1,1-Dichloroethene	0.050	104	70 - 130	Pass
Benzene	0.050	90	70 - 130	Pass
Trichloroethene	0.050	99	70 - 130	Pass
Toluene	0.050	96	70 - 130	Pass
Chlorobenzene	0.050	94	70 - 130	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
1,1-Dichloroethene	0.0522	0.0524	0%	25%	Pass
Benzene	0.0451	0.0500	10%	25%	Pass
Trichloroethene	0.0496	0.0510	3%	25%	Pass
Toluene	0.0483	0.0517	7%	25%	Pass
Chlorobenzene	0.0468	0.0538	14%	25%	Pass

Analytical Notes:

MS: Matrix Spike  
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample  
LCSD: Laboratory Control Sample Duplicate

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
Project: Oakland - JLS  
Job No.: 26233  
Matrix: Water  
Analyst: GF

Date Sampled: 05/03/05  
Date Received: 05/04/05  
Date Analyzed: 05/04-05/05  
Batch Number: MS48260W3466

Compounds	Sample ID: RL	Blank µg/L	B-1 µg/L	B-2 µg/L	B-3 µg/L	B-4 µg/L	B-6 µg/L
Acetone	50	ND	ND	ND	ND	ND	ND
tert-Amyl Methyl Ether (TAME)	5.0	ND	ND	ND	ND	ND	ND
Benzene	0.5	ND	ND	ND	15	ND	ND
Bromobenzene	1.0	ND	ND	ND	ND	ND	ND
Bromochloromethane	1.0	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.5	ND	ND	ND	ND	ND	ND
Bromoform	0.5	ND	ND	ND	ND	ND	ND
Bromomethane	2.0	ND	ND	ND	ND	ND	ND
tert-Butanol (TBA)	10	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	10	ND	ND	ND	ND	ND	ND
n-Butylbenzene	1.0	ND	ND	ND	60	ND	ND
sec-Butylbenzene	0.5	ND	ND	ND	20	ND	ND
tert-Butylbenzene	0.5	ND	ND	ND	ND	ND	ND
Carbon disulfide	10	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.5	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.5	ND	ND	ND	ND	ND	ND
Chloroethane	0.5	ND	ND	ND	ND	ND	ND
Chloroform	0.5	ND	ND	ND	ND	ND	ND
Chloromethane	2.0	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.5	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.5	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.5	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.5	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	10	ND	ND	ND	ND	ND	ND
Dibromomethane	0.5	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.5	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	1.0
1,1-Dichloroethene	0.5	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.5	ND	ND	ND	ND	ND	0.7
trans-1,2-Dichloroethene	0.5	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.5	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.5	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.5	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.5	ND	ND	ND	ND	ND	ND

**Volatile Organic Compounds by EPA 8260B**

Client: SECOR  
Project: Oakland - JLS  
Job No.: 26233  
Matrix: Water  
Analyst: GF

Date Sampled: 05/03/05  
Date Received: 05/04/05  
Date Analyzed: 05/04-05/05  
Batch Number: MS48260W3466

Compounds	Sample ID: RL	Blank µg/L	B-1 µg/L	B-2 µg/L	B-3 µg/L	B-4 µg/L	B-6 µg/L
cis-1,3-Dichloropropene	0.5	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.5	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	5.0	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.5	ND	ND	ND	51	ND	ND
Ethyl tert-Butyl Ether (EtBE)	5.0	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND
2-Hexanone	10	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.5	ND	ND	ND	57	ND	ND
p-Isopropyltoluene	0.5	ND	ND	ND	3.3	ND	ND
Methylene chloride	50	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	5.0	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MtBE)	1.0	ND	ND	ND	ND	ND	ND
Naphthalene	0.5	ND	ND	ND	160	ND	ND
n-Propylbenzene	0.5	ND	ND	ND	160	ND	ND
Styrene	0.5	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.5	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.0	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.5	ND	ND	ND	ND	ND	8.2
Toluene	0.5	ND	ND	ND	6.0	ND	ND
1,2,3-Trichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.5	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.5	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.5	ND	ND	ND	ND	ND	ND
Trichloroethene	0.5	ND	ND	ND	ND	ND	1.5
1,2,3-Trichloropropane	0.5	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.5	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	5.0	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.5	ND	ND	ND	90	ND	ND
1,3,5-Trimethylbenzene	0.5	ND	ND	ND	24	ND	ND
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND
Xylenes, m,p-	1.0	ND	ND	ND	29	ND	ND
Xylene, o-	0.5	ND	ND	ND	1.5	ND	ND

**Surrogates in % Recovery (Acceptance Limits: 70 - 130%)**

Sample ID:	Blank	B-1	B-2	B-3	B-4	B-6
Dibromofluoromethane	98	98	98	101	104	100
Toluene-d8	103	102	103	107	106	103
Bromofluorobenzene	100	100	101	103	101	101

**QC Sample Report - Volatile Organic Compounds by EPA 8260B**

Matrix: Water

Batch Number: MS48260W3466

**Batch Accuracy Results**

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (µg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
1,1-Dichloroethene	50	102	70 - 130	Pass
Benzene	50	103	70 - 130	Pass
Trichloroethene	50	101	70 - 130	Pass
Toluene	50	112	70 - 130	Pass
Chlorobenzene	50	93	70 - 130	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: 26224-3

Compound	MS Sample Result (µg/L)	MSD Sample Result (µg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
1,1-Dichloroethene	58.39	54.60	7%	25%	Pass
Benzene	57.29	52.56	9%	25%	Pass
Trichloroethene	91.05	83.47	9%	25%	Pass
Toluene	56.90	53.00	7%	25%	Pass
Chlorobenzene	49.90	46.89	6%	25%	Pass

Analytical Notes:

MS: Matrix Spike

LCS: Laboratory Control Sample

MSD: Matrix Spike Duplicate

LCSD: Laboratory Control Sample Duplicate

SEC

**RUSH**

**SECOR CHAIN-OF-CUSTODY RECORD**

COC # **03911**  
Page **1** of **2**

*\* CONTIN IN 22 \**

FIELD OFFICE INFORMATION		PROJECT INFORMATION				ANALYSES / METHOD REQUEST					REMARKS / PRECAUTIONS			
OFFICE: <b>REDANIX</b>	Project No.: <b>040T.29220.22</b> Task:	Project Name: <b>OAKLAND - JLS</b>				Number of Containers	TPH - gasoline	VOCs 82608	<del>Lead</del>	Lead 6000	STLC Pb	TCLP Pb	TAT	REPORTING REQUIREMENTS
Send Report To: <b>JUSTIN HONE</b>	Project Manager: <b>JUSTIN HONE</b>	Laboratory: <b>CENTRUM</b>											<input type="checkbox"/> Normal	<input type="checkbox"/> MB & SURCS
Telephone: <b>909 335 6116</b>	Fax / E-Mail: <b>jhone@secor.com</b>												<input checked="" type="checkbox"/> Rush	<input type="checkbox"/> Dup/MS/MSD
Sample No. / Identification	Date	SAMPLE Time	Matrix	Container & Size	Preservative									
1 B-1 @ 5'	5/3/05	1045	soil	1-4oz glass	None	X	X	X	X	X	X	48 HOUR RUSH! EXTRA 50% IS OKAY JPH		
2 B-1 @ 10'	}	1110	soil	1-4oz glass	None	X	X	X	X	X	X			
3 B-1		1110	H2O	3-4oz VOA	HCl	X	X	X	X	X	X			
4 B-2 @ 6'		1235	soil	1-4oz glass	None	None	X	X	X	X	X			
5 B-2		1615	H2O	3-40ml VOA	HCl	None	X	X	X	X	X			
6 B-3 @ 7'8" @		1400	soil	1-4oz glass	None	None	X	X	X	X	X	#ID CORRECTION PER JUSTIN		
7 B-3 @ 12'		1415	soil	1-4oz glass	None	None	X	X	X	X	X			
8 B-3		1435	H2O	3-40ml VOA	HCl	None	X	X	X	X	X	Lead added by JPH		
9 B-4 @ 5'		0930	soil	1-4oz glass	None	None	X	X	X	X	X	1:40pm 5/4/05		
10 B-4		0945	H2O	3-40ml VOA	HCl	None	X	X	X	X	X			
11 B-6 @ 8'		1525	soil	1-4oz glass	None	None	X	X	X	X	X			
Possible Hazard Identification:					Sample Disposal									
<input type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Corrosive <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months									

Sampled by:		Shipment Method: <b>FED EX</b>		Airbill Number:		Date	Time
Signature	Print Name	Company					
1a Relinquished by: <i>JPH</i>	<b>JUSTIN HONE</b>	<b>SECOR</b>			<b>5/2/05</b>	<b>1650</b>	
1b Received by: <i>Jen Iniguez</i>	<b>JEN INIGUEZ</b>	<b>CENTRUM</b>			<b>5/4/05</b>	<b>10:00A</b>	<b>4°C</b>
2a Relinquished by:							
2b Received by:							
3a Relinquished by:							
3b Received by:							

\*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other \*\*Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other  
 @ STLCs + TCLPs added + given a new JN 26259 5/4/05 @ CHILLED + INTACT **M/VOA**

**QC Sample Report - Metals by EPA 6010B and EPA 7471A**

Matrix: Soil

**Metals by EPA 6010B**

Batch Number: 6010S3332

Spike Sample ID: Laboratory Control Sample

MS/MSD Sample ID: 26223-3

Analytical Notes:

Compound	Batch Accuracy Results				Batch Precision Results				
	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery	Acceptance Limits	Pass/Fail	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit
Antimony	50	107	75 - 125	Pass	44.79	46.45	4%	20%	Pass
Arsenic	50	101	75 - 125	Pass	48.98	48.27	1%	20%	Pass
Barium	50	90	75 - 125	Pass	75.89	78.93	4%	20%	Pass
Beryllium	50	98	75 - 125	Pass	45.61	44.47	3%	20%	Pass
Cadmium	50	100	75 - 125	Pass	41.34	41.28	0%	20%	Pass
Chromium	50	101	75 - 125	Pass	50.90	53.18	4%	20%	Pass
Cobalt	50	97	75 - 125	Pass	47.61	49.72	4%	20%	Pass
Copper	50	99	75 - 125	Pass	61.03	53.85	5%	20%	Pass
Lead	50	98	75 - 125	Pass	48.34	50.16	4%	20%	Pass
Molybdenum	50	97	75 - 125	Pass	42.05	42.61	1%	20%	Pass
Nickel	50	100	75 - 125	Pass	42.67	44.01	3%	20%	Pass
Selenium	50	97	75 - 125	Pass	43.26	43.19	0%	20%	Pass
Silver	50	102	75 - 125	Pass	47.03	46.27	2%	20%	Pass
Thallium	50	99	75 - 125	Pass	44.26	42.40	4%	20%	Pass
Vanadium	50	100	75 - 125	Pass	77.91	88.54	13%	20%	Pass
Zinc	50	102	75 - 125	Pass	91.05	109.6	18%	20%	Pass

**Mercury by EPA 7471A**

Batch Number: 7471S1208

Spike Sample ID: Laboratory Control Sample

MS/MSD Sample ID: 26223-3

Analytical Notes:

Compound	Batch Accuracy Results				Batch Precision Results				
	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery	Acceptance Limits	Pass/Fail	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit
Mercury	0.42	102	75 - 125	Pass	0.477	0.490	3%	20%	Pass

MS: Matrix Spike

LCS: Laboratory Control Sample

MSD: Matrix Spike Duplicate

LCSD: Laboratory Control Sample Duplicate

# RUSH

## SECOR CHAIN-OF-CUSTODY RECORD

\*Centrum JV 26233\*

COC # 03904

Page 2 of 2

FIELD OFFICE INFORMATION		PROJECT INFORMATION				Number of Containers	ANALYSES / METHOD REQUEST					REMARKS / PRECAUTIONS	
OFFICE:	Send Report To:	Project No.:	Task:	Project Name:	Project Manager:		Laboratory:	TPH - gasoline	VOCs 8260B	CAM 17	Lead 6010	STLC Pb	TAT
Redlands	JUSTIN HONE					CENTRUM							
Sample No. / Identification	Date	SAMPLE Time	Matrix	Container & Size	Preservative								
12 B-6 @ 12'	5/3/05	1550	soil	1-4oz glass	None		X	X			X		48 HOUR RUSH EXTRA 50% IS O.K. JPH
13 B-6 @ 2'		1510	soil	↓	↓		X	X	X				
14 B-6 @ 5'		1515	soil	↓	↓		X	X	X				
15 B-6		1530	H2O	3-40ml vials	HCl		X	X					
16 B-10 @ 2'		1515	soil	1-4oz glass	None		X	X	X		X		
17 B-10 @ 5'		1520	soil	1-4oz glass	None		X	X	X		X		
18 B-3 @ 2'			soil	1-4oz glass	None		X	X	X		X		
19 B-3 @ 5'			soil	1-4oz glass	None		X	X	X				

Possible Hazard Identification:  Non-hazardous  Flammable  Irritant  Corrosive  Unknown

Sample Disposal:  Return to Client  Dispose by Lab  Archive for Months

Sampled by:		Shipment Method: <b>FED EX</b>	Airbill Number:	
Signature	Print Name	Company	Date	Time
1a Relinquished by: <i>JPH</i>	JUSTIN HONE	SECOR	5/3/05	1650
1b Received by: <i>Jen Iniguez</i>	JEN INIGUEZ	CENTRUM	5/4/05	10:00A
2a Relinquished by:				
2b Received by:				
3a Relinquished by:				
3b Received by:				

\*Matrix Key: AQ=Aqueous AR=Air SO=Soil WA=Waste OT=Other \*\*Container: A=Amber C=Clear Glass V=VOA S=Soil Jar O=Orbo T=Tedlar B=Brass P=Plastic Other

Added & given a new JV 26259 5/9/05 GQ

CHILLED & INTACT **M/VOA**





**Centrum  
Analytical  
Laboratories, Inc.**

CERTIFIED HAZARDOUS WASTE TESTING MOBILE & IN HOUSE LABORATORIES

Client: SECOR  
25864-F Business Center Drive  
Redlands, CA 92374-4515

Date Sampled: 05/03/05  
Date Received: 05/04/05  
Job Number: 26259

Project: Oakland Phase II

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**CASE NARRATIVE**

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The following information applies to samples which were received on 05/04/05:

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 05/16/05.

Report approved by:

2005.05.16  
*Tom Wilson* 14:47:53 -  
07'00'

Tom Wilson  
Laboratory Director

ELAP Lab# 2419, 2479, 2527, 2373, 2562

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions.  
ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Reporting Limit.  
NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.



**QC Sample Report - Lead by EPA 6010B**

Matrix: Water  
Batch Number: 6010W3336

**Batch Accuracy Results**

Spike Sample ID: Initial Calibration Verification Standard

Compound	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Lead	1.00	102	75 - 125	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: Initial Calibration Verification Standard

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Lead	1.020	1.009	1%	20%	Pass

Analytical Notes:

MS: Matrix Spike  
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample  
LCSD: Laboratory Control Sample Duplicate





**QC Sample Report - Lead by EPA 6010B**

Matrix: Water  
Batch Number: 6010W3335

**Batch Accuracy Results**

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Lead	1.00	102	75 - 125	Pass

Analytical Notes:

**Batch Precision Results**

MS/MSD Sample ID: B-4@5

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Lead	1.189	1.243	4%	20%	Pass

Analytical Notes:

MS: Matrix Spike                      LCS: Laboratory Control Sample  
MSD: Matrix Spike Duplicate        LCSD: Laboratory Control Sample Duplicate

\*CURRENT JN 26259\*

\*Centrum JN 26233\*



SECOR CHAIN-OF-CUSTODY RECORD

COC # 03911  
Page 1 of 2

OFFICE: <b>REDLANDS</b>	Project No.: <b>040T.29220.22</b> Task:
Send Report To: <b>JUSTIN HONE</b>	Project Name: <b>OAKLAND - JLS</b>
Telephone: <b>909 335 6116</b>	Project Manager: <b>JUSTIN HONE</b>
Fax/E-Mail: <b>jhone@secor.com</b>	Laboratory: <b>CENTRUM</b>

1  
2  
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11

Sample ID	Date	Volume	Matrix	Container	Notes
B-1 @ 5'	5/3/05	1045	soil	1-4oz glass	None
B-1 @ 10'		1110	soil	1-4oz glass	None
B-1		1110	H2O	3-4ml VOA	HCl
B-2 @ 6'		1235	soil	1-4oz glass	None
B-2		1615	H2O	3-40ml VOA	HCl
B-3 @ 7'8" @		1400	soil	1-4oz glass	None
B-3 @ 12'		1415	soil	1-4oz glass	None
B-3		1435	H2O	3-40ml VOA	HCl
B-4 @ 5'		0930	soil	1-4oz glass	None
B-4		0945	H2O	3-40ml VOA	HCl
B-6 @ 8'		1525	soil	1-4oz glass	None

TPH - gasoline	VOCs 82608	Lead	STLC Pb	TCLP Pb
X	X	X	X	
X	X	X		
X	X			
X	X	X		
X	X	X		
X	X	X		
X	X	X		
X	X	X	X	X
X	X	X		

48 HOUR RUSH!  
EXTRA 50%  
IS OKAY  
JPH  
\*ID CORRECTION PER JUSTIN  
lead added by J. Hone  
1:40pm 5/4/05

Sampled by:

Shipment Method: **FED EX**

Airbill Number:

Signature	Print Name	Company	Date	Time
Justin Hone	JUSTIN HONE	SECOR	5/2/05	1650
Jen Niquéz	JEN NIQUÉZ	CENTRUM	5/4/05	10:00A

\*Matrix Key: AQ=Aqueous AR=Air SO=Soil WA=Waste OT=Other \*\*Container: A=Amber C=Clear Glass V=VOA S=Soil Jar O=Orbo T=Tedlar B=Brass P=Plastic OT=Other

STLCs + TCLPs added + given a new JN 26259 5/4/05 @

CHILLED + INTACT **M/VOD**

4°C

\*Centrum JV. 20030\*

OFFICE: **REDLANDS**

Send Report To: **JUSTIN HONE**

Telephone:

Fax / E-Mail:

Project No.:

Task:

Project Name:

Project Manager:

Laboratory: **CENTRUM**

	TPH - gaso/line	VOCs 8260B	CAM 17	Lead 6010	STLC Pb	
12	X	X		X		48 Hour RUSH EXTRA 50% IS O.K. JMH
13	X	X				
14	X	X	X			
15	X	X	X			
16	X	X	X			
17	X	X	X			
18	X	X	X			
19	X	X	X			

	Sample ID	Date	Depth	Matrix	Container	Notes
12	B-6 @ 12'	5/3/05	1550	soil	1-4oz glass	None
13	B-6 @ 21'	}	1510	soil	1-4oz glass	None
14	B-6 @ 51'		1515	soil	1-4oz glass	None
15	B-6		1530	H2O	3-40ml vials	HCl
16	B-10 @ 21'		1515	soil	1-4oz glass	None
17	B-10 @ 51'		1520	soil	1-4oz glass	None
18	B-3 @ 21'			soil	1-4oz glass	None
19	B-3 @ 51'			soil	1-4oz glass	None

Sampled by: \_\_\_\_\_ Shipment Method: **FEDEx** Airbill Number: \_\_\_\_\_

Signature	Print Name	Company	Date	Time
Justin Hone	JUSTIN HONE	SECOR	5/3/05	16:50
Jen Iniguez	JEN INIGUEZ	CENTRUM	6/4/05	10:00A

\*Matrix Key: AQ=Aqueous AR=Air SO=Soil WA=Waste OT=Other \*\*Container: A=Amber C=Clear Glass V=VOA S=Soil Jar O=Orbo T=Teclar B=Brass P=Plastic Other  
 @ added & given a new JN 26259 5/9/05 QD  
 CHILLED & INTACT M/VOA