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September 25, 2002

Alameda County  
Environmental Health  
OCT 04 2002

Martin Samuels  
GREEN CITY DEVELOPMENT GROUP, INC.  
4048 Adeline Street  
Emeryville, California 94608

Clayton Project No. 70-03365.00

**Subject:** Phase I Environmental Site Assessment Report for the Former Dunne  
Paint Facility at 1007 41<sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline  
Street in Emeryville, California

Dear Mr. Samuels:

Clayton Group Services, Inc. (Clayton) is pleased to present our Phase I Environmental Site Assessment (ESA) report for the above-referenced subject property. Enclosed are three copies of the report.

We appreciate the opportunity to be of service. If you have any questions, please contact us at 925-426-2600.

Sincerely,

A handwritten signature in black ink, appearing to read "Jesse D. Edmands".

Jesse D. Edmands  
Supervisor  
Environmental Assessments  
Environmental Services

A handwritten signature in black ink, appearing to read "Jon A. Rosso".

Jon A. Rosso, P.E.  
Director  
Environmental Services

JDE/jde

CC: Marcia Gerg-Comerica Bank

Enclosure

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**Alameda County**  
**OCT 03 2002**  
**Environmental Health**

Phase I Environmental Site Assessment

**1007 41<sup>st</sup> Street  
Oakland/Emeryville and  
4050 Adeline Street  
Emeryville, California**

Clayton Project No. 70-03365.00  
September 25, 2002

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*Prepared for:*  
**GREEN CITY DEVELOPMENT GROUP, INC.**  
**Emeryville, California**

*Prepared by:*  
**CLAYTON GROUP SERVICES, INC.**  
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## EXECUTIVE SUMMARY

Martin Samuels of Green City Development Group, Inc. retained Clayton Group Services, Inc. (Clayton) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 1007 41<sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, Alameda County, California (subject property). This ESA was requested in association with a real estate transaction. Clayton understands that Green City Development Group, Inc. and Comerica Bank will rely on this report.

This Phase I ESA was performed in accordance with Clayton's proposal number 02SFOESD222 (dated August 21, 2002) and the terms and conditions therein and Comerica Bank's June 1997 (Revised July 9, 1997) *Comerica Guidance Document for Phase I Environmental Site Assessments*. Clayton used ASTM Designation E 1527-00 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* as a guideline. Any exceptions to, additions to, or deletions from the ASTM guidelines are described in the report. Details of the work performed, sources of information, and findings are presented in the report. Limitations of the ESA are described in Sections 1.3 and 1.4.

The approximately 1-acre subject property currently consists of several interconnecting warehouse-type buildings that were constructed over time. Currently, the buildings are primarily used for residential occupancy or are otherwise vacant. The westernmost portions (about 9,500 square feet) consist of office and open warehouse space. The central and eastern portions contain multiple rooms/spaces that have been renovated for residential use. Several small buildings are also located southeast of the main buildings, which are used for residential occupancy. Total square footage of the buildings is reportedly 35,600 square feet. Asphalt-paved parking is present in the western portion, with concrete loading docks located along the southern portion (access from Adeline Street) and in the northern portion (access from 41<sup>st</sup> Street).

Historically, from at least 1903 to around 1952, the subject property was residentially developed in the central and western portions. From at least 1923 to around 1991, the eastern portions have been developed with paint manufacturing buildings. Additional paint manufacturing facilities were added to the west after the residential structures were removed. Paint manufacturing activities were reportedly conducted onsite by Frank W. Dunne Company/Dunne Quality Paints during this time period. From 1991 to the present, the subject property has been used for the retail sale of paints, which reportedly ceased sometime in the mid-1990s, and residential and general warehouse purposes.

Three main environmental investigations have been conducted at the subject property. These were conducted in 1988, 1992, and 1999 and included limited soil and groundwater sampling. These investigations were initially conducted to investigate six underground storage tanks (USTs) containing paint thinner located under the northern sidewalk. Two groundwater monitoring wells (MW-D1 and MW-D2) were installed in the UST backfill areas on the subject property and groundwater samples were

## EXECUTIVE SUMMARY (Continued)

subsequently collected from 1988 to 1999. In addition, a grab groundwater sample was collected from a boring (HP-4) in the southern portion of the subject property. Also, in 1992, six soil borings were advanced across the subject property. The results of these investigations are summarized below:

### Soil Evaluation

Frank W. Dunne Company/Dunne Paints Company operated the subject property from at least 1923 to 1991 for manufacturing of architectural coatings. Operations involved latex paint blending, varnish production, and solvent mixing primarily within the eastern and southern portions of the subject property. The regulatory records indicate that as many as 70 different types of hazardous materials were stored or used at the subject property. The operations included the use of 6 paint thinner USTs (the date of the installation of these USTs is not well understood), multiple aboveground storage tanks (ASTs), solvent mixing, and brick ovens for varnish production.

Soil evaluation activities commenced at the subject property in 1988, with the collection of multiple soil samples from 16 soil borings advanced near the former paint thinner USTs in the northern sidewalk. Elevated concentrations of total petroleum hydrocarbons were detected. These were quantified as mineral spirits (TPH-ms) with a maximum concentration of 27,391 parts per million (ppm); no analyses for other constituents were initially performed near the USTs. The USTs along with about 60 cubic yards of contaminated soil were reportedly removed in 1988.

In 1992, six additional soil borings (B-1 through B-6) were advanced to around 11 feet bgs with samples collected and analyzed at 4 and 7 feet bgs, respectively, within the several interior and exterior portions of the subject property. Analytical results indicated concentrations of TPH-ms in 5 of the 12 soil samples tested, with the highest concentration detected in B-6 (620 ppm) within the former paint manufacturing building. Mineral spirits odors and/or detectable concentrations were found in all borings. No concentrations of other TPH compounds or benzene, toluene, ethylbenzene or xylenes (BTEX, collectively) were detected in the soil samples. No other compounds were analyzed at these locations and no groundwater sampling was conducted.

In 1999, two additional soil borings (DV and DS) were advanced near an in ground vent and within an exposed patch of soil in the southern portion of the subject property, within the former varnish production area. Elevated concentrations of metals including zinc (4,100 ppm), mercury (2,700 ppm), and lead (1,900 ppm) were discovered in near surface soil in the DS boring. In addition, up to 15,000 ppm of TPH-ms was detected in near surface soil in the DS boring. Geotechnical borings advanced on the subject property in 2000 have also revealed petroleum odors to between 5 and 15 feet bgs. In addition, odors were noted in soil during hydropunch sampling (HP-4). No other soil samples have been reportedly collected at the subject property.

## EXECUTIVE SUMMARY (Continued)

In 1999, a soil vapor (flux chamber) sample was collected from the subject property in a room that was reportedly formerly used for solvent mixing. The soil vapor sample was analyzed for volatile organic compounds (VOCs). Concentrations of VOCs detected from the vapor sample collected on the subject property included methylene chloride (72 micrograms per m<sup>3</sup> (µg/m<sup>3</sup>), benzene (4.6 µg/m<sup>3</sup>), toluene (110 µg/m<sup>3</sup>), xylene (5.7 µg/m<sup>3</sup>), acetone (670 µg/m<sup>3</sup>), propanol (120 µg/m<sup>3</sup>), butanone (12 µg/m<sup>3</sup>), hexane (150 µg/m<sup>3</sup>), cyclohexane (19 µg/m<sup>3</sup>), ethanol (68 µg/m<sup>3</sup>), and TPH-hexane (1,800 µg/m<sup>3</sup>).

Through these soil investigations and geotechnical work, the presence of approximately 3 to 4 feet of fill of unknown origin and containing some debris, such as glass fragments, was found to exist at the subject property. The only soil samples collected within the reported fill material present at the subject property were the DV and DS samples at the surface, 2 and 3 feet bgs. The lateral and vertical extent of the fill has not been investigated across the subject property. Furthermore, the soil below the groundwater table has not been tested and will be excavated during future redevelopment activities.

The offsite disposal of excavated soil (reportedly over 10,000 cubic yards) will occur during the redevelopment activities planned for the subject property. Since this material is largely uncharacterized and the collected data indicates the presence of hazardous substances and petroleum products, special handling and soil disposal requirements will most likely apply. The lack of comprehensive soil data throughout the subject property is of environmental concern.

### Groundwater Evaluation

Groundwater quality has been evaluated at 3 locations on the subject property as follows: two groundwater monitoring wells (MW-D1 and MW-D2) installed in two of the UST backfills (northern sidewalk area) and from a temporary well HP-4 installed in the southern portion of the subject property, near the former ASTs. The HP-4 location was sampled for TPH-ms only, and was found to contain TPH-ms at 570 parts per billion (ppb). The monitoring wells were sampled between 9 and 10 times, respectively, from 1988 to 1999, with the maximum concentration of analytes being total purgeable petroleum hydrocarbons (TPPH)-non gasoline at 6,200 ppb and TPH-ms found at 1,600 ppb discovered in MW-D2. These wells were also analyzed for chlorinated VOCs between 2 and 3 times and no concentrations were detected. No other groundwater samples have been collected at the subject property.

The groundwater flow direction at the subject property has not been confirmed. For example, westerly and southwesterly groundwater flows have been reported. In addition, only one other groundwater sample has been collected at the subject property (HP-4 near the southern subject property), which was contaminated with 570 ppb of TPH-ms; the source of this contamination was unknown. Therefore, the downgradient and lateral extent of the groundwater contamination on the subject property does not appear to be

## EXECUTIVE SUMMARY (Continued)

well understood at this time. Furthermore, other compounds have been historically detected onsite and have not been tested for comprehensively in soil or groundwater across the subject property. These include metals (primarily lead, mercury, and zinc), VOCs including methylene chloride, which were historically used onsite, and semi-VOCs (SVOCs).

Groundwater is expected to be encountered during the planned redevelopment activities and will be discharged offsite. In addition, dewatering activities beneath the future buildings are expected to occur based on the groundwater elevation. The lack of comprehensive groundwater characterization across the subject property is of environmental concern.

### Potential Source Areas

Based on review of previous environmental investigations and historical use of the subject property it does not appear that all of the former industrial use areas have been thoroughly investigated. To date, the environmental investigations have focused on the six former paint-thinner USTs in the northern sidewalk as the only source of contamination on subject property.

Our review of the limited data does indicate that other potential source areas could be involved such as the solvent mixing room, where elevated concentrations of VOCs and TPH were detected in soil vapor (flux chamber) samples, the former paint manufacturing building where 620 ppm of TPH-ms was detected in a soil sample, and the former ASTs in the southern portion of the property where a groundwater sample revealed 570 ppb of TPH-ms. Also, only limited soil sampling has been conducted throughout the building and in the former varnish production area, which contains multiple sumps and drains, some of them still containing liquids. The shallow soil sample collected in the varnish production area showed significantly elevated concentrations of metals and TPH-ms. In addition, the area of the westernmost office/warehouse portion of the subject property was historically used for outdoor storage of miscellaneous materials and the soil or groundwater quality in this area has not been investigated (petroleum odors were noted in geotechnical borings advanced in this area).

In summary, there appear to be several historic use areas, which have not been thoroughly investigated, including:

- Underground dispenser piping from the USTs to the southern portion of the subject property.
- Former varnish production area in the southern portion of the subject property consisting of brick ovens, drains, sumps, and aboveground piping.



## EXECUTIVE SUMMARY (Continued)

- Underground sewer systems, which may have received wastes, including the northern sump in the northern loading dock area and the drain in the southwestern corner of the parking lot.
- Former paint manufacturing building.
- Former solvent mixing room.
- Former outdoor AST area.
- Former office/warehouse building formerly used for outdoor storage of miscellaneous materials.
- The northern adjoining ONE property and the eastern adjoining California Linens property both have significant groundwater contamination issues and are located upgradient from the subject property. Contaminant plumes may have migrated underneath the subject property. In addition, the eastern adjoining warehouse was an appliance manufacturer in the late 1960s and it is unknown if chemical releases from this property have occurred.

### Regulatory Status

The subject property, along with the northern and eastern adjoining properties, has been under the oversight of the Alameda County Environmental Health Department (ACEHD) since the late 1980s. However, regulatory requirements to date have been associated with the leaking USTs only and the regulatory case remains active. To resolve the outstanding environmental issues and allow the residential development of the property, Block Environmental Services (BES) submitted a Risk Management Plan for subject property and the northern adjoining property (ONE property) to ACEHD for review and approval. Based on the available data, BES concluded that the UST release is the primary source of identified contamination at the subject property and the release appears to be suitable for risk-based closure based on the following:

- Source has been removed;
- Nature of contamination;
- Limited potential for contaminant migration;
- Further site remediation is economically infeasible;
- Natural degradation of contaminants appears to be occurring; and

## EXECUTIVE SUMMARY (Continued)

- Site contamination does not pose an adverse risk to human health and the environment due to incomplete exposure pathways.

The RMP stated that prior to demolition, approximately 9 cubic yards of soil contaminated with high concentrations of TPH-ms and metals will be removed from the 2-foot by 3-foot exposed rectangular patch of soil in the former varnish production area. This area will be excavated to a depth of 1.5 feet bgs.

In addition, following the demolition of the onsite buildings, soil samples will be taken and analyzed for TPH-ms prior to excavation activities, to determine disposal options. An undisclosed quantity of soil will be excavated and disposed of offsite to a depth of 4 feet below groundwater level. Shoring will be installed along the subject property perimeter. Upon encountering the groundwater table, groundwater will be filtered and discharged offsite. A waterproof membrane will be installed over the shoring. Ultimately, building foundations will cap all the remaining onsite soils.

TPH-ms was identified as the only chemical of concern for the subject property and northern adjoining property. The greatest potential risk for exposure was identified as the onsite workers during demolition activities. However, based on the lack of toxicity information available for TPH-ms, complete exposure point concentrations could not be quantified by BES.

According to Ms. Donna Drogis, the manager of the Local Oversight Program (LOP) of the ACEHD, she is not satisfied with the Risk Management Plan (RMP) that has been prepared for the subject property. Ms. Drogis further stated that regulatory case closure is not foreseen in the near future. Ms. Drogis stated that she is not satisfied with the investigations to date and that further delineation is needed to characterize the soil and groundwater conditions of the subject property. In addition, Ms. Drogis stated that the northern adjoining ONE property and eastern adjoining California Linens properties have groundwater impacts that may have migrated under the subject property. Ms. Drogis suggested that the responsible party for the contamination issues at the subject property meet with the ACEHD to appropriately delineate future investigative activities. Therefore, the current regulatory status of the subject property appears to be an environmental concern.

### REC Summary

In the professional opinion of Clayton, an appropriate level of inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability and no evidence or indication of recognized environmental conditions (RECs) has been revealed, except for the following:

- With regards to the largely uncharacterized soil and groundwater quality at the subject property and the uninvestigated potential source areas, Clayton recommends

## EXECUTIVE SUMMARY (Continued)

conducting a subsurface investigation to characterize all of the potential sources areas and understand the nature and extent of groundwater contamination on the subject property. This investigation should be conducted in coordination with the ACEHD.

- Redevelopment plans include the mass excavation of the subject property to a depth of 6 to 12 feet, bgs including excavation of 3 to 4 feet of fill of unknown origin and soil from below the groundwater surface. Insufficient soil data has been collected to fully characterize the subsurface conditions. Clayton recommends comprehensively characterizing the soil to be excavated (including the fill material) across the entire subject property prior to excavation in order to allow for waste profiling, appropriate offsite disposal, and worker health and safety protection.
- To facilitate the construction of the proposed below grade structure, groundwater will be extracted and discharged. Long-term operation of the below grade basement structure may also generate contaminated groundwater. Groundwater water quality information should be collected to allow the discharge to be treated and permitted. In addition, offsite properties to the north and east are known to contain significant groundwater contamination that could be drawn on to the property during dewatering activities. Clayton recommends collecting grab groundwater samples from the subject property's upgradient boundaries (northern and eastern) in order to evaluate the potential migration of contaminant plumes underneath the subject property and associated waste discharge requirements.
- Currently, the previous environmental investigations performed to date and the RMP do not apparently satisfy the lead regulatory oversight agency (ACEHD) and future delineation of the subject property is needed. Clayton recommends meeting with the ACEHD to fully understand the status of this property and to appropriately plan the future investigative activities in order to facilitate regulatory case closure.

Because recognized environmental conditions were identified during the performance of the Phase I investigation, further investigation and/or assessment is warranted in order to determine the nature, extent, magnitude and materiality of recognized environmental conditions at the subject property. The estimated cost of the additional investigations, which we believe is necessary, ranges from \$30,000 to \$40,000. Other significant environmental costs will be incurred during excavation/dewatering activities and to resolve regulatory issues and receive site closure.

## 1.0 INTRODUCTION

Martin Samuels of Green City Development Group, Inc. retained Clayton Group Services, Inc. (Clayton) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 1007 41<sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, Alameda County, California (subject property). This ESA was requested in association with a real estate transaction. Clayton understands that Green City Development Group, Inc. and Comerica Bank will rely on this report.

### 1.1 PURPOSE

The purpose of this Phase I ESA is to qualify for the innocent landowner defense to CERCLA liability. Good commercial and customary practice for conducting environmental site assessments has the goal of providing an independent, professional opinion regarding *recognized environmental conditions*, as defined by ASTM, associated with the subject property. The term *recognized environmental conditions* is defined as “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.” The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.” Conditions determined to be *de minimis* are not recognized environmental conditions. Also, as detailed in Section 1.2, Clayton evaluated the property with respect to other environmental issues.

### 1.2 METHODOLOGY AND EXCEPTIONS

This Phase I ESA was performed in accordance with Clayton’s proposal number 02SFOESD222 (dated August 21, 2002) and the terms and conditions therein and Comerica Bank’s June 1997 (Revised July 9, 1997) *Comerica Guidance Document for Phase I Environmental Site Assessments*. Clayton used ASTM Designation E 1527-00 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* as a guideline. Resumes of environmental professionals involved in the assessment are provided in Appendix A. The assessment included the following components, which are designed to aid in the discovery and evaluation of recognized environmental conditions; no sampling or analysis of soil, groundwater or other materials was conducted:

- A site walkthrough inspection of the subject property for visual evidence of potential environmental concerns including existing or potential soil and groundwater contamination, as evidenced by soil or pavement staining or discoloration, stressed vegetation; indications of waste dumping or burial, pits, ponds, or lagoons; containers

of hazardous substances or petroleum products; electrical and hydraulic equipment that may contain polychlorinated biphenyls (PCBs), such as electrical transformers and hydraulic hoists; and underground and aboveground storage tanks (USTs and ASTs).

- An investigation of historical use of the subject property by examining locally available aerial photographs and other readily available historical information, such as fire insurance maps, for evidence of potential environmental concerns associated with prior land use.
- A review of information available on general geology and topography of the subject property, local groundwater conditions, and sources of water and power.
- A review of environmental records associated with the subject property available from the property owner or onsite contact including regulatory agency reports, permits, registrations, and consultants' reports for evidence of potential environmental concerns.
- A review of publicly available records from local and state regulatory agencies.
- A subject property line visual assessment of adjacent properties for evidence of potential offsite environmental concerns that may affect the subject property.
- A review of a commercial database summary of federal, state, and local regulatory agency records pertinent to the subject property and offsite facilities located within ASTM-specified search distances from the subject property.
- Interviews with personnel knowledgeable of onsite operations, as available, regarding current and previous uses of the property, particularly activities involving hazardous substances and petroleum products.
- Peer review existing environmental reports.
- Evaluation of information gathered and development of this report.

### 1.3 LIMITING CONDITIONS OF ASSESSMENT

Information for the ESA was obtained from sources listed in Appendix B. This information, to the extent it was relied on to form our opinion, is assumed to be correct and complete. Clayton is not responsible for the quality or content of information from these sources. The following limitation was encountered:

- Historical subject property use information was obtained from 1903 to the present. Per ASTM, historical property uses “shall be identified from the present, back to the *property's obvious* first developed use [including agricultural and fill activities], or back to 1940, whichever is earlier.” However, based on Clayton’s experience, other historical records which may satisfy ASTM’s historical use requirement, but were not

reviewed during this assessment, are not considered to be (1) reasonably ascertainable and/or (2) likely to be sufficiently useful, accurate, or complete. Additional historical research, beyond the scope of this Phase I ESA update, would need to be conducted to ascertain subject property uses prior to 1903.

The information and opinions rendered in this report are exclusively for use by Green City Development Group, Inc. and Comerica Bank. Clayton will not distribute or publish this report without the consent of Green City Development Group, Inc. except as required by law or court order. The information and opinions expressed in this report are given in response to a limited assignment by Green City Development Group, Inc. and should be considered and implemented only in light of that assignment. The services provided by Clayton in completing this project were consistent with normal standards of the profession. No other warranty, expressed or implied, is made.

Clayton warrants that the services, findings, and/or recommendations provided to Comerica Incorporated, its affiliates and subsidiaries, and their respective successors and assigns (individually and collectively "Comerica"), have been prepared, performed, and rendered in accordance with procedures, practices, and standards generally accepted and customary in the consultant's profession for use in similar assignments. Clayton will indemnify, save, and hold harmless Comerica from and against any and all losses, costs, expenses and liabilities, including without limit, reasonable attorneys fees, which are attributable to the breach of the above warranty, up to an aggregate amount of \$1,000,000 (One Million Dollars), notwithstanding any limitation (expressed or implied) contained in any other agreement or document relating to the services, findings, and/or recommendations provided by Clayton.

## **2.0 SUBJECT PROPERTY/PARCEL DESCRIPTION**

### **2.1 SUBJECT PROPERTY LOCATION**

The subject property is located at 1007 41<sup>st</sup> Street in the City of Emeryville and Oakland and at 4050 Adeline Street in the City of Emeryville, County of Alameda, State of California. The subject property is located in a residential/light industrial setting. According to the Alameda County Assessor's Office, the assessor's parcel numbers (APNs) for the subject property are 012-1022-001, 012-1022-002 (located in the City of Oakland), and 049-1022-001 (located in the City of Emeryville). The current owner is Chad J. McNamee. The subject property location is depicted on Figure 1.

### **2.2 CURRENT USE OF SUBJECT PROPERTY**

The approximately 1-acre subject property currently consists of several interconnecting warehouse-type buildings that were constructed over time. Currently, the buildings are primarily used for residential occupancy or are otherwise vacant. The westernmost portions (about 9,500 square feet) consist of office and open warehouse space. The central and eastern portions contain multiple rooms/spaces that have been renovated for

residential use. Several small buildings are also located southeast of the main buildings, which are used for residential occupancy. Total square footage of the buildings is reportedly 35,600 square feet. Asphalt-paved parking is present in the western portion, with concrete loading docks located along the southern portion (access from Adeline Street) and in the northern portion (access from 41<sup>st</sup> Street). The current subject property plan is depicted on Figure 2.

### 2.3 CURRENT USES OF ADJOINING PROPERTIES

The adjoining properties generally consist of residential and light industrial-type properties. Adjoining properties were observed from the vantage of the subject property or from public access areas for indications of activities with the potential to pose an environmental concern to the subject property. The general uses and relative location of the adjoining properties are depicted in Figure 2. The uses and features of adjoining properties are described below:

- **North:** 41<sup>st</sup> Street with Oakland National Engravers (known as ONE) at 1001 41<sup>st</sup> Street/1001 42<sup>nd</sup> Street located to the northeast and multiple residences located to the northwest. Farther northwest across the intersection of 41<sup>st</sup> Street and Adeline Street is Anna Yates Elementary School (1070 41<sup>st</sup> Street) and farther to the northeast across the intersection of 41<sup>st</sup> Street and Linden Street are residences.
- **East:** Asphalt-paved parking lot and warehouse building with Linden Street and California Linen Rental Company, Inc. (989 41<sup>st</sup> Street) located beyond.
- **South:** National Engravers (4000 and 4044 Adeline Street) with 40<sup>th</sup> Street located beyond.
- **West:** Adeline Street with a residence located beyond.

The adjoining properties do not appear to present an environmental concern to the subject property, based on visual observations and information obtained during the assessment, except for the northern, eastern, and possibly the southern adjoining properties (see Sections 3.2, 3.4, 3.6 and 4.0).

### 2.4 PHYSICAL SETTING

#### 2.4.1 Physiography

According to the United States Geological Survey's (USGS) 1997 *7.5-Minute Series Oakland West, California Quadrangle Topographic Map*, the elevations at and around the subject property range from about 40 to 60 feet above mean sea level (amsl). In addition, according to measurements recorded during the surveying of several groundwater monitoring wells on the subject property and vicinity (see Section 3.6), the general elevation of the subject property is around 50 feet amsl. Also, the eastern portions of the subject property appear to be at a higher elevation with respect to the

western portions. Also, a hump or mound sloping north and south is present in the western parking lot. Regional topography is relatively flat with a gentle slope downward to the southwest. The nearest surface water body to the subject property is San Francisco Bay located approximately 1 mile to the west.

#### 2.4.2 Geology

According to Hageman-Aguiar, Inc. (1992), the subject property is underlain by Quaternary Alluvium overlying Franciscan bedrock. Bedrock is likely to occur at a depth of greater than 50 feet below ground surface (bgs). The subject property is located in the San Francisco Bay Plain, and as such contains fine-grained soils (*e.g.*, silts and clays), with the majority of shallow groundwater movement occurring in thin sand and gravel layers.

In 2000, Subsurface Consultants, Inc. conducted a geotechnical investigation on the subject property. Several Cone Penetrometer Testing (CPT) and hollow stem auger borings were advanced on the subject property. Lithologic data collected indicated that the subject property is underlain by about 3 feet of fill consisting of medium stiff to stiff silty clay with sand. Below the fill, alluvial deposits generally consisting of medium stiff to very stiff lean silty clay with varying amounts of sand and gravel were encountered to the maximum depth explored of about 51.5 feet bgs.

#### 2.4.3 Hydrology

According to Hageman-Aguiar, Inc. (1992), based on elevation data obtained from two onsite groundwater monitoring wells (MW-D1 and MW-D2) as well as a third well located on the northern adjoining property, the groundwater flow direction was determined to be to the southwest.

According to the 2000 *Groundwater, Soil, & Air Sampling Results* report prepared for the subject property by BES (summarized in Section 3.6), the average depth to groundwater at the subject property has been determined through the installation of groundwater monitoring wells (MW-D1 and MW-D2) to be approximately 5 feet bgs. However, these wells were installed using unconventional methods and were installed in UST backfill and may not be representative of regional conditions. In 2000, groundwater was encountered at about 8 feet bgs (through CPT drilling) during a geotechnical investigation.

In addition, the local groundwater flow direction at the subject property and vicinity has been approximated through the monitoring of groundwater elevations in the two wells located on the subject property as well as 5 additional wells located in 41<sup>st</sup> Street and on the northern adjoining property and two wells on the eastern adjoining property (7 wells total). The flow direction has been generally determined to be towards the west; however, an exact determination has not been conducted due to the location of the wells and the inconsistency of groundwater elevations in a well (MW-B4) located towards the central portion of the well network, which may indicate a localized condition brought



about by the presence of a higher permeability layer (*i.e.*, sand lens). Please note that the local gradient under the subject property may be influenced naturally by zones of higher or lower permeability, or artificially by nearby pumping or recharge, and may deviate from the regional trend.

### 3.0 HISTORICAL AND AGENCY REVIEW

#### 3.1 AERIAL PHOTOGRAPHS

Aerial photographs, which include the subject property and adjoining properties, were reviewed at HJW GeoSpatial, Inc.-Pacific Aerial Division in Oakland, California and obtained from EDR. Photographs reviewed are summarized below:

- **1930 HJW Aerial Photograph Nos. GY-30-73 and 74; Scale: 1"=792'**

The subject property appears to be residentially and industrially developed and containing three residential-sized structures in the central portion, fronting 41<sup>st</sup> Street. In addition, a smaller building resembling a shed or barn is present in the southern portion, behind the three residences. The eastern portion appears to be a parking lot with several vehicles noted here. A fourth, larger building containing multiple floors is present in the extreme eastern portion, resembling the existing former paint mill building. The western portion appears undeveloped; however, a feature resembling a retaining wall appears to be present near Adeline Street, which appears to be present to the west with residential-sized structures located beyond.

The eastern adjoining property is developed with railroad tracks trending southwest to northeast, with Linden Street located beyond. The southern adjoining property appears to be developed with the existing building. 41<sup>st</sup> Street appears to be present bordering the northern subject property boundary with several building resembling residences located beyond.

- **1939 EDR Aerial Photograph; Scale: 1"= 555'**

The subject property and adjoining properties generally appear as they did in the 1930 aerial photographs; however, the scale and resolution of the photograph did not allow for a clear assessment of structures.

- **1946 EDR Aerial Photograph; Scale: 1"= 655'**

The subject property and adjoining properties generally appear as they did in the 1939 aerial photograph, except that two of the residential structures in the central portion no longer appear to be present. In addition, the northern adjoining property appears to be developed with the existing ONE building.

- **1947 HJW Aerial Photograph Nos. AV11-05-13 and 14; Scale: 1"= 1,667'**

The subject property is now developed with the existing building west of the paint mill building (former latex manufacturing). The remaining portions and the adjoining properties generally appear as they did in the 1946 aerial photograph.

- **1950 HJW Aerial Photograph Nos. AV28-13-37; Scale: 1"= 600'**

The subject property remains developed with one residential-sized structure in the western/central portion with the eastern portions developed as they are currently with warehouse-sized buildings. In addition, eight ASTs are located along the southern subject property boundary, arranged in two rows of four. Large quantities of outdoor storage of indiscernible materials are located east of the ASTs, south of the buildings. Also, the existing varnish kettle building containing brick smokestacks appears to be present. The paint mill building has been extended to the south (former solvent mixing building). The retaining wall is now clearly depicted in the western portion of the subject property, which remains undeveloped.

The adjoining properties generally appear as they did in the 1947 aerial photograph. However, numerous ASTs are now visible on the northern adjoining property, west of the industrial-sized building.

- **1953 HJW Aerial Photograph Nos. AV119-09-29 and 30; Scale: 1"= 833'**

The western portion of the subject property is now covered with parked cars and large amounts of indiscernible materials. The remaining portions of the subject property and adjoining properties generally appear as they did in the 1950 aerial photograph.

- **1959 HJW Aerial Photograph Nos. AV337-07-24 and 25; Scale: 1"= 800'**

The subject property and adjoining properties generally appear as they did in the 1953 aerial photographs, except that the eastern building (former solvent mixing building) contains dark staining around a roof vent in the central portion.

- **1963 HJW Aerial Photograph Nos. AV-550-38-20 and 21; Scale: 1"= 3,000'**

The subject property and adjoining properties generally appear as they did in the 1959 aerial photographs, except that the eastern adjoining railroad tracks are now gone and have been replaced by the existing warehouse-sized building.

- **1965 EDR Aerial Photograph; Scale: 1"= 333'**

The subject property and adjoining properties generally appear as they did in the 1963 aerial photograph.

- **1969 HJW Aerial Photograph Nos. AV902-06-18 and 19; Scale: 1"= 1,000'**

The subject property and adjoining properties generally appear as they did in the 1965 aerial photograph. Large amounts of indiscernible materials remain outside the western end of the buildings on the subject property (now covered by the former office/warehouse building). The eastern adjoining building has been expanded to the north and south.

- **1975 HJW Aerial Photograph Nos. AV1193-06-17 and 18; Scale: 1"= 1,000'**

The subject property and adjoining properties generally appear as they did in the 1969 aerial photographs.

- **1981 HJW Aerial Photograph Nos. AV2040-06-18 and 19; Scale: 1"= 1,000'**

The westernmost building (former office/warehouse building) on the subject property is now present and the westernmost exterior portions now appear paved for vehicle parking as they are today. Approximately 14 ASTs now appear to be present along the southern property boundary with two larger ASTs now located to the east of the 14 ASTs. The remaining portions of the subject property and adjoining properties generally appear as they did in the 1975 aerial photographs.

- **1988 HJW Aerial Photograph Nos. AV3268-6-20 and 21; Scale: 1"= 1,000'**

The loading dock along the southern subject property boundary is now evident. The remaining portions of the subject property and adjoining properties generally appear as they did in the 1981 aerial photographs.

- **1992 HJW Aerial Photograph Nos. AV4230-9-23 and 24; Scale: 1"= 1,000'**

The subject property and adjoining properties generally appear as they did in the 1988 aerial photographs, except that the outdoor ASTs are no longer visible on the subject property.

- **1998 HJW Aerial Photograph Nos. AV6100-9-28 and 29; Scale: 1"= 1,000'**

The subject property and adjoining properties generally appear as they did in the 1992 aerial photographs.

- **2002 HJW Aerial Photograph Nos. AV8202-8-24 and 25; Scale: 1"= 1,000'**

The subject property and adjoining properties generally appear as they did in the 1998 aerial photographs.

No readily apparent evidence of environmental concerns at the subject or adjoining properties was noted on the aerial photographs reviewed, except that the subject property and the adjoining properties appeared to be industrially developed from at least 1930 to

2002 including between 8 and 14 ASTs on the subject property, outdoor storage of materials, a building containing smokestacks, as well as multiple ASTs on the northern adjoining property over this time period.

### 3.2 FIRE INSURANCE MAPS

Fire insurance maps that include the subject property and adjoining properties were obtained from EDR. Copies of fire insurance maps reviewed are provided as Appendix C. Maps reviewed are summarized below:

- **1903 Sanborn Fire Insurance Map; Approximate Scale: 1"=80'**

The subject property is developed with a dwelling in the western portion and a shed in the eastern portion. No other structures or use of the subject property are depicted. 41<sup>st</sup> Street is depicted to the north, Adeline Street is depicted to the west, and Linden Street is depicted to the east. The eastern and northern adjoining properties also contain dwellings. The remaining adjoining properties appear to be undeveloped.

- **1911 Sanborn Fire Insurance Map; Approximate Scale: 1"=80'**

The subject property is now depicted with four dwellings in the northern portion; the previous dwelling and shed are no longer depicted. The northern and eastern adjoining properties are not depicted. The southern and western adjoining properties generally appear as they did in the 1903 fire insurance map.

- **1951 Sanborn Fire Insurance Map; Approximate Scale: 1"=80'**

Three of the four residences on the subject property have been removed; the westernmost residence remains onsite. The subject property is now developed in the central and eastern portions with some of the existing buildings labeled "Frank W. Dunne Co." The westernmost building is used as a loading shed and storage warehouse. The central building is used as a warehouse. The easternmost buildings are used for a paint warehouse and office, paint mill, and several other warehouses. In addition, a varnish kitchen is depicted in the southern portion of the property, south of the central warehouse; concrete flooring and a varnish storage area are depicted in this building. Also, a "reducing shed" is depicted west of the varnish room. In addition, a paint storage shed is depicted south of the varnish kitchen, in the extreme southern portion of the subject property. The western portion of the subject property is depicted as a storage yard.

Railroad tracks border the eastern subject property boundary running southwest to northeast. The southern adjoining property is now developed with National Upholstering Co. furniture factory, containing painting, wood turning, carving, cutting and sewing rooms. The western adjoining property across Adeline contains dwellings. The remaining adjoining properties are not depicted.

- **1952 Sanborn Fire Insurance Map; Approximate Scale: 1"=80'**

The westernmost residence on the subject property is now gone and has been replaced by a carton warehouse. The remaining portions of the subject property and adjoining properties generally appear as they did in the 1951 fire insurance map.

- **1967 Sanborn Fire Insurance Map; Approximate Scale: 1"=80'**

The subject property generally appears as it did in the 1952 fire insurance map. The eastern adjoining railroad tracks are no longer depicted and have been replaced by a metal polishing building occupied by Barber Appliance Manufacturing. The remaining adjoining properties generally appear as they did in the 1952 fire insurance map.

- **1969 Sanborn Fire Insurance Map; Approximate Scale: 1"=80'**

The subject property and adjoining properties generally appear as they did in the 1967 fire insurance map.

No readily apparent evidence of environmental concerns at the subject or adjoining properties was noted in the fire insurance maps reviewed, except for the following:

- The subject property was developed with a paint facility from at least 1951 to 1969;
- The southern adjoining property was developed with a furniture factory from at least 1951 to 1969; and
- The eastern/southeastern adjoining property was developed with an appliance manufacturer from at least 1967 to 1969.

### 3.3 TOPOGRAPHIC MAPS

Topographic maps published by the USGS that include the subject property and vicinity were obtained from EDR. Maps reviewed are summarized below:

- **1915 15-Minute Series San Francisco, California Quadrangle Topographic Map; Scale: 1:62,500**

The subject property and adjoining properties appear to be developed; however, the scale of the map did not allow for a clear assessment of potential structures. Streets resembling 41<sup>st</sup> Street, Adeline Street, and Linden Street appear to the north, west, and east, respectively.

- **1959 7.5-Minute Series Oakland West, California Quadrangle Topographic Map; Scale: 1:24,000**

No structures or other land features are depicted on the subject property or adjoining properties; however, the subject property and adjoining properties are shaded, indicating urban development throughout the vicinity.

- **1968 (Photorevised from 1959) 7.5-Minute Series Oakland West, California Quadrangle Topographic Map; Scale: 1:24,000**

The subject property and adjoining properties generally appear as they did in the 1959 topographic map.

- **1973 (Photorevised from 1959) 7.5-Minute Series Oakland West, California Quadrangle Topographic Map; Scale: 1:24,000**

The subject property and the adjoining properties generally appear as they did in the 1968 topographic map.

- **1980 (Photorevised from 1959) 7.5-Minute Series Oakland West, California Quadrangle Topographic Map; Scale: 1:24,000**

The subject property and the adjoining properties generally appear as they did in the 1973 topographic map.

- **1993 7.5-Minute Series Oakland West, California Quadrangle Topographic Map; Scale: 1:24,000**

The subject property and the adjoining properties generally appear as they did in the 1980 topographic map.

No readily apparent evidence of environmental concerns at the subject or adjoining properties was noted on the topographic maps reviewed.

### **3.4 CITY DIRECTORIES**

City directory research that included the subject and nearby properties was requested from EDR. A copy of the city directory abstract is provided as Appendix D. City directories from 1920 through 2002 were researched by EDR. The current subject property addresses were not identified from 1920 through 1954. Frank W. Dunne Company/Dunne Paint Company/Dunne Quality Paints, paint manufacturers were identified on the subject property in 1955, 1967, 1970, 1975, 1980, and 1991. Salman West Development and West Mac Builders were identified on the subject property in 1996. Also, Cinder Block T-shirts and West Mac Builders were identified in 2000. No listings were identified in 2002.

Nearby properties were identified as primarily residential listings from 1920 to 1933. The northern adjoining property was first identified in 1933 as Boysen Paint. Also, the eastern adjoining California Linen Supply was first identified in 1933. The southern adjoining property (National Upholstery Company/Oakland Carving Company) was first identified in 1938.

No readily apparent evidence of environmental concerns at the subject or adjoining properties was noted in the city directories reviewed, except that the subject property was occupied by a paint manufacturer from at least 1955 through 1991. Also, the northern and eastern adjoining properties appeared to be industrially occupied from as early as 1933, and the southern adjoining property from as early as 1938.

### **3.5 AGENCY CONTACTS**

#### **3.5.1 Building, Planning, and/or Zoning Departments**

The City of Oakland Building Department (OBD) was visited on September 3, 2002 to obtain information regarding the subject property. Permits on file are summarized below:

- 1947 application for brick or masonry building (industrial building addition) to Frank W. Dunne Company.
- 1953 (poor quality) foundation plans depicting existing building for Dunne Paint Company.
- 1953 application to remove existing wood frame of sheet metal building and replace it with a longer all steel building including necessary additional concrete work. Permit issued to F.W. Dunne Company. Present and proposed use was denoted as storage of paint.
- 1954 application to construct concrete pads for machinery bases for Dunne Paint Company.
- 1957 application to alter, repair, add to or wreck a building. Present use denoted as "paint factory." Proposed use denoted as "paint factory." Installation of a new laboratory cabinets and benches and install new central warm air heating system for laboratory.
- 2001 permits for subdividing a proposed 62-unit residential complex and foundations.

The City of Emeryville Building Department was visited on September 9, 2002 and September 11, 2002 to obtain information regarding the subject property. Records on file for 1007 41<sup>st</sup> Street are summarized below:

- 1978 building plans for the "store and warehouse addition" in the western portion of the subject property for Dunne Paint Company. Plans depicted sales office (1,600 square feet) in the southwestern corner with warehouse space (6,400 square feet)

across the remaining portions of the addition. The eastern portion of the addition including the widening of the existing loading dock and canopy cover adjacent to the existing building. Three "liquid storage tanks" were depicted in the southern portion, south of the proposed addition. No floor drains or sub floor piping was noted on the plans for the addition in the foundation plans. The perspective drawings showed the elevation difference in the western portion (hump).

- 1978 electrical permit for Dunne Paint Company.
- 1978 building permit for the installation of a fire sprinkler addition for Dunne Paint Company.

Records on file for 4050 Adeline Street are summarized below:

- 1978 building permit to Dunne Paints to construct warehouse addition with loading dock canopy and retail store.
- 1978 plumbing permit for Dunne Paint for sinks, 4" sewer lateral to 41<sup>st</sup> street, gas line relocation, water heaters, and relocation of thinner and vent lines.
- 1984 building permit for Dunne Paints to remodel and construct 2<sup>nd</sup> floor offices and install sprinklers.
- 1984 plumbing permit for Dunne Paints.
- 1984 building permit to Dunne Paints for the installation of sprinklers in 2<sup>nd</sup> story office addition.
- 1984 mechanical permit for Dunne Paints for heat pump and duct and fan.
- 1984 electrical permit for Dunne Paints.
- 1986 building permit for F.W. Dunne Company for erection of prefabricated steel mezzanine.
- 1986 electrical permit for Dunne Paints to add fixtures and switches.
- 1992 building permit for Kelly Moore/Frank W. Dunne Company to install one wall sign.
- 1992 letter from Kelly Moore Paint Company, Inc. (tenant) to Frank W. Dunne Company (owner) indicating Kelly Moore's intent to change the building signage.

No readily apparent evidence of environmental concerns at the subject property were noted in the building records reviewed, except that the subject property was occupied by a paint manufacturer from at least 1947 to 1992.



### 3.5.2 Fire Department

The City of Oakland Fire Department-Office of Emergency Services was visited on September 3, 2002 to obtain information regarding the subject property. Records on file are summarized below:

- Undated SARA Title III Tier I Report printout indicating 90,000 pounds (maximum) and 56,000 pounds (average) amount of bulk thinner, bulk resins, drums, and finished goods stored at the subject property. A site drawing accompanying the report indicated a retail store and paint storage in the extreme western portion, finished goods warehouse with 1-gallon and 5-gallon storage as well as a shipping dock and staging area in the central portion, storage for finished good and overflow, latex paint blending and fill area (containing seven 500-gallon tanks, two 1,600-gallon tanks, and three 2,000-gallon tanks) in the eastern portion with a lab, labeling area and solvent and small batch mixing in the extreme eastern portion. The northern portion, north of the latex blending, contained a production and customer service office space. Second and third stories of the eastern portion of the building reportedly contained raw material storage. The southern portion of the building contained tint color storage, a lunchroom, latex mixing and pigment storage room (Area #1) and a second pigment storage room (Area #2) containing a finished goods room. A 5,000-gallon tank was depicted in Area 2, which was in the extreme southern portion of the building. An outdoor storage area was located in between the lunch room/tint color storage of the building and the pigment storage areas. This outdoor area was depicted as having an air compressor and drums. In addition, eight 1,000-gallon ASTs containing bulk resins were depicted in a row immediately west of the pigment storage areas bordering the southern subject property boundary. North of these ASTs were three 1,000-gallon tanks; two of these reportedly contained bulk thinner. Drums were also denoted as being stored near these ASTs. Furthermore, four USTs were depicted in the northern portion, north of the retail store and finished goods warehouse, and were labeled as being abandoned and removed in 1988.
- Undated site map denoting 8 ASTs along southern property boundary as containing linseed oil & alkyd resins surrounded on west, north, and east sides by a 2-foot common block dyke. East of these 8 ASTs were two 5,000-gallon ASTs containing acrylic or water-reducible resins. Three storm drains were also denoted near these ASTs.
- 1985 ACEHD Master File Record for Frank W. Dunne Company indicating that the subject property contained permits for air pollution control district and the Regional Water Quality Control Board (RWQCB). Total number of underground tanks was denoted as 3 with a total volume of 14,000 gallons. Toxic, flammable or ignitable, and corrosive substances were noted as being stored at the subject property including, acetone, butanol, cobalt, ethanol, lead, mercury, naphtha, phosphoric acid, caustics, and zinc.

- 1986 ACEHD inspection noted MSDS onsite and only manifested flammable liquid shipped offsite in 1986 was waste thinner. Violations included the need to label the wash solvent drum as acetone, tints, ester alcohol, propylene glycol. Eight, 1,000-gallon resin tanks were being removed and new concrete poured into a bermed area. "Many thinners are stored here." No violations noted except for mislabeling.
- 1987 ACEHD Master File Record for Frank W. Dunne Company indicating that the subject property contained permits for air pollution control district and the RWQCB. Total number of underground tanks was denoted as 4 with a total volume of 14,000 gallons. Toxic, flammable or ignitable, and corrosive substances were noted as being stored at the subject property including, acetone, butanol, cobalt, ethanol, lead, mercury, naphtha, phosphoric acid, caustics, and zinc.
- 1987 memorandum indicating, "Mike Beresford called DHS and said they had a report of solvent odor (possible dumping) from a furniture company that thinks Dunne Paint is dumping. He said he will check it out and get back to us on it." See Section 3.5.5 for further details.
- 1987 letter from Dunne Quality Paints to the Alameda County Environmental Health Department (ACEHD) requesting an extension of the Hazardous Materials Business Plan (HMBP) submittal.
- 1987 HMBP for Frank W. Dunne Company with nature of business identified as "manufacturer of architectural coatings." The facility was further identified as a "paint manufacturing plant with approximately 26,000 square feet of production area, laboratory and office space. A finished product warehouse and retail/wholesale store is adjacent to the production area, occupying approximately 9,600 square feet. Total square footage is therefore 35,600 square feet." An HMBP worksheet indicated about 70 hazardous materials used and stored at the subject property (48,017 gallons and 80,600 pounds). Substances included the following:

Chemical	Quantity (gallons)	Use	Location
Ethylene glycol	660	Latex paint additive	Yard
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate (texanol)	660	Latex paint additive	Yard
Propylene glycol	660	Latex paint additive	Yard
Diethylene glycol monobutyl ether	165	Latex paint additive	Mixing

Chemical	Quantity (gallons)	Use	Location
Mineral spirits, zirconium compounds	110	Solvent paint additive	Tinting
Calcium salt of an organic acid, aliphatic hydrocarbon	110	Solvent paint additive	Tinting
Mineral spirits, xylene (Kelvar)	4,000	Varnish	Yard
2-butoxyethanol (Kelsol)	300	Water base paint binder	Mixing
2-amino-2-methyl-1-propanol	220	Latex paint additive	Yard
Methyl ethyl ketoxime	110	Solvent paint additive	Mixing
Formaldehyde, vinyl acetate (Ucar)	6,000	Latex paint binder	Yard
Formaldehyde, vinyl chloride, 2-ethylhexyl acrylate (Ucar)	6,000	Latex paint binder	Yard
Vinyl acetate monomer (Elvace)	550	Latex paint binder	Mixing
Paraffinic/naphthenic solvent	110	Latex paint additive	Tinting
Ammonia, propylene glycol	110	Latex paint additive	Mixing
Propylene glycol	110	Latex paint additive	Mixing
Petroleum hydrocarbon, silicon dioxide (colloid)	500	Latex paint additive	Tinting
Nonylphenol + 9EO polyethoxylate (Tergitol)	220	Latex paint additive	Mixing, Yard
Aromatic petroleum distillate (Triton)	110	Latex paint additive	Mixing, Yard
Residual monomers, ammonia (Rhoplex)	500	Latex paint binder	Mixing
Silica (amorphous), hydrotreated naphtha (Nalco)	110	Latex paint additive	Tinting

Chemical	Quantity (gallons)	Use	Location
Residual monomers, ammonia, formaldehyde (Rhoplex)	500	Latex paint binder	Mixing
Formaldehyde, acrylonitrile, 2-ethylhexyl acrylate (Ucar)	600	Latex paint binder	Mixing
Aromatic petroleum solvent, xylene (Poly-Tex)	110	Latex paint binder	Mixing
Residual monomers, ammonia	1,200	Latex paint binder	Pigment Storage #2
Residual monomers, ammonia	500	Latex paint binder	Mixing
Rhoplex	165	Latex paint binder	Mixing
Propylene glycol (Troythix)	500	Latex paint binder	Mixing
Residual monomer, formaldehyde (Tamol)	110	Latex paint additive	Mixing
Xylene, mineral spirits (Varkyd)	500	Solvent paint binder	Mixing
Mineral spirits, xylene (Aroplaz)	2,000	Solvent paint binder	Yard
Mineral spirits, xylene (Aroplaz)	500	Solvent paint binder	Mixing
Mineral spirits, xylene	2,000	Solvent paint binder	Yard
Mineral spirits, xylene	1,200	Solvent paint binder	Mixing
Paraffins (including naphthalenes) aromatics (C8+), benzene (Chevron 350-H)	6,000	Solvent paint thinner	Yard
Aliphatic petroleum distillates (VM+P Naptha)	220	Solvent paint thinner	Mixing
Paraffins (including naphthalenes) aromatics (C8+), benzene (Chevron 410)	400	Solvent paint thinner	Yard

Chemical	Quantity (gallons)	Use	Location
Titanium dioxide, aluminum oxide, amorphous silica	60,000 lbs	Paint white pigment	Pigment storage #1
Silicon dioxide (Novacite)	20,000 lbs	Paint filler pigment	Pigment storage #1
Elemental carbon	600 lbs	Black paint pigment	Mixing
Ethylene glycol, diethylene glycol (Colortrend)	About 500	Paint tinting paste	Tinting
Aliphatic petroleum distillates	90	Packaged paint additive	Finished goods
Mineral spirits	1000	Solvent paint thinner	Finished goods
MEK, solvent naphtha (petroleum), toluene, isopropyl alcohol, VM + P Naphtha, isobutyl acetate	1000	Packaged lacquer thinner	Finished goods
Methylene chloride, methanol, isopropyl alcohol, ethylene glycol monobutyl ether	100	Packaged paint remover	Finished goods
Naphtha, xylene, mineral spirits	300	Solvent paint primer	Finished goods
Naphtha	75	Solvent paint primer	Finished goods
Aliphatic hydrocarbon solvent, aromatic hydrocarbon solvent, methylene chloride, isobutene, propane propellant (Zynolite)	2,500 13 oz spray cans	Aerosol spray paint	Finished goods
Mineral spirits, solvent 140, para-methadiene, xylene, toluene	200	Varnish	Finished goods

Chemical	Quantity (gallons)	Use	Location
Solvent mixture; ketones, alcohols, esters, glycol ethers, aliphatic and aromatic hydrocarbons	200	Clear lacquer finish	Finished goods
Mineral spirits (Watco)	100	Stain finish	Finished goods
Mineral spirits (Damp proof)	150	Metal primer	Finished goods
Mineral spirits (enamel)	300	Maintenance enamel	Finished goods
Xylol, methyl isobutyl ketone, mineral spirits	300	Maintenance finish	Finished goods
Propoxyethanol, Hi Sol 150, epoxy resin	300	Maintenance finish	Finished goods
Propylene glycol methyl ether acetate, MEK, xylol, methyl isoamyl ketone, ethyl 3-ethoxypropionate (Rust-o-thane)	300	Maintenance coating	Finished goods
Mineral spirits (Dunquick)	3,000	All purpose enamel	Finished goods
Mineral spirits, VM+P	700	Metal primer	Finished goods
Mineral spirits paint thinner, Naphtha	150	Maintenance finish-Dry fog spray paint	Finished goods
Mineral spirits, low odor mineral spirits	5,200	Protective coating	Finished goods

- 1987 letter from Dunne Quality Paints to OFD indicating that the Frank W. Dunne Company handles "mineral spirits paint thinner in quantities greater than 10,000 pounds and the specific material used is Chevron 350-H", which was reportedly the only material handled in a quantity greater than 10,000 pounds. A Material Safety Data Sheet (MSDS) included with the letter indicated that 350-H was composed of paraffins (naphthalenes), and aromatics (C<sub>8</sub>+, benzene).

- 1988 letter from William Turner, President of Dunne Quality Paints to ACEHD indicating that six USTs contained Chevron Thinner No. 350H and Chevron Thinner No. 410. The letter referenced an “additional soils investigation by LW Environmental Services, Inc.” that was enclosed (see below).
- LW Environmental Services, Inc. title page “Additional Soil Investigation for Dunne Quality Paints (Borings 13 thru 16). A copy of the report was not included in the file; however, a site drawing indicating 16 boring locations in and around the six USTs in the sidewalk on the subject property. The analytical data of the report was included in the 1988 UST removal report by Hunter/Gregg (see Section 3.5.3). According to boring logs for B-13 through B-16, these three borings were advanced to 11 feet bgs and samples were apparently collected at 6 and 10 feet bgs and submitted to a laboratory for TPH analysis only. Analytical results indicated only one detectable concentration in B-13 at 10 feet bgs at 415 ppm, which was quantified as thinner. No odors were noted in these borings.
- 1990 HMBP for Frank W. Dunne Co. dba Dunne Quality Paints. The nature of the business was identified as “manufacturer of paint and coatings.” Size of facility was reportedly 44,500 square feet with a 65 square foot hazardous material storage area. The HMBP stated that the “primary goal of the Frank W. Dunne Company is to eliminate the use and handling of hazardous materials wherever possible. Some recent examples of materials that have been discontinued because of their hazard are zinc chromate, lead chromate, and liquid mercury products.”
- 1990 HMBP, which indicated storage of silicon dioxide used for filler in paint, phenyl mercuric acetate (300 lbs) used as an in-can preservative, aliphatic petroleum distillates with other name of mineral spirits 66 (12,000 lbs) for use in solvent based paint, alkyd resin solution (15,000 lbs) containing mineral spirits and xylene used for solvent based paint, alkyd resin solution (24,000 lbs) containing petroleum distillates, xylenes, solvent naphtha, trimethyl benzene, and ethyl toluene used for solvent based paint, ethylene glycol (10,000 lbs) used as a latex paint additive, paint wash solvent waste (15,000 lbs) containing mineral spirits, petroleum distillates, and sludge.
- 1989 inspection indicating 2 drums (one empty indicating aluminum beads), which were removed. The report also indicated “some material was spilled on the sidewalk and gutter. A sample was collected for lab analysis.” The location of the spill and results of the analysis were not found in the file.
- 1992 reinspection request indicated, “please reinspect, no longer manufacturing paint and sold part of the business. Last inspection 9/12/89.”
- 1992 inspection of Dunne Paints indicated, “paint manufacturing was discontinued in 1991. There are no drums of paint waste onsite. This site is used for retail sales only.”

The City of Emeryville Fire Department was visited on September 23, 2002 for information regarding the subject property. Records were on file for 4050 Adeline Street only for Dunne Paint Company and are summarized below:

- 1985 inspection noted the following deficiencies: no certificate of occupancy for 4050 Adeline, fire extinguisher violation, and weeds and ivy obscuring sprinkler connections.
- 1986 permit for fire sprinklers to mezzanine.
- 1987 letter indicating use of 10,000 lbs of Chevron 350-h thinner (see Section 3.5.3).
- 1987 letter from Dunne Quality Paints to Valued Dunne Customers regarding product elimination due to air quality control standards. Dunne was discontinuing several solvent-based products due to changes in the allowable amount of VOC permitted to formulate these products. Discontinued products earlier in 1987 included Dunsyn (400 Series), IM Low Gloss (2391), IM Eggshell Stipple (2381), and IM Gloss (2361, and IM Semigloss (2341). This letter discontinued varnish, and waterproof sealers and modified semi-transparent stains (solvent based), general primers, sealers, and undercoaters, and quick dry enamels.
- Photographs of two 1,000-gallon convault ASTs outside the southern end of the building, within the loading dock area. The ASTs were in good condition within wooden secondary containment. A larger metal AST was to the east. Piping was observed to run up the wall of the facility from the ASTs.
- 1988 permit to install 2, 1,000-gallon convault ASTs containing mineral spirits by L&W Environmental Services. All piping was aboveground and a six-inch concrete berm was to be installed; however, photos showed a wooden berm. Crash poles to be installed as well.
- 1988 permit to removed 2 USTs in compliance with ACEHD requirements.
- 1992 business license checklist for Top Coat Refinishing (furniture refinishing and repair). Chemicals used included Jasco stripper (50 gallons), lacquer (30 gallons), lacquer thinner (10 gallons), lacquer stains (15 gallons), and sanding sealer (10 gallons). A memorandum attached indicated that the building was occupied by Dunne Paint within the last 12 months and the use will decrease the degree of non-conformity of the previous use in that the operation of refinishing furniture has less impacts than that of manufacturing and distributing paint products. The building is an industrial building, which is suitable for the proposed use.

No readily apparent evidence of environmental concerns at the subject property was noted in the fire department records reviewed, except that the subject property was used for paint manufacturing from at least 1985 to 1991 and used and stored various quantities of hazardous substances and petroleum products, including formaldehydes, MEK, mineral spirits, methylene chloride, mercury compounds, and various metal chromates.



### 3.5.3 Environmental Health Department

The Alameda County Environmental Health Department-Hazardous Materials Division (ACEHD) was visited on September 6, 2002 for information regarding the subject property. Records on file for the subject property are summarized below:

- Undated UST Unauthorized Release (Leak)/Contamination Site Report for Frank W. Dunne Company. Substances involved included Chevron 350-H and 410-H thinner (mineral spirits). Site investigation was reportedly in progress.
- 1987 application to operate 4 USTs containing paint thinner (two 3,000-gallon, one 6,000-gallon, and one 2,000-gallon). All single wall tanks. Date installed was unknown.
- 1988 letter from Dunne Quality Paints to ACEHD requesting permit requirements regarding USTs. As of the date of the letter, Dunne had reportedly installed fire department-approved ASTs for those solvents used in manufacturing paints. Consequently, Dunne intended to close/remove the USTs.
- 1988 hazardous waste manifests for 6 USTs
- 1988 ACEHD inspections of Dunne Paints observed removal of a 2,000-gallon, two 3,000-gallon, one 6,000-gallon, and two 4,000-gallon USTs containing paint thinner. Contaminated water within tank and in excavation pumped out for disposal. Holes obvious in several of the USTs. 15 drums of rinseate and excavation water generated. Soil sampling conducted (see Hunter/Gregg report summarized below).
- **1988 *Underground Tank Removal Report, Dunne Quality Paint, 1007 41<sup>st</sup> Street, Oakland, California. Prepared for SEMCO by Hunter/Gregg.***

The report summarized the activities involving the removal of six paint thinner USTs along with subsurface soil and groundwater investigations at the subject property conducted in 1988. Prior to the removal, Environmental Services, Inc. reportedly found high concentrations (less than 20 ppm up to 27,391 ppm) of paint thinner in soil around the USTs (see Section 3.6) through the initial advancement of 12 soil borings (4 additional borings were drilled later; up to 415 ppm of TPH as thinner was detected). Strong solvent odors were noted in soil to about 10 feet bgs in some locations. The 6 paint thinner USTs consisted of the following:

- One 6,000-gallon steel UST (96 inches in diameter, 17.4 feet in length)
- Two 3,000-gallon steel USTs (76.5 inches in diameter, 13.1 feet in length)
- One 2,000-gallon steel UST (75.5 inches in diameter, 9 feet in length)
- Two 4,000-gallon steel USTs (79 inches in diameter, 16.9 feet in length)

The two 4,000-gallon USTs were reportedly not in use at the time of their removal. Leaks were noted in the 6,000-gallon (small leak noted) and the two 4,000-gallon USTs (reportedly damaged to badly damaged). For instance, the 4,000-gallon tanks had liquid "streaming out of several small holes as they were removed from the excavation." The other USTs appeared to be intact.

Seven soil samples were collected from the sidewalls at about 6.5 to 7 feet bgs following the removal of the USTs, except for one sample collected at 9 feet. Soil was not sampled from the base of the excavations due to the presence of groundwater. The soil samples were analyzed for TPH and BTEX compounds. Up to 14,000 ppm of TPH was detected in the UST pit. Also, up to 360 ppm of xylenes were detected. No concentrations of benzene, ethylbenzene, and toluene were detected.

Approximately 60 yards of petroleum hydrocarbon saturated soil and an unknown quantity of liquid was removed from the UST pits. The soil was stockpiled for aeration and later hauled offsite for disposal at a Class II facility. The liquid was pumped into 55-gallon drums and hauled offsite as hazardous waste.

Two groundwater monitoring wells (MW-D1 and MW-D2) were installed so that the groundwater could be sampled after the UST excavation holes were closed (as described by Hunter (1989) below). Groundwater samples were collected and analyzed for TPH. Analytical results indicated that 1 ppm and 1.6 ppm of TPH as Stoddard Solvent were detected in MW-D1 and MW-D2, respectively.

- 1988 ACEHD UST Closure plan for Frank W. Dunne Company dba Dunne Quality Paints. Six tanks identified (one 6,000-gallon, two 3,000-gallon, and three 2,000-gallon) containing paint thinners (Chevron 350-410). USTs were identified as leaking with a report filed in 1988.
- 1988 letter from ACEHD to Dunne Quality Paints indicating review of Hunter/Gregg UST removal report. The ACEHD stated that the UST removal and extraction and aeration of contaminated soil were done in a sufficiently thorough manner. No hazardous waste requiring treatment remained onsite. The groundwater data indicates that a groundwater quality problem exists. Quarterly monitoring was recommended for "high boiling point hydrocarbons and BTEX."
- 1989 Quarterly Well Monitoring Results for Dunne Quality Paints by Hunter Environmental Services. Two groundwater sampling events reportedly occurred in January and April of 1989 from the two wells in the UST excavations (MW-D1 and MW-D2). Groundwater samples were analyzed for BTEX. MW-1 contained 0.002 ppm of toluene and 0.0018 of xylenes in January. Toluene was not detected in April and 0.0011 ppm of xylenes was detected. No concentrations of benzene or ethylbenzene were detected in MW-D1.

MW-D2 contained 0.0063 ppm of toluene and 0.012 ppm in January. Toluene was not detected in April and 0.0077 ppm of xylenes was detected. No concentrations of benzene or ethylbenzene were detected in MW-D2.

Hunter stated that none of the concentrations exceeded the SWRCB-designated levels for leaking underground fuel tank (LUFT) sites. Xylene concentrations reportedly decreased more than 35 percent from January to April and are 80 times less than state action levels. Toluene had also reportedly decreased to non-detectable levels.

Hunter also provided details regarding the construction of the two onsite monitoring wells. The wells were reportedly constructed by suspending a 4-inch PVC pipes over the tank excavations prior to backfilling. The pipe was suspended over the "low" end of each excavation as determined by the standing water in the bottom of the hole. The pipes were slotted to within 15" and 18" of the wellhead and were capped with watertight screws on brass caps that have locks to prevent vandalism. The excavation was backfilled with pea gravel to just below grade, and the surface was finished with concrete to replace the sidewalk. An at-grade well box was installed to bring the well assembly to grade with the concrete sidewalk. Concrete was used to form an impermeable barrier in the well box preventing surface water from entering the well and excavation. During sampling events, 6 to 7 feet of groundwater was present and following the purging of 40-gallons, the amount of groundwater did not change. Hunter stated that this shows that groundwater flowed freely into the well during the purging cycle.

Apparently, the validity of the sampling results was in question at that time based on these construction details. Hunter stated that the samples collected and analyzed were representative of groundwater conditions in the former tank excavations and that surface runoff is adequately prevented from entering the wells.

Based on the groundwater sampling results, Hunter recommended that monitoring be ceased and the case be closed.

- 1990 groundwater sampling report on file (see Section 3.6).
- 1991 Woodward-Clyde field record involving Adeline interceptor sampling. Although the exact purpose of this work was not stated, based on the date and the interceptor notation, it appears to be in association with the East Bay Municipal Utility District (EBMUD) discovery of a chemical release in 1991 (see Section 3.6). Soil and groundwater samples were collected; however, the analytical results were not found.
- 1993 handwritten notes indicated that William Turner sold the subject property to Mac Builders in 1992, who agreed to be responsible for what further work will be required by the ACEHD. Frank Dunne reportedly sold the property to William Turner who then sold it to Mac Builders in 1992.

- 1993 letter to Terry Turner of Dunne Quality Paints from ACEHD indicating their receipt of previous environmental reports conducted around the former USTs from 1988 to 1990. Inquired into overexcavation of soil containing 14,000 ppm of Stoddard solvent. Soil sampling results in 1988 revealed TPH contaminants including 10,080 ppm in B-2, 27,362 ppm in B-7; 27,391 ppm in B-8, 3,472 ppm in B-9, 6,491 ppm of B-10, and 15,140 ppm in B-12 (in the sidewalk in the area between the USTs and the building). According to the ACEHD, MW-D1 and MW-D2 were not adequately placed (not 10 feet downgradient as was required). Construction details not provided. The ACEHD questioned whether the extent of contamination had been fully defined. The TPH detection limits of 1 ppm and 0.1 ppm were too high (50 ppb was requested). The downgradient direction of groundwater flow must be determined.
- 1993 response from Hageman-Aguiar to ACEHD regarding the above-referenced questions. Limits of soil excavation were limited by presence of building foundations and power poles and as much soil as practicable was removed. Hageman-Aguiar stated that “one can conclude that the excavation did not address all of the possible residual soil contamination that may be still be remaining in the soil in the vicinity of these excavations.” Continued groundwater monitoring was recommended. However, handwritten notes on the response indicated, “need to determine vertical and lateral extent of soil contamination.” According to Hageman-Aguiar, approximately 200 cubic yards of contaminated soil was stockpiled for aeration and subsequently removed.

With regards to rationale for the well installations, the two onsite wells were reportedly placed in their current location in order to facilitate future in-situ treatment technologies, such as groundwater extraction, vapor extraction, and/or bioremediation. The ACEHD reportedly concurred with the location determination at that time. In addition, the construction of the wells was not conducted in order to comply with Tri-Regional Board guidelines, since a drill rig was not onsite during the UST removal activities.

According to Hageman-Aguiar, the wells consisted of 10 feet of slotted (0.01') pipe and were each completed to the ground surface with 4-inch PVC blank casing. The total depth of each well was reportedly 13 feet bgs. A diagram of the well construction details was included in the letter. The wells were reportedly screened to intercept free floating product and to accommodate water table fluctuations and the groundwater samples collected appeared to be representative of the shallow groundwater quality in the immediate vicinity of the of the former USTs.

Hageman-Aguiar stated, “the complete delineation of the areal extent of any soil and/or shallow groundwater contamination that may be present in the vicinity of the previous USTs has not yet been achieved.” However, the source of the contamination was removed and the TPH concentrations were attenuating. Additional monitoring was planned.

The high detection limits previously reported could not be explained by Hageman-Aguiar. Future detection limits were to be 50 ppb for TPH.

Hageman-Aguiar stated that the shallow groundwater flow direction was to the southwest, based on groundwater and top-of-casing elevation data collected from the two onsite monitoring wells and one well on the northern adjoining ONE property. However, a 1993 contour map containing elevation data from wells on the subject property, the eastern adjoining California Linens property, and the northern adjoining ONE property revealed a west-southwesterly groundwater flow direction. Based on this data, Hageman-Aguiar stated, "it would appear that a verified downgradient direction has been established for the former Dunne Paint site."

- 1993 Groundwater Monitoring Results, Former Boysen UST Project. The two wells on the subject property (MW-D1 and MW-D2) were sampled in conjunction with sampling conducted on the northern adjoining property. The results were presented to Frank W. Dunne Company in this letter. Two samples were collected from the onsite wells and analyzed for VOCs by USEPA Method 8240. No concentrations of VOCs were detected.
- **November 1993 *Groundwater Sampling Report* for Frank W. Dunne Company, 1007 41<sup>st</sup> Street, Oakland, California. Prepared by Hageman-Aguiar.**

Wells MW-D1 and MW-D2 on the subject property were sampled for dissolved petroleum constituents including TPH-g, BTEX, and TEPH. No concentrations of these analytes were detected in MW-D1 or MW-D2. Previous monitoring sampling results from 1990 and 1992 were also presented in this report and indicated that 0.4 ppb of ethylbenzene and 1.3 ppb of xylenes were detected in MW-D1 in 1990. Similar concentrations were reported for MW-D2 in 1990 (0.3 ppb of ethylbenzene and 1.5 ppb of xylenes). In addition, TPH-ms was detected at 300 ppb in 1990 and at 76 ppb in 1992 in MW-2.

- 1994 SWRCB UST Cleanup Fund Program Claim No. 001567 request to submit reimbursement request to Frank W. Dunne Company.

In addition, Clayton reviewed information on file for the following adjoining properties:

**California Linen Rental Company, Inc. (989 41<sup>st</sup> Street)**

A 1989 UST removal report indicated three USTs containing fuel and oil (one 3,000-gallon, one 10,000-gallon, one 550-gallon) were removed from this property. According to a 1991 letter from the ACEHD to California Linen Rental Company, the most recent quarterly groundwater monitoring results were reviewed along with the request for site closure. According to the ACEHD, the analytical data did not support site closure, based on the high dissolved hydrocarbon concentration as TPH-g in MW-1, reportedly a rising trend was present, which indicated that treatment of impacted groundwater may be necessary. The chemical release was reported by the ACEHD as being stable, as the

apparent downgradient well MW-2 did not contain detectable concentrations of contamination. The third well, MW-3, was approved for abandonment based on the lack of contamination present. However, quarterly monitoring of MW-1 and -2 was recommended.

The most recent report was a 1992 quarterly groundwater monitoring report. No free-floating product was observed in MW-1 or MW-2. Groundwater was analyzed for TPH-g, TPH-d, TOG, and BTEX. A rise in the concentrations of BTEX was found in MW-1. TPH-g had not significantly increased. Analytical results from 1989 to 1992 were presented and concentrations of TPH-g ranged from 23,000 to 99,000 ppb in MW-1, with 83,000 ppb detected in 1992. Concentrations of TPH-d ranged from non detect to 14,000 ppb in MW-1, with no detectable concentrations detected in 1992. Concentrations of TOG ranged from non detect to 20,000 ppb in MW-1, with 20,000 ppb detected in 1992. Concentrations of BTEX ranged from 120 to 18,000 ppb, with the highest concentrations detected in 1992. Only trace amounts of TPH and BTEX compounds were detected in MW-2 from 1989 to 1992, with the majority of the results indicated non-detectable concentrations. In addition, groundwater elevations in MW-1 were about 6 feet higher than that of MW-2. As of 1999, this property was owned by the Miller Trust.

#### **Northern adjoining ONE Property**

Records on file for the northern adjoining ONE property are summarized in Section 3.6.

Clayton interviewed Ms. Donna Drogis, the current case manager of the Local Oversight Program (LOP) at the ACEHD regarding the regulatory status of the subject property. According to Ms. Donna Drogis, she is not satisfied with the Risk Management Plan (RMP) that has been prepared for the subject property. Ms. Drogis further stated that regulatory case closure is not foreseen in the near future. Ms. Drogis stated that she is not satisfied with the investigations to date and that further delineation is needed to characterize the soil and groundwater conditions of the subject property. In addition, Ms. Drogis stated that the northern adjoining ONE property and eastern adjoining California Linens properties have groundwater impacts that may have migrated under the subject property. Ms. Drogis suggested that the responsible party for the contamination issues at the subject property meet with the ACEHD to appropriately delineate future investigative activities. At this time, the case for the subject property is currently unassigned and Ms. Drogis is in the process of assigning the case to a caseworker within the next few weeks.

No readily apparent evidence of environmental concerns at the subject property or adjoining properties was noted in the environmental health department records reviewed, except for the following:

- Six paint thinner USTs were located at the subject property and removed in 1988 with soil and groundwater impacts found;
- The eastern adjoining property has a chemical release from USTs;

- The northern adjoining property has had a chemical release from USTs
- According to the ACEHD, the previous environmental investigations including the RMP do not appear to be adequate and the regulatory case closure is not pending.

### **3.5.4 Regional Water Quality Control Board**

The California Regional Water Quality Control Board-San Francisco Bay Region (RWQCB) was contacted on August 27, 2002 for information regarding the subject property. According to Melinda Wong of the RWQCB, there are no records on file for the subject property. According to Chuck Headlee and Betty Graham of the RWQCB, the RWQCB is not actively involved in this case, as the lead regulatory agency is the ACEHD.

### **3.5.5 Department of Toxic Substances Control**

The California Department of Toxic Substances Control (DTSC) was visited on September 11, 2002 to obtain information regarding the subject property. Records on file are summarized below:

- March 1983 DHS Surveillance and Compliance Report, Hazardous Waste Generator for Frank W. Dunne Company. Type of business was identified as paint manufacturer. According to a discussion with Dunne management, solvents (including sludges) used in processing are returned to process directly without treatment. Waste wash water is disposed of to the sewer system with approval of the sewer agency. No change in process that would produce hazardous waste is foreseen. The application for a hazardous waste generator ID should be cancelled. No samples were taken during this report. No hazardous wastes were reportedly generated over the past 2 years.
- March 1987 DHS Report of Investigation for Dunne Paint Company. The DHS received a complaint from an unspecified person who indicated that a number of 50 pound bags containing waste material which had caused Dunne employees to suffer rashes and respiratory distress was being disposed of into the Dunne dumpster. The DHS responded that day to investigate. The dumpster was observed to contain empty sacks with titanium oxide and calcium oxide labeling. No 50 pound bags containing waste were found. The company president (Terry Turner) told DHS personnel that hazardous wastes generated at the facility consist primarily of waste thinner and sludge hauled under manifest by Romic. The waste material was reportedly stored in a 500-gallon AST and a 2,000-gallon UST. In 1986, only one 2,000-gallon load of thinner and sludge was hauled offsite.

The investigation did not confirm the allegation that Dunne illegally disposed of hazardous waste and the case was closed. However, Dunne appeared to be in violation of hazardous waste generator requirements due to the length of time waste was stored onsite.

- August 1987 DHS Hazard Appraisal and Recognition Plan for Dunne Paint Company. Waste category/type was identified as solvents. Soil, surface water, and air samples were reportedly collected (locations and results not reported). Potential hazards were identified as flammable solvents and “unknown” solvents. No exposure hazards were identified.
- September 1987 DHS Report of Investigation for Dunne Paint Company was apparently conducted in response to an allegation of illegal disposal of hazardous waste into a sewer at Dunne Paint Company. The allegation indicated, “material which smelled very bad was being hosed into a sewer at Dunne.” DHS immediately responded to the allegation that same day and observed a drain with white staining in the southwestern corner (also observed by Clayton during the site visit). This was reportedly the drain which Dunne employees were hosing the foul smelling material into. The next-door furniture factory also reported that a large puddle had formed over the drain and fumes had come into the factory.

The DHS inspected the drain and it appeared to be clogged. Less than one pint of liquid remained pooled around the drain. A sample was collected of the fluid; however, it did not smell like solvent or thinner or have the characteristic paint smell and was therefore not analyzed. Also, Dunne did not reportedly manufacturer leaded paint. The liquid did display an “unpleasant, putrid odor.”

The Vice President of Manufacturing for Dunne (Bob Miller) was interviewed by DHS personnel. According to Mr. Miller, “some residual calcium carbonate and titanium oxide is sometimes spilled from the municipal waste bin when the truck picks it up.” He said that vehicles then track some of this material out into the parking lot leaving white stains, which reportedly resembles spilled paint. Employees then hose down the area. The DHS recommended better housekeeping practices to Dunne.

No evidence was found to confirm the allegation that Dunne unlawfully disposed of hazardous waste and the case was closed.

No readily apparent evidence of environmental concerns at the subject property were noted in the DTSC records reviewed, except that Dunne apparently generated hazardous wastes including solvents and sludges in 1987 and used solvents and sludges in paint processing in 1983.

### **3.5.6 United States Environmental Protection Agency**

The United States Environmental Protection Agency Region IX (USEPA) was contacted on August 27, 2002 for information regarding the subject property. According to the USEPA, there are no records on file within the Air and Waste Division or the Toxics Office for the subject property. However, according to the Resource Conservation and Recovery Act (RCRA) department, a 1980 Notification of Hazardous Waste Activity for Frank W. Dunne Company was on file for the generation of hazardous wastes.



Hazardous wastes from unspecified sources included paint production wastes (F078), (F079), (F080), and (F082), which were suspended by the EPA in January 16, 1981 (46FR 4614).

No readily apparent evidence of environmental concerns at the subject property was noted in the EPA records reviewed, except that hazardous wastes were generated at the subject property in 1980.

### 3.6 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS

The following previous environmental reports performed at the subject property were provided to Clayton from Green City Development Group. Some of these reports are provided as Appendix E. Clayton's review of these reports is provided below:

- **March 1990 *Ground Water Sampling From Monitoring Wells at 1007 41<sup>st</sup> Street, Oakland, California.* Prepared by Environmental Science & Engineering, Inc. for Dunne Quality Paints.**

Wells MW-D1 and MW-D2 were sampled on the subject property and analyzed for TPH and BTEX compound. No concentrations of benzene or toluene were detected. TPH was detected in MW-D2 at 300 ppb, ethylbenzene was detected at 0.3 ppb, and xylenes were detected at 1.5 ppb. It was concluded that the detected concentrations did not "present a hazard to groundwater."

- **June 1991 *Level I Environmental Site Assessment, Dunne Quality Paints, Oakland, California.* Prepared by Blymyer Engineers, Inc. for Dunne Quality Paints.**

At the time of the 1991 assessment, Dunne Quality Paints occupied the subject property for paint manufacturing and retail sales. The subject property was reportedly developed with 8 buildings constructed between 1923 and 1978; prior to 1923, the subject property was reportedly developed with single-family residences. A total of eight, 1,000-gallon resin ASTs were observed outside the southern end of the buildings, near the southern property boundary within a concrete-lined secondary containment area. In addition, two 1,000-gallon mineral spirit convault ASTs were located within a second concrete secondary containment area. Adjacent to these convault tanks was a 500-gallon ethylene glycol AST. Further east were two 5,000-gallon latex resin ASTs. A sump was also observed behind the westernmost 5,000-gallon AST. Also, full and empty 55-gallon drums were observed to be stored near these ASTs.

The central portion of the building was reportedly used for warehouse and latex paint blending. Seven 500-gallon, two 1,600-gallon, and three 2,000-gallon open ASTs were reportedly located here and used for blending. Areas near the blending equipment were reportedly "covered with paint." The customer services offices were

apparently located north and separated from the blending area. The building further east was used for quality control testing purposes, and for storage of labels and filling.

South of this building was a three-story structure labeled "Tint Color Storage" and was used for storage and for solvent and small batch blending, which occurred in four stationary mixers on the 1<sup>st</sup> floor. The 2<sup>nd</sup> and 3<sup>rd</sup> stories were used for storage of labels and drums containing trysol lac, trokyd anti-skin B, rhoplex emulsion, latex, glycol ether, texanol, dimethylethanamine, ropaque, xylene, resins, acetate, petroleum naphtha, propyl propsol, tung oil, solvent, and vegetable oil. The flooring of the upper 2 stories was reportedly stained by dried varnish and paints. According to an interview with an employee of the facility, this building was formerly used as the entire paint manufacturing facility where the products of each process "flowed down from one floor to the other."

Tint and color products were stored south of the previous building, with an employee lunchroom located further south. One of these buildings was reportedly used to cook varnish and that observed black material was "old varnish." Two groundwater monitoring wells were observed in the former UST area in the northern portion of the subject property.

According to Blymyer, review of RWQCB records indicated that EBMUD discovered a release of 2-methylnaphthalene and 2,000 ppm of C<sub>8</sub> to C<sub>15</sub> hydrocarbons, which suggests that the contamination is due to a release of Stoddard solvent, paint thinner, or a related compound, near a storm sewer interceptor near the intersection of Adeline Street and 41<sup>st</sup> Street. In 1991, EBMUD reportedly notified the subject property owner (Dunne), Oakland National Engravers (ONE) on the northern adjoining property, and California Linen Rental on the eastern adjoining property. It was EBMUD's opinion that Dunne was responsible for the release. Dunne stated that the northern and eastern adjoining properties were also potential contributors. Dunne entered into a settlement agreement with EBMUD, the City of Oakland, and the City of Berkeley (Joint Partners) to remove some of the contaminated soil without admitting liability.

Blymyer also reported information regarding the eastern adjoining (upgradient) property at 989 41<sup>st</sup> Street in Oakland occupied by California Linen Rental, which was a commercial laundry company. A diesel fuel release was apparently discovered in 1989 during the removal of 3 USTs containing gasoline, unleaded gasoline and fuel oil. Soil samples indicated presence of over 100 ppm of hydrocarbon contamination. Groundwater samples collected from standing water in the UST pit indicated 14,000 ppm of oil and grease and 520 ppm of TPH-d. Three groundwater monitoring wells were installed and four quarterly sampling events subsequently occurred. Two of these wells reportedly did not contain detectable concentrations of hydrocarbons during a "recent" sampling event. Case closure was requested from the ACHCSA in 1991; however, the request was denied due to the remaining presence of contamination onsite.

Blymyer also reported information regarding the northern adjoining ONE property. Prior to 1980, Ameritone Paint reportedly occupied this property for the manufacturing of paint involving use of pigments, resins, and mineral spirits. In 1980, Oakland National Engravers purchased the property. As of 1988, an antique furniture restoration company occupied a portion of this property near the USTs and reportedly used large quantities of paint strippers, wood stains, mineral spirits, and resins. A release of methylene chloride and light petroleum hydrocarbons was discovered in 1988. Soil apparently contained methylene chloride up to 2,100 ppb and xylenes up to 2,400 ppb, while groundwater was impacted by methylene chloride at 720 ppb. TPH showed 610,000 ppm in groundwater, while the UST contents only contained 37 ppm. According to Blymyer, analysis of chromatograms showed that the signatures of the TPH in groundwater did not match those of the UST contents. ONE claimed that the discrepancy between the contaminants found in groundwater and the substances stored in onsite tanks was due to an offsite source.

Blymyer also reviewed regulatory case files for other offsite facilities within a 2,000-foot radius from the subject property. None of these sites were deemed to present an environmental concern to the subject property.

The results of Blymyer's assessment indicated that the subject property had been used for paint manufacturing since 1923 containing ASTs, and surrounding properties have had petroleum hydrocarbon releases. Blymyer recommended a subsurface investigation.

- **June 1992 Report of Limited Soil Investigation, Frank W. Dunne Company, 1007 41<sup>st</sup> Street, Oakland, California. Prepared by Hageman-Aguiar, Inc.**

This investigation was conducted in order to evaluate the soil quality of near surface soils at the subject property. The two groundwater monitoring wells (MW-D1 and MW-D2) were reportedly installed on the subject property immediately following the removal of the six USTs from under the northern sidewalk. The use of the subject property was generally the same as was described by Blymyer (1991). Additionally, an underground product line was depicted as extending from four former USTs in the northern portion of the subject property to a pump located south of the building in the central portion of the subject property.

A total of 6 soil borings were advanced on the subject property as follows: B-1 was advanced in the western parking lot; B-2 and B-3 (near the former UST pump used to transport mineral spirits) were advanced in the driveway along the southern boundary of the subject property; B-4 was advanced within the latex manufacturing portion (eastern portion) of the building; B-5 was advanced in the "Pigments" room, located south of the latex manufacturing; and B-6 was located in the paint manufacturing room located east of the latex manufacturing.

Paint thinner/mineral spirit odors were noted in groundwater from B-1 and B-2; the soil did not reportedly contain odors. Odors were also noted in soil from B-3 at 7

feet, in B-4 at 11 feet, in B-5 and B-6 at 7 feet, which was attributed to shallow groundwater influences, since shallower soil did not reportedly contain odors. No groundwater samples were collected during this investigation.

Two soil samples were collected from each of the 6 borings at 4 feet and 7 feet bgs, respectively, and analyzed for TPH-g, -d, -mo, -k, -ms, and for BTEX compounds. No concentrations of these analytes were detected, except for the following:

- B-3 contained TPH-ms at 4.9 ppm and 1.5 ppm at 4 and 7 feet, respectively,
- B-5 contained TPH-ms at 17 ppm at 7 feet, and
- B-6 contained TPH-ms at 3.4 ppm and 620 ppm at 4 and 7 feet, respectively.

Mineral spirits odors and/or detectable concentrations were found in all borings. Hageman-Aguiar, Inc. concluded that the near surface soil in the areas investigated did not contain detectable concentrations of TPH and BTEX compounds and therefore were not impacted by onsite operations. However, no soil sampling was conducted in the varnish production or solvent mixing areas. The TPH-ms detections in deeper soil were attributed to regional groundwater impacts.

- **June 1992 *Groundwater Sampling Report, Frank W. Dunne Company, 1007 41<sup>st</sup> Street, Oakland, California.* Prepared by Hageman-Aguiar, Inc.**

This report summarized the sampling of the two groundwater monitoring wells (MW-D1 and MW-D2) located in the sidewalk in the northern portion of the subject property. The groundwater flow direction was determined to be to the southwest. Two groundwater samples were collected from each onsite well and analyzed for TPH-g, -d, -mo, -k, -ms, and for BTEX compounds. No concentrations of these analytes were detected, except for 0.076 ppm of TPH-ms in MW-2.

- **February 1999 *Evaluation of Site Contamination and Recent Groundwater Sampling, One, Dunne Paints, California Linen, Oakland/Emeryville, California.* Prepared by BES for O.N.E. Color Communications.**

This report was prepared for submission to both the ACEHD and the RWQCB. The report provided a summary of the historical occupation of both the northern adjoining ONE property (1001 42<sup>nd</sup> Street) and the eastern adjoining California Linen Rental property (989 41<sup>st</sup> Street). The ONE facility was reportedly occupied by Boysen Paint Company for paint and varnish manufacturing beginning in the mid-1930s. By 1980, Boysen had been merged into Ameritone Paint Corporation and this property was sold to Mr. and Mrs. Kozel in 1981. Boysen reportedly ceased operations in 1990, and Oakland National Engravings (ONE) began their occupation at that time. Also, from the late 1980s until 1993, a portion of the ONE property was occupied by Rockridge Antiques, which was involved in refinishing and stripping furniture, which utilized a

trough in the former truck loading dock. Oakland National Engravings changed its name to ONE Color Communications, Inc. in 1994.

California Linen Rental reportedly operated a linen supply rental service and commercial laundry at the eastern adjoining property since 1924.

The report summarized previous environmental investigations at the subject property, the northern adjoining ONE property and the eastern adjoining California Linens property (summarized in the December 2000 BES report discussion below). BES concluded that based on 10 years worth of data, little appears to have changed as the site's predominantly low-permeability Bay Mud and small groundwater gradient have kept contamination confined to the site. BES further concluded that the most appropriate way to proceed in addressing closure at the site is by assessing the risk posed to human health and the environment by contamination remaining at the site. BES requested concurrence of this assessment from the ACEHD and the RWQCB. Concurrence of this assessment was not found in the information reviewed during Clayton's assessment.

- **July 2000 *Groundwater, Soil, & Air Sampling Results, One, Dunne Paints, and California Linen in Oakland/Emeryville, California.* Prepared by Block Environmental Services (BES) for O.N.E. Color Communications.**

This report was written to the ACEHD to the attention of Ms. Susan Hugo for review. A copy of this report was apparently forwarded to Chuck Headlee of the RWQCB. A workplan for this investigation (dated November 15, 1999) was reportedly approved by the ACEHD.

The objective of this investigation was to collect additional groundwater data, subsurface characterization of the subject property, and collection of air emission data to complete a human health risk assessment in order to obtain a No Further Action (NFA) letter for the subject property and the northern adjoining property (ONE).

#### **Historical Groundwater Data**

Groundwater monitoring data from 1988 through 1999 for MW-D1 and MW-D2 (located in the northern portion of the subject property) was presented. No concentrations of VOCs, benzene, and TPH as diesel, gasoline, or kerosene were reportedly detected during this time period. Concentrations of TPH-ms were detected in MW-D1 ranging from 100 to 1,000 parts per billion (ppb), with no detectable concentrations reported during the last sampling event in 1999. TPH-ms detected in MW-D2 ranged from 70 to 1,600 ppb. Total extractable petroleum hydrocarbons (TEPH) quantified as "non diesel" ranged from 200 (MW-D1) to 9,100 ppb (MW-D2) and total purgeable petroleum hydrocarbons (TPPH) quantified as "non gasoline" ranged from 95 ppb (MW-D2) to 6,200 ppb (MW-D2). Low concentrations of ethylbenzene, toluene, and xylenes (TEX, collectively) ranging from 0.3 to 7.7 ppb in both wells.

Groundwater data was also reported for an additional 8 wells (6 located in 41<sup>st</sup> Street or on the northern adjoining ONE property and 2 on the eastern adjoining California Linens property). The data is summarized for each property below:

- *Northern Adjoining ONE Property:* No concentrations of VOCs were detected from 1991 to 1998. Concentrations of petroleum products were detected including TPH-d (170 to 18,000 ppb), total extractable petroleum hydrocarbons (TEPH)-non diesel (170 to 27,000 ppb), TPH-g (18,000 ppb), total purgeable petroleum hydrocarbons (TPPH)-non gasoline (83 to 57,000 ppb), kerosene (29,000 ppb), TPH-ms (120 to 630,000 ppb), benzene (5 ppb), ethylbenzene (250 ppb), toluene (6 ppb), and xylenes (980 ppb).
- *Eastern Adjoining California Linens Property:* No concentrations of VOCs were detected from 1993 to 1998. Concentrations of petroleum products were detected from 1989 to 1998 including TPH-d (600 to 14,000 ppb), TEPH non diesel (11,000 ppb), TPH-g (23,000 to 99,000 ppb), TPH-ms (250 to 59,000 ppb), benzene (75 to 13,000 ppb), ethylbenzene (47 to 13,000 ppb), toluene (1.1 to 18,000 ppb), and xylenes (3.3 to 8,600 ppb).

#### 1999 Groundwater Data

Groundwater samples were obtained from a total of seven groundwater monitoring wells. Two of these wells (MW-D1 and MW-D2) were located on the subject property, near the northern property boundary; the remaining 5 wells were located in 41<sup>st</sup> Street and on the northern adjoining ONE property. In addition, according to a figure provided in this report, an additional well was located on the northern adjoining property and two other wells were apparently located on the eastern adjoining California Linens property (these wells were not apparently sampled during this investigation). The 7 groundwater samples were analyzed for TPH-ms only.

Groundwater concentrations of TPH-ms detected on the subject property included no detectable concentration in MW-D1 and 100 ppb in MW-D2. Groundwater concentrations of TPH-ms detected in 41<sup>st</sup> Street and on the northern adjoining property ranged from non-detectable to 630,000 ppb. No floating product was observed in any of the wells.

BES concluded that the concentrations of TPH-ms detected in groundwater were generally lower than was measured in 1998. A well located in 41<sup>st</sup> Street was reportedly three orders of magnitude less than the previous year concentration and the farthest downgradient wells, which included MW-D1 on the subject property, did not contain detectable concentrations of TPH-ms.

Temporary groundwater monitoring wells (known as hydropunch borings (HP)) were installed in the downgradient direction in order to assess whether TPH-ms had migrated to Adeline Street and whether groundwater beneath the subject property had been impacted. A total of four locations were selected; only one of these (HP-4) was

located on the subject property (reportedly near former ASTs removed in 1991 in the central portion). The remaining locations were in Adeline Street (HP-1 located directly west of the subject property and HP-3 located further north) and 41<sup>st</sup> Street (HP-2 located beyond the northwestern corner of the subject property).

A slight mineral spirits odor was noted in HP-4 in saturated soils at 10 feet bgs. Groundwater was not apparently sampled at the time of the initial drilling activities due to the lack of groundwater present in the well, which was thought to be a result of smearing of the clayey soils. Only two groundwater samples were collected (HP-1 at 12 feet bgs and HP-3 at 14.85 bgs) from the other three borings due to lack of groundwater present in the temporary wells.

The groundwater samples were analyzed for TPH-ms only. Groundwater concentrations of TPH-ms detected 21,000 ppb in HP-1 located in Adeline Street west of the subject property. No concentration of TPH-ms was detected in HP-3.

The concentration of 21,000 ppb detected in HP-1 in Adeline Street was believed to be a result of cross-contamination from the drilling, purging, or sampling process. Based on the suspect concentration and the lack of groundwater sample collection from several of the borings, HP-1, HP-2, and HP-4 were redrilled to depths ranging from 20 to 30 feet bgs. The analytical results indicated that no concentrations of TPH-ms were detected in HP-1 at 25 feet bgs. HP-2 contained 67 ppb of TPH-ms and HP-4 contained 570 ppb of TPH-ms.

Based on these results, BES concluded that TPH-ms contamination had not migrated downgradient to Adeline Street. The source of the contamination detected was not reportedly known.

### Soil Data

Soil sampling reportedly occurred in two areas of the subject property during this investigation. These areas were reportedly located in the former varnish production portion of the former Dunne Paints property (located in the southern portion of the subject property), which in 1999 reportedly contained a furniture restoration business. One location (DV) was reportedly near an in ground air vent servicing a former varnish kettle, which was speculated as formerly providing oxygen to fires heating the kettles. The second location (DS) was an exposed 2-foot by 3-foot rectangular patch of soil in an unspecified portion of the former varnish production area.

Sample location DV was reportedly capped by a 1-foot thick concrete slab. Three soil samples were collected at this location including a near surface soil sample, at 3 feet, and at 5 feet bgs. However, only the soil sample collected at 3 feet bgs (DV3) was submitted for laboratory analysis, which was believed to be below the vent's depth. Two soil samples were collected from the exposed soil patch location (DS) near the ground surface an at about 2 feet bgs. The surface soil sample reportedly contained a mineral spirits odor, which was not noted in the deeper 2-foot sample.

The three soil samples (DV3, DSO, and DS2) were analyzed for California Assessment Manual (CAM) 17 total metals, VOCs, semi-VOCs, and TPH-ms. The analytical results indicated that some metals were detected at the following concentration ranges: arsenic (3.5 to 7.4 ppm), barium (120 to 510 ppm), cadmium (24 ppm), chromium (33 to 93 ppm), cobalt (9.9 to 88 ppm), copper (24 to 100 ppm), lead (9.8 to 1,900 ppm), molybdenum (3.1 ppm), nickel (29 to 49 ppm), vanadium (15 to 31 ppm), zinc (98 to 4,100 ppm), and mercury (0.055 to 2,700 ppm). No chlorinated VOCs were detected; however, several non-chlorinated VOCs were detected including acetone (0.055 ppm), benzene (2.3 ppm), naphthalene (3.1 to 32 ppm), and xylenes (4.6 ppm). TPH-ms was detected from 20 to 15,000 ppm.

The highest concentrations of the above-referenced analytes were detected in the surface soil sample collected from the exposed soil patch. BES concluded that soils below the vent had not been impacted by site activities and that the metals and VOC impacted soil appeared to be limited to the near surface, as relatively low to background concentrations of these analytes were detected at 2 feet bgs. BES recommended excavation and disposal of the contaminated soil in the exposed soil patch.

#### Soil Vapor Data

A soil vapor (flux chamber) sample was collected from the subject property in a room that was reportedly formerly used for solvent mixing. Additional samples were collected on the northern adjoining ONE property. The soil vapor samples were analyzed for VOCs. Concentrations of VOCs detected from the sample collected on the subject property included methylene chloride (72 micrograms per m<sup>3</sup> (µg/m<sup>3</sup>), benzene (4.6 µg/m<sup>3</sup>), toluene (110 µg/m<sup>3</sup>), xylene (5.7 µg/m<sup>3</sup>), acetone (670 µg/m<sup>3</sup>), propanol (120 µg/m<sup>3</sup>), butanone (12 µg/m<sup>3</sup>), hexane (150 µg/m<sup>3</sup>), cyclohexane (19 µg/m<sup>3</sup>), ethanol (68 µg/m<sup>3</sup>), and TPH-hexane (1,800 µg/m<sup>3</sup>).

#### Risk Assessment

A human health risk assessment (HRA) was to be developed using the soil vapor sampling data presented above (a copy of this HRA was not included in this report). According to BES, the former USTs located under the sidewalk on either side of 41<sup>st</sup> Street are the only significant sources of contamination that have been identified at the subject property and northern adjoining property. These USTs reportedly contained mineral spirits only for manufacturing paints by Dunne at the subject property and by Boysen on the northern adjoining property. These USTs were reportedly excavated in 1987/88, and most were confirmed to have leaked.

BES stated, "groundwater samples from throughout the site (subject property and northern adjoining property) have been analyzed for VOCs and various types of TPH." Except for a few low concentrations of BTEX compounds, all groundwater samples reportedly did not contain detectable concentrations of VOCs. "Hydrocarbons detected in groundwater closely match the mineral spirits signature."



Soil and groundwater under the subject property and northern adjoining ONE property are known to be impacted with TPH-ms and indoor air contains elevated concentrations of TPH and some VOCs. Since the area of contamination was reportedly the former UST areas under the concrete-paved sidewalks, BES stated that there is no complete exposure pathway for contaminants in soil.

BES contacted the California Department of Water Resources (DWR) to determine if there are any wells located within 2,000 feet of the subject property. DWR stated that only groundwater monitoring wells and no drinking water wells are present within this radius. BES concluded that groundwater in the vicinity of the subject property is not and is not likely to be used for drinking water. In addition, a deed restriction prohibiting the use of groundwater beneath the subject property was to be issued along with case closure. Furthermore, no surface water is present on the subject property and, therefore, dermal contact with contaminated water was not a potential exposure pathway.

Inhalation of chemicals present at the subject property and northern adjoining property was determined to be the only complete exposure pathway. Based on the air sampling data, exposure scenarios were developed, including a residential scenario to account for future residential development of live/work lofts. The health risk assessment would consider a child resident receptor to be the potentially maximally exposed individual, which was considered to be the most conservative scenario.

- **December 2000 *Environmental Site Assessment, Former Dunne Paints, Oakland/Emeryville, California.* Prepared by BES for Green City Lofts.**

This report summarized the investigation as presented in the previous bullet (as well as others). At the time of the 2000 site visit, the subject property was developed with several adjoining buildings and an asphalt-paved parking lot bordering Adeline Street. The westernmost 2-story building was reportedly occupied by M-Code for office space. Attached to this building was vacant warehouse space used by Green Development Group as a mailing address. Adjacent to this warehouse space was additional warehouse space occupied by West Mac Builders for the storage of construction equipment. Spam Records also reportedly occupied office space bordering 41<sup>st</sup> Street. Icon Press, a small printing business, reportedly leased the eastern portion of the building.

BES reported that Dunne Paints formerly occupied the subject property from 1923 to the early 1990s, with a retail store being added in the 1980s. Operations conducted at the subject property reportedly included paint manufacturing (including solvent mixing) in the eastern portion, latex manufacturing and blending towards the central portion, varnish production in the southern portion, warehousing in the western portion, and general office space in the northeastern portion. The subject property was reportedly occupied by silk screen (Cynder Block) and poster print businesses and a furniture refurbisher (Top Coat) following Dunne. LCI, a large appliance distributor, also reportedly occupied the subject property following Dunne. BES

inks reported that no use or storage of chemicals was associated with these companies in 2000, except for the small printing operation that reportedly used water-based solvents. Other historical information reported by BES revealed that Frank W. Dunne purchased the subject property from Mary Tavares in 1923.

This report also summarized other previous investigations and provided background information regarding USTs and investigation activities performed since 1988, as summarized above. The four westernmost former USTs located in a common pit were reportedly in use since the late 1960s. Two additional USTs containing capacities of 4,000-gallons were reportedly located under the sidewalk in a second common pit, towards the eastern end of the subject property, and had not reportedly been used for over 35 years prior to their removal in 1988 by Hunter/Gregg.

BES also included information regarding the northern adjoining ONE property as well as the eastern adjoining California Linens property as summarized below:

- *Northern adjoining ONE property:* At least 2 USTs were apparently associated with this property; a 10,000-gallon mineral spirits UST in the truck loading area and a second 8,000-gallon UST containing mineral spirits located under the sidewalk of 41<sup>st</sup> Street. The 10,000-gallon UST was removed in 1987 and petroleum impacted soil was found beneath the tank. A groundwater monitoring well (MW-LD4) was subsequently installed in the excavation pit.

The 8,000-gallon UST was purged of 610 gallons of sludge, solvents, and water in 1990 and groundwater monitoring well (MW-B1) was installed outside the western end. Groundwater was found to be impacted with 57,000 ppb of TPH (unknown type) and 11 ppb of methylene chloride. In 1991, groundwater from this well was found to be impacted with 18,000 ppb of TPH-g, 29,000 ppb of TPH-k, 5 ppb of toluene, 25 ppb of ethylbenzene, and 98 ppb of xylenes. No concentrations of VOCs were detected, including methylene chloride.

This second UST was closed in place in 1993. Leaks were noted and soil discoloration was observed beneath the product lines. About 25 tons of soil was excavated from around the UST. Soil was impacted by TPH-ms; however, no concentrations of VOCs, except for 0.4 to 0.8 ppm of xylenes, were detected. About 39 cubic yards of slurry was pumped into this UST.

Following the second USTs removal, three additional groundwater monitoring wells (MW-B2, MW-B3, and MW-B4) were installed in 41<sup>st</sup> Street in 1993 and sampled. No concentrations of VOCs were detected. However, TPH-ms was detected at 290,000 ppb in MW-B2, 43,000 ppb in MW-B1; lower concentrations were detected in the remaining ONE wells.

Two concrete sumps located at this facility, within the loading dock area, were reportedly used by Rockridge (a furniture refinisher) to collect waste strippers containing methylene chloride. A sample of sludge in one of the sumps was

analyzed in 1993 and found to contain TPH (non-gasoline) at 130,000 ppb, toluene at 1,100 ppb, ethylbenzene at 1,400 ppb, xylene at 14,000 ppb, trichloroethene (TCE) at 460 ppb, and methylene chloride at 17,000 ppb. Also, 110-gallons of liquid reportedly present in the larger sump was purged and analysis of this liquid revealed that it contained 79,000 ppb of methylene chloride, 12,000 ppb of TCE, and trace amounts of 1,2-dichloroethylene.

In 1994, BES subsequently conducted a subsurface investigation near these two sumps, which included the advancement of one soil boring immediately downgradient. Two soil samples (one at 3 feet and one at 8 feet bgs) were collected and TCE was detected at 0.0095 ppm in the 3-foot sample and 0.013 ppm in the 8-foot sample (which is near groundwater). The boring was converted into a monitoring well (BES-1) and sampled. No concentrations of halogenated VOCs were detected in groundwater from this well; however, TPH-d and TPH-ms were found. These two sumps were filled with concrete in 1995 and a closure report was submitted to ACEHD.

BES stated that methylene chloride was only detected at the ONE facility once in 1990 and it along with other halogenated VOCS has not been detected since.

- *Eastern adjoining California Linens property:* Three fuel USTs (one 2,500-gallon #5 fuel oil, one 10,000-gallon gasoline, and one 550-gallon gasoline) were removed from this facility in 1989. Soil collected from the 2,500-gallon UST contained up to 900 ppm of TPH-d and 650 ppm of oil and grease. A groundwater sample collected from this excavation pit contained 520,000 ppb of TPH-d. Contaminated soil was reportedly removed from this excavation pit and disposed of offsite. A monitoring well (MW-3) was subsequently installed downgradient from this UST, which reportedly did not contain detectable concentrations of petroleum products over a one-year period, and was therefore destroyed under the approval of the ACEHD in 1991.

Soil sampled around the 10,000-gallon UST contained 38 ppm of TPH-g, and BTEX compounds ranging from non detect to 1.8 ppm. A groundwater sample collected from this excavation pit contained 1,200 ppb of TPH-g and BTEX compounds ranging from 40 to 240 ppb. The ACEHD approved backfilling of this UST and the installation of well MW-2 adjacent and downgradient of this UST. Over 11 sampling events, only two detectable concentrations of TPH (TPH-d at 50 ppb and TPH-ms at 250 ppb) were found. Also, low concentrations of BTEX compounds ranging from 1.1 to 3.3 ppb were detected only once.

Soil sampled around the 550-gallon UST contained up to 310 ppm of TPH-g, and BTEX compounds ranging from 5.3 to 45 ppm. Following overexcavation of this pit, no concentrations of these analytes were reportedly found in confirmation soil samples. Well MW-1 was installed adjacent to and downgradient from this UST. Over 11 sampling events, this well contained "appreciable" concentrations of TPH and BTEX compounds.

According to BES, the near future use of the subject property will be a 4-story residential facility containing an underground parking garage. Based on current operations, BES concluded that the current occupants did not pose an environmental concern to the subject property.

- **December 2000 *Geotechnical Investigation, Green City Lofts, 4050 Adeline Street in Emeryville/Oakland, California.* Prepared by Subsurface Consultants, Inc. for Green City Development.**

According to this report, five, 3 to 4-story, multi-unit residential structures, including one level of below-grade parking connecting all five structures will be developed at the subject property. According to this report, the parking garage will reportedly extend to around 10 feet bgs. The purpose of this report was to explore subsurface conditions and provide recommendations for geotechnical aspects of the proposed development.

Two borings (B-1 and B-2) using hollow stem auger equipment were advanced to about 51.5 feet bgs in the western portion of the subject property, within the asphalt-paved parking lot. In addition, 3 borings using Cone Penetrometer Testing (CPT) equipment were advanced to about 48.75 feet bgs; one (CPT-1) in the western parking lot and two (CPT-2 and CPT-3) in Linden Street to the east of the subject property. Although no analyses were conducted, odors were noted in B-1 at 5 feet bgs and in B-2 from zero to 4 and at 15 feet bgs. Subsurface concluded that the proposed development was feasible from a geotechnical standpoint.

- **February 2002 *Risk Management Plan, O.N.E. Color Communications and Green City Lofts.* Prepared by BES for ONE Color Communications and Green City Lofts.**

This risk management plan (RMP) was prepared for both the northern adjoining ONE property and the subject property in order to determine if there are human and ecological risks associated with contamination present in soil and groundwater. As of the date of this report, Green City Lofts was preparing to build five, 3 to 5-story buildings containing 62 live/work lofts on the subject property. In addition, a parking structure will be constructed. Each unit will range between 600 and 1,500 square feet. The existing buildings on the subject property will be demolished. No future development activities are currently planned for the ONE property.

Prior to demolition, approximately 9 cubic yards of soil contaminated with high concentrations of TPH-ms and metals will have to be removed from the 2-foot by 3-foot exposed rectangular patch of soil in the former varnish production area. This area will be excavated to a depth of 1.5 feet bgs.

In addition, following the demolition of the onsite buildings, soil samples will be taken and analyzed for TPH-ms prior to excavation activities, to determine property disposal options. An undisclosed quantity of soil will be excavated and disposed of

offsite to a depth of 4 feet below groundwater level. Shoring will be installed along the subject property perimeter. Upon encountering the groundwater table, groundwater will be filtered and discharged offsite. A waterproof membrane will be installed over the shoring. Ultimately, all the remaining onsite soils will be capped by building foundations.

According to BES, the ACEHD and the RWQCB has identified TPH-ms as the only chemical of concern for the subject property and northern adjoining property. The greatest potential risk for exposure was identified as the onsite workers during demolition activities. However, based on the lack of toxicity information available for TPH-ms, complete exposure point concentrations could not be quantified. A Health and Safety Plan (HSP) has reportedly been developed for future redevelopment activities (a copy of this plan was included in the RMP). Protection of worker health and safety was presented in the RMP document, as also reportedly outlined in the HSP.

The RMP stated that contamination from the California Linen's former fuel USTs had not commingled with plumes associated with former USTs at the subject property or northern adjoining property. The RMP stated that the ACEHD "approved BES's conclusion that the plume from California Linen does not contribute to the risk from the subject site. Therefore, this RMP is based on potential risk from the ONE and former Dunne Paints facilities only." Furthermore, the subject property's soil type (*i.e.*, Bay Mud) and small groundwater gradient has kept the plume reportedly confined to the subject property.

BES concluded that the subject property and northern adjoining property appears to be suitable for risk-based closure based on the following:

- Source has been removed;
  - Nature of contamination;
  - Limited potential for contaminant migration;
  - Further site remediation is economically infeasible;
  - Natural degradation of contaminants appears to be occurring; and
  - Site contamination does not pose an adverse risk to human health and the environment due to incomplete exposure pathways.
- **June 2002 Phase I Environmental Site Assessment Update For Property Located At 1007 41<sup>st</sup> Street, Oakland, California. Prepared by BES for Green City Development.**

At the time of the site visit, the subject property buildings were occupied for residential purposes. Some quantities of paints, varnishes, and construction equipment were stored in various areas of the buildings. The Phase I ESA Update did not identify any additional environmental issues or concerns since BES's December 2000 report.

### 3.7 SUMMARY OF HISTORICAL REVIEW

The historical research conducted during this assessment has established the obvious uses of the subject property since 1903. From at least 1903 to around 1952, the subject property was residentially developed in the central and western portions. From at least 1923 to around 1991, the eastern portions have been developed with paint manufacturing buildings added over time, with the addition of buildings and facilities trending from east to west across the subject property during this time period. Paint manufacturing activities were reportedly conducted onsite by Frank W. Dunne Company/Dunne Quality Paints during this time period. From 1991 to the present, the subject property has been used for the retail sale of paints, which reportedly ceased sometime in the mid-1990s, and residential and general warehouse purposes.

### 4.0 STANDARD ENVIRONMENTAL RECORD SOURCES, FEDERAL, STATE, AND LOCAL

Available government database information prepared by EDR was reviewed to evaluate both the subject property and offsite facilities located within ASTM-specified search distances. The database report identified 307 plotted facilities and 64 orphan facilities. Orphans are facility sites that cannot be plotted with confidence, but can be located by zip code or city name. In general, a facility site cannot be geo-coded due to inaccurate or missing information in the environmental database record provided by its applicable agency. Cross-referencing addresses and site names, as well as a visual reconnaissance of surrounding properties, has been completed for the orphan sites in the database report. A complete listing of the identified listed and orphan sites, and descriptions of the federal, state, and local databases reviewed are included in the database search report (Appendix F).

The subject property was identified in the following databases searched by EDR:

- The Cortese/LUST/CA SLIC databases identify facilities that have had chemical releases. Dunne Quality Paints was identified as having a V, M & P Naphtha/Paint Thinner release impacting soil and groundwater discovered during UST closures in 1988. According to the LUST database, the case was closed on 8/14/1989 by the local oversight agency. The subject property was further identified as an inactive SLIC site; however, according to the RWQCB, this site was never included in the SLIC program. See Sections 3.5.3 and 3.6 for further details.
- The RCRIS-SQG database identified facilities that generate small quantities of hazardous wastes. Frank W. Dunne Company was identified with no violations found. This database does not directly identify chemical releases.
- Facility Index System/Facility Identification Initiative Program (FINDS) – The FINDS database indicates other environmental activity identified at the subject property through the following resources; AIRS Facility System, Biennial Reporting

System, Facility Registry System, National Emissions Trends, National Toxics Inventory, Resource Conservation and Recovery Act Information System, and the Toxic Chemical Release Inventory System. The database does not give detailed information about these resources. No direct evidence of a chemical release is indicated.

- The HAZNET database identifies facilities that have generated hazardous waste manifests. Kelly Moore Paints was identified as generating paint sludge and oxygenated solvents (acetone, butanol, ethyl acetate, etc.). This database does not directly identify chemical releases.

No records of environmental liens against the subject property were found, based on review of the database search report.

Several adjoining properties were identified in the database search report. Information provided by EDR regarding these properties are summarized below:

- Rockridge Warehouse located at 1010 41<sup>st</sup> Street (northern adjoining property) was identified in the HAZNET database as generating hazardous wastes containing liquids with halogenated compounds and unspecified solvent mixtures. This database does not directly identify chemical releases.
- Boysen Paint/Oakland National Engravers (ONE)/ONE Color Communications, LLC located at 1001 41<sup>st</sup> Street and 1001 42<sup>nd</sup> Street (northern adjoining property) was identified in the Cortese, RCRIS-SQG, FINDS, LUST, and CA SLIC databases. Identified as having a gasoline and diesel release impacting groundwater in 1992 and 1998 with a preliminary assessment underway under the supervision of the local oversight program. Also identified as a small quantity generator of hazardous wastes including liquids with halogenated compounds, metal sludges, photochemical wastes, and surplus organics. Also identified as an inactive SLIC site.
- California Linen at 989 41<sup>st</sup> Street (eastern adjoining property) was identified in the HAZNET, Cortese, and LUST databases as generating asbestos wastes and having leaking USTs (see Sections 3.5.3 and 3.6).
- 1070 40<sup>th</sup> Street (southern adjoining property) was identified in the CHMIRS database as having a chemical spill reported to the Office of Emergency Services in 1989 and was immediately cleaned up.
- National Upholstery Company at 4000 Adeline Street (southern adjoining property) was identified in the HAZNET database as generating unspecified solvent mixture waste. This database does not identify chemical releases.

In addition, the following farther offsite and up-to-crossgradient facilities were identified as having active cases involving chemical releases impacting groundwater or as of yet undefined releases:

Offsite Facility	Database(s)	Orientation from Subject Property	Database Summary
ARCO Station 4401 Market Street	CA FID UST; Cortese; LUST	1,036 feet East; Upgradient	Identified as an inactive UST location with a leaking UST. No other information provided.
ARCO 731 Macarthur Blvd W	LUST; Cortese	½ mile Southeast; Crossgradient	Identified as having an undefined motor vehicle fuel release impacting groundwater in 1988. Remedial action (cleanup) is underway.
Children's Hospital 4701 Martin Luther King	Cortese; LUST	> ½ mile Northeast; Upgradient	Identified as having an undefined gasoline release in 1990. Preliminary assessment is underway.
Simas Brothers 4013 Telegraph	Cortese; LUST	¾ mile East- Southeast; Crossgradient	Identified as having a gasoline release impacting groundwater in 1986. No action has yet been taken.
Shell 500 40 <sup>th</sup> Street	Cortese	¾ mile East- Southeast; Crossgradient	Identified as having a leaking UST. No other specific information provided.
Kelley Auto Parts 4400 Telegraph	Cortese; LUST	¾ mile East; Upgradient	Identified as having a Stoddard solvent release impacting groundwater in 1988. Post remedial action monitoring is in place.
California Highway Patrol 3601 Telegraph	Cortese	> ¾ mile Southeast; Crossgradient	Identified as having a leaking UST. No other specific information provided.
William H. Strehle Co. 494 36 <sup>th</sup> Street	HAZNET; Cortese	> ¾ mile Southeast; Crossgradient	Identified as having a leaking UST. No other specific information provided.
ARCO 5131 Shattuck	CA FID UST; Cortese; LUST	> ¾ mile East- Northeast; Upgradient	Identified as having a leaking UST. No other specific information provided.
Chevron 5101 Telegraph	CA FID UST; HAZNET; Cortese; LUST	1 mile East- Northeast; Upgradient	Identified as having a leaking UST. No other specific information provided.
Stauder Chevron 5500 Telegraph	Notify 65; HAZNET; Cortese	1 mile East- Northeast; Upgradient	Identified as having a leaking UST. No other specific information provided.
Unocal 411 W Macarthur Blvd	Cortese; LUST	1 mile East- Southeast; Crossgradient	Identified as having a gasoline release impacting groundwater in 1989. Preliminary site assessment is underway.



Offsite Facility	Database(s)	Orientation from Subject Property	Database Summary
Telegraph Business Proper 5427 Telegraph	Cortese	1 mile East-Northeast; Upgradient	Identified as having a leaking UST. No other specific information provided.

Based on Clayton's review, no farther offsite and up-to-crossgradient facilities with active cases involving chemical releases impacting groundwater or as of yet undefined releases were identified in the database search report.

## 5.0 ONSITE RECONNAISSANCE AND INTERVIEWS

Mr. Jesse D. Edmands, Supervisor of Environmental Assessments and Jon A. Rosso, Director of Environmental Services of Clayton, conducted the onsite reconnaissance portion of the Phase I ESA on September 5, 2002. The subject property was thoroughly inspected. Clayton also performed a visual reconnaissance of properties adjoining the subject property (see Section 2.3). Photographs taken at the time of the assessment are included behind the *Photographs* Tab. During the onsite reconnaissance and interviews, Clayton observed the subject property for and inquired about the features identified in the following table. Additional information about items noted can be found in the referenced section of this report.

Subject Property Features	Observed/Reported	Report Section
Hazardous Substances or Petroleum Products	No	
USTs	No	
ASTs	No	
Odors	Yes	5.1
Pools of Liquid	Yes	5.1
Drums	Yes	5.1
Electrical Equipment/Possible PCBs	Yes	5.7
Hydraulic Equipment/Possible PCBs	No	
Stains or Corrosion	Yes	5.1
Drains, Pits, Cisterns, Cesspools, Sumps	Yes	5.6
Pits, Ponds, or Lagoons	No	
Stained Soil or Pavement	Yes	5.1
Stressed Vegetation	No	
Solid Waste Disposal, including Artificially Filled Areas	Yes	5.5
Wastewater, including Stormwater	No	
Wells	Yes	5.8

Subject Property Features	Observed/ Reported	Report Section
Septic Systems	No	

## 5.1 GENERAL OBSERVATIONS

At the time of the walkthrough, the subject property was observed to be in relatively poor condition, with various amounts of trash and debris located throughout. The buildings were either vacant or residentially occupied. Odors were noticed around a sump containing a dark liquid sludge material, located in the southern portion of the property. About 8 full and empty 55-gallon drums (unlabeled) were located along the southern subject property boundary, along the loading dock. Several of these drums were reported to contain soil from the most recent geotechnical investigation performed onsite.

Multiple drains and sumps were noted in the southern portion of the subject property, near the former brick lined varnish kettles. Black staining that appeared to be dried varnish was evident along the brick walls. Some staining was observed on the concrete surface around a sump located in the northern loading dock area. Abandoned piping (possibly associated with the former paint thinner dispensing pump) was noted outside the southern portion of the central building on the subject property. Several large brick ovens with interconnecting piping and brick smokestacks were noted in the southern portion. A floor trough or spillway covered with dried paint was observed extending from the third floor to the second floor of the former paint mill building in the eastern portion of the subject property.

## 5.2 INTERVIEWS

Clayton attempted to interview the owner, key onsite manager, and occupants of the subject property for information and documents reflecting uses and conditions of the subject property. During this assessment, the following individual was interviewed for information regarding the subject property:

- Mr. Chad McNamee, current owner of the subject property, was interviewed during the site visit on September 5, 2002. Mr. McNamee has been associated with the subject property since 1992. According to Mr. McNamee, Dunne Paints formerly occupied the subject property for paint manufacturing, which ceased operation in 1991. Mr. McNamee reportedly purchased the subject property in 1992 and leased out various portions for general warehouse space and residential space since that time. According to Mr. McNamee, the near future use of the subject property will involve redevelopment into live-work lofts. Mr. McNamee was unaware of current USTs or ASTs at the subject property. Mr. McNamee was unaware of environmental liens or other proceedings against the subject property, other than the ongoing environmental investigation as summarized in Sections 3.5.3 and 3.6 with the ACEHD. Mr. McNamee stated that the following regarding utilities to the subject property:

- Power/heating: Pacific Gas and Electric Company (PG&E) provides onsite electricity and natural gas heating.
- Water: The East Bay Municipal Utility District (EBMUD) provides onsite water service to the subject property.
- Sewer: EBMUD provides onsite sanitary sewer service to the subject property.

The initial hookup dates for these utilities were not found in the information reviewed during this assessment.

- Dewitt Brock of Green City Development Group, Inc. was interviewed. Mr. Brock is the project manager for the planned residential development. According to Mr. Brock, the current structures will be demolished and the subject property will be redeveloped 5 live/work loft buildings with partial underground parking. The underground parking structure will essentially cover the entire subject property and will extend to depths of between 6 to 12 feet bgs. The excavation will also extend 4 to 5 feet below the groundwater surface. The residential complex will be constructed on top of the underground parking structure and there will be various courtyards between the buildings.

### 5.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

The subject property was inspected for indications (*e.g.*, drums, containers, unusual vegetation patterns, staining) of current or historic use, storage, or disposal of hazardous substances and petroleum products. Hazardous substances and petroleum products were not observed at the subject property.

### 5.4 STORAGE TANKS

#### 5.4.1 Underground Storage Tanks

The subject property was inspected for indications of USTs (*e.g.*, vent piping, dispensing equipment, pavement variations, fill port). Physical evidence of USTs was observed during the assessment, and included aboveground piping located outside the southern portion that is believed to have been former dispenser piping associated with the former paint thinner USTs. No other features were observed at the subject property that would have required USTs to be present (such as standby generators or boilers). Furthermore, there are no USTs currently registered for the subject property with the State of California (EDR, 2002). Historically, six paint thinner USTs were located under the sidewalk along the northern subject property boundary and removed in 1988 (see Sections 3.5.5 and 3.6).

The lack of visible evidence and owner/operator knowledge of additional USTs at the subject property does not preclude the possibility that additional USTs could be present at the subject property. Visible evidence of additional USTs may have been removed or

obscured from view and additional USTs could have been present at the subject property without the knowledge of the current owner/operator.

#### **5.4.2 Aboveground Storage Tanks**

The subject property was inspected for indications of ASTs (*e.g.*, concrete bolts, containers, reservoirs, generators). No ASTs were observed at the subject property.

### **5.5 INDICATIONS OF SOLID WASTE DISPOSAL**

The subject property was inspected for indications of solid waste disposal. Solid waste is not currently generated at the subject property. Areas that are apparently filled or graded by non-natural causes, or filled by fill of unknown origin, suggesting trash or other solid waste disposal, or mounds or depressions suggesting trash or other disposal, were not observed or reported, except for the reported presence of fill material (see Sections 2.4.1 and 3.6) and the mound observed in the western portion of the subject property.

### **5.6 DISCHARGE SOURCES**

The subject property was inspected for indications of discharge sources (*e.g.*, sumps, drains, clarifiers). Discharge sources observed at the subject property included typical restroom drains and multiple sumps and drains located outside the southern portion of the buildings and within the varnish kettle room. Several of these sumps contained dark, foul smelling liquid/sludge material. The purpose of these drains and sumps were not found during this assessment.

### **5.7 INDICATIONS OF POLYCHLORINATED BIPHENYLS**

The subject property was inspected for indications of potential PCB sources, such as liquid-cooled electrical units (*e.g.*, transformers, capacitors), and major sources of hydraulic fluid (*e.g.*, elevators, lifts). No potential PCB sources were observed at the subject property, except for several pole-mounted transformers located outside the northern portion of the buildings, along 41<sup>st</sup> Street. The transformers were observed to be in good condition with no visible evidence of fluid leaks observed. A service elevator is located in the former paint manufacturing building and reportedly contains a hydraulic piston driven by water, not oil.

### **5.8 WELLS**

The subject property was inspected for indications of wells (*e.g.*, dry, irrigation, injection, abandoned, monitor, supply). No wells were observed at the subject property, except for the two groundwater monitoring wells located in the northern sidewalk (see Section 3.6).

## 6.0 NON-ASTM ISSUES

### 6.1 ASBESTOS-CONTAINING MATERIAL

Since the buildings on the subject property will be demolished, a comprehensive, demolition-type survey for asbestos-containing materials (ACMs) is currently underway. Therefore, an assessment of suspect ACM was not conducted during this assessment.

Previous asbestos sampling was conducted in 1991 by Blymyer Engineers, who collected bulk samples of suspect ACM from 12-inch by 12-inch floor tiles from the customer service area, ceiling tiles in the customer service area on in the second floor office, and fibrous wrap around a duct outside the former customer service area. Asbestos was detected in the floor tile (1-5%) and pipe wrapping (45-50%). No fibrous wrap was seen by BES in 2000 or by Clayton.

### 6.2 LEAD-CONTAINING PAINT

Since the buildings on the subject property will be demolished, a comprehensive, demolition-type survey for lead-containing painted material (LCP) is currently underway. Therefore, an assessment of suspect LCP was not conducted during this assessment.

## 7.0 FINDINGS, OPINIONS, CONCLUSIONS, AND RECOMMENDATIONS

### 7.1 FINDINGS AND OPINIONS

The environmental findings of Clayton's Phase I ESA and peer review of previous environmental reports are presented in this Section. Clayton evaluated the findings and their relevance to ASTM-defined RECs. The findings and opinions follow:

#### 7.1.1 Soil Evaluation

Frank W. Dunne Company/Dunne Paints Company operated the subject property from at least 1923 to 1991 for manufacturing of architectural coatings. Operations involved latex paint blending, varnish production, and solvent mixing primarily within the eastern and southern portions of the subject property. The regulatory records indicate that as many as 70 different types of hazardous materials were stored or used at the subject property. The operations included the use of 6 paint thinner USTs (the date of the installation of these USTs is not well understood), multiple aboveground storage tanks (ASTs), solvent mixing, and brick ovens for varnish production.

Soil evaluation activities commenced at the subject property in 1988, with the collection of multiple soil samples from 16 soil borings advanced near the former paint thinner USTs in the northern sidewalk. Elevated concentrations of total petroleum hydrocarbons were detected. These were quantified as mineral spirits (TPH-ms) with a maximum concentration of 27,391 parts per million (ppm); no analyses for other constituents were

initially performed near the USTs. The USTs along with about 60 cubic yards of contaminated soil were reportedly removed in 1988.

In 1992, six additional soil borings (B-1 through B-6) were advanced to around 11 feet bgs with samples collected and analyzed at 4 and 7 feet bgs, respectively, within the several interior and exterior portions of the subject property. Analytical results indicated concentrations of TPH-ms in 5 of the 12 soil samples tested, with the highest concentration detected in B-6 (620 ppm) within the former paint manufacturing building. Mineral spirits odors and/or detectable concentrations were found in all borings. No concentrations of other TPH compounds or benzene, toluene, ethylbenzene or xylenes (BTEX, collectively) were detected in the soil samples. No other compounds were analyzed at these locations and no groundwater sampling was conducted.

In 1999, two additional soil borings (DV and DS) were advanced near an in ground vent and within an exposed patch of soil in the southern portion of the subject property, within the former varnish production area. Elevated concentrations of metals including zinc (4,100 ppm), mercury (2,700 ppm), and lead (1,900 ppm) were discovered in near surface soil in the DS boring. In addition, up to 15,000 ppm of TPH-ms was detected in near surface soil in the DS boring. Geotechnical borings advanced on the subject property in 2000 have also revealed petroleum odors to between 5 and 15 feet bgs. In addition, odors were noted in soil during hydropunch sampling (HP-4). No other soil samples have been reportedly collected at the subject property.

In 1999, a soil vapor (flux chamber) sample was collected from the subject property in a room that was reportedly formerly used for solvent mixing. The soil vapor sample was analyzed for volatile organic compounds (VOCs). Concentrations of VOCs detected from the vapor sample collected on the subject property included methylene chloride (72 micrograms per m<sup>3</sup> (µg/m<sup>3</sup>), benzene (4.6 µg/m<sup>3</sup>), toluene (110 µg/m<sup>3</sup>), xylene (5.7 µg/m<sup>3</sup>), acetone (670 µg/m<sup>3</sup>), propanol (120 µg/m<sup>3</sup>), butanone (12 µg/m<sup>3</sup>), hexane (150 µg/m<sup>3</sup>), cyclohexane (19 µg/m<sup>3</sup>), ethanol (68 µg/m<sup>3</sup>), and TPH-hexane (1,800 µg/m<sup>3</sup>).

Through these soil investigations and geotechnical work, the presence of approximately 3 to 4 feet of fill of unknown origin and containing some debris, such as glass fragments, was found to exist at the subject property. The only soil samples collected within the reported fill material present at the subject property were the DV and DS samples at the surface, 2 and 3 feet bgs. The lateral and vertical extent of the fill has not been investigated across the subject property. Furthermore, the soil below the groundwater table has not been tested and will be excavated during future redevelopment activities.

The offsite disposal of excavated soil (reportedly over 10,000 cubic yards) will occur during the redevelopment activities planned for the subject property. Since this material is largely uncharacterized and the collected data indicates the presence of hazardous substances and petroleum products, special handling and soil disposal requirements will most likely apply. The lack of comprehensive soil data throughout the subject property is of environmental concern and is considered to be a REC.

### 7.1.2 Groundwater Evaluation

Groundwater quality has been evaluated at 3 locations on the subject property as follows: two groundwater monitoring wells (MW-D1 and MW-D2) installed in two of the UST backfills (northern sidewalk area) and from a temporary well HP-4 installed in the southern portion of the subject property, near the former ASTs. The HP-4 location was sampled for TPH-ms only, and was found to contain TPH-ms at 570 parts per billion (ppb). The monitoring wells were sampled between 9 and 10 times, respectively, from 1988 to 1999, with the maximum concentration of analytes being total purgeable petroleum hydrocarbons (TPPH)-non gasoline at 6,200 ppb and TPH-ms found at 1,600 ppb discovered in MW-D2. These wells were also analyzed for chlorinated VOCs between 2 and 3 times and no concentrations were detected. No other groundwater samples have been collected at the subject property.

The groundwater flow direction at the subject property has not been confirmed. For example, westerly and southwesterly groundwater flows have been reported. In addition, only one other groundwater sample has been collected at the subject property (HP-4 near the southern subject property), which was contaminated with 570 ppb of TPH-ms; the source of this contamination was unknown. Therefore, the downgradient and lateral extent of the groundwater contamination on the subject property does not appear to be well understood at this time. Furthermore, other compounds have been historically detected onsite and have not been tested for comprehensively in soil or groundwater across the subject property. These include metals (primarily lead, mercury, and zinc), VOCs including methylene chloride, which were historically used onsite, and semi-VOCs (SVOCs).

Groundwater is expected to be encountered during the planned redevelopment activities and will be discharged offsite. In addition, dewatering activities beneath the future buildings are expected to occur based on the groundwater elevation. The lack of comprehensive groundwater characterization across the subject property is of environmental concern and is considered to be a REC.

### 7.1.3 Potential Source Areas

Based on review of previous environmental investigations and historical use of the subject property it does not appear that all of the former industrial use areas have been thoroughly investigated. To date, the environmental investigations have focused on the six former paint-thinner USTs in the northern sidewalk as the only source of contamination on subject property.

Our review of the limited data does indicate that other potential source areas could be involved such as the solvent mixing room, where elevated concentrations of VOCs and TPH were detected in soil vapor (flux chamber) samples, the former paint manufacturing building where 620 ppm of TPH-ms was detected in a soil sample, and the former ASTs in the southern portion of the property where a groundwater sample revealed 570 ppb of TPH-ms. Also, only limited soil sampling has been conducted throughout the building

and in the former varnish production area, which contains multiple sumps and drains, some of them still containing liquids. The shallow soil sample collected in the varnish production area showed significantly elevated concentrations of metals and TPH-ms. In addition, the area of the westernmost office/warehouse portion of the subject property was historically used for outdoor storage of miscellaneous materials and the soil or groundwater quality in this area has not been investigated (petroleum odors were noted in geotechnical borings advanced in this area).

In summary, there appear to be several historic use areas, which have not been thoroughly investigated, including the following, which are considered to be RECs:

- Underground dispenser piping from the USTs to the southern portion of the subject property.
- Former varnish production area in the southern portion of the subject property consisting of brick ovens, drains, sumps, and aboveground piping.
- Underground sewer systems, which may have received wastes, including the northern sump in the northern loading dock area and the drain in the southwestern corner of the parking lot.
- Former paint manufacturing building.
- Former solvent mixing room.
- Former outdoor AST area.
- Former office/warehouse building formerly used for outdoor storage of miscellaneous materials.
- The northern adjoining ONE property and the eastern adjoining California Linens property both have significant groundwater contamination issues and are located upgradient from the subject property. Contaminant plumes may have migrated underneath the subject property. In addition, the eastern adjoining warehouse was an appliance manufacturer in the late 1960s and it is unknown if chemical releases from this property have occurred.

#### 7.1.4 Regulatory Status

The subject property, along with the northern and eastern adjoining properties, has been under the oversight of the Alameda County Environmental Health Department (ACEHD) since the late 1980s. However, regulatory requirements to date have been associated with the leaking USTs only and the regulatory case remains active. To resolve the outstanding environmental issues and allow the residential development of the property, Block Environmental Services (BES) submitted a Risk Management Plan for subject property and the northern adjoining property (ONE property) to ACEHD for review and approval. Based on the available data, BES concluded that the UST release is the primary source of



identified contamination at the subject property and the release appears to be suitable for risk-based closure based on the following:

- Source has been removed;
- Nature of contamination;
- Limited potential for contaminant migration;
- Further site remediation is economically infeasible;
- Natural degradation of contaminants appears to be occurring; and
- Site contamination does not pose an adverse risk to human health and the environment due to incomplete exposure pathways.

The RMP stated that prior to demolition, approximately 9 cubic yards of soil contaminated with high concentrations of TPH-ms and metals will be removed from the 2-foot by 3-foot exposed rectangular patch of soil in the former varnish production area. This area will be excavated to a depth of 1.5 feet bgs.

In addition, following the demolition of the onsite buildings, soil samples will be taken and analyzed for TPH-ms prior to excavation activities, to determine disposal options. An undisclosed quantity of soil will be excavated and disposed of offsite to a depth of 4 feet below groundwater level. Shoring will be installed along the subject property perimeter. Upon encountering the groundwater table, groundwater will be filtered and discharged offsite. A waterproof membrane will be installed over the shoring. Ultimately, building foundations will cap all the remaining onsite soils.

TPH-ms was identified as the only chemical of concern for the subject property and northern adjoining property. The greatest potential risk for exposure was identified as the onsite workers during demolition activities. However, based on the lack of toxicity information available for TPH-ms, complete exposure point concentrations could not be quantified by BES.

According to Ms. Donna Drogis, the manager of the Local Oversight Program (LOP) of the ACEHD, she is not satisfied with the Risk Management Plan (RMP) that has been prepared for the subject property. Ms. Drogis further stated that regulatory case closure is not foreseen in the near future. Ms. Drogis stated that she is not satisfied with the investigations to date and that further delineation is needed to characterize the soil and groundwater conditions of the subject property. In addition, Ms. Drogis stated that the northern adjoining ONE property and eastern adjoining California Linens properties have groundwater impacts that may have migrated under the subject property. Ms. Drogis suggested that the responsible party for the contamination issues at the subject property meet with the ACEHD to appropriately delineate future investigative activities.

Therefore, the current regulatory status of the subject property appears to be an environmental concern and is considered to be a REC.

#### **7.1.5 Northern Adjoining ONE Property**

The northern adjoining and potentially upgradient property across 41<sup>st</sup> Street (former Oakland National Engravers (ONE)) was involved in paint manufacturing by Boysen Paint from at least 1933 to 1990 and by ONE from around 1990 to the present. Operations during this time also included furniture stripping involving chlorinated solvents. Two paint thinner USTs were located onsite and removed in 1987. The soil and groundwater quality at this property has been evaluated since 1991, including the installation and monitoring of three onsite wells as well as three wells located in 41<sup>st</sup> Street, near the subject property. Elevated concentrations of petroleum hydrocarbons, mainly in the form of TPH-ms, have been detected at this property. The most recent groundwater sampling data of the well network conducted in 2000 revealed that up to 630,000 ppb of TPH-ms remain in groundwater at this property. Also, methylene chloride up to 720 ppb has been detected in a grab groundwater sample and 11 ppb have been detected in a groundwater well at this property. Groundwater from the wells within 41<sup>st</sup> Street has not been sampled since 1999, and up to 51 ppm of TPH-ms was detected here at that time.

Based on this data and the lack of comprehensive groundwater data on the subject property, there is a potential that this property has impacted the groundwater under the subject property. Furthermore, future groundwater extraction through dewatering could pull contaminated groundwater from this property towards the subject property. Therefore, this finding is a REC.

#### **7.1.6 Eastern Adjoining California Linens Property**

The eastern adjoining and potentially upgradient property (989 41<sup>st</sup> Street) has been developed with a commercial laundry facility since at least 1924 to the present. During UST removal activities performed in 1989, elevated concentrations of petroleum products, including TPH-g and other fuel oxygenates were discovered in groundwater. Recent groundwater data has revealed that significant concentrations of petroleum products including up to 38,000 ppb of TPH-g, 59,000 ppb of TPH-ms, and up to 7,100 ppb of benzene exist at this property. Also, no analytical testing for MTBE has been performed and the downgradient extent of the contamination has not been defined. Furthermore, future groundwater extraction through dewatering could pull contaminated groundwater from this property towards the subject property. Therefore, the potential exists that the subject property has been impacted by this property. Therefore, this finding is a REC.

#### **7.1.7 Other Environmental Findings**

- An appliance manufacturer formerly occupied the eastern adjoining warehouse in the late 1960s. Specific information regarding operations conducted at this facility over

time were not found during this assessment and may have involved the use and storage of hazardous substances and petroleum products. Although no chemical releases have been identified, based on the known former industrial use of this building involving metal polishing and the lack of groundwater data near this property, this finding is a REC.

- The southern adjoining property (National Engravers) has operated as a furniture manufacturer from at least 1938 to the present. Operations have reportedly involved painting, wood turning, carving, cutting and sewing rooms. No chemical releases have been identified in association with this property. Furthermore, this property is expected to be downgradient from the subject property. Therefore, this finding is not a REC.
- The other plotted and orphan facilities that were identified in the database search report, including the properties identified in Section 4.0, are not expected to present an environmental concern to the subject property because: i) they only hold an operating permit (which does not imply a problem); ii) they are not required to perform further action; iii) the nature of the identified environmental concern does not suggest that the subject property would be impacted; or iv) based upon Clayton's review, are too distant and/or hydraulically downgradient or crossgradient relative to the subject property to reasonably affect it. Therefore, this finding is not a REC.
- The subject property is currently used for residential and general warehouse purposes only. No significant use or storage of hazardous substances or petroleum products was observed or reported for the subject property. Furthermore, no evidence suggesting that the subject property may not be in general compliance with applicable local, state, and federal environmental laws and regulations was found during this assessment. In addition, no material non-compliance issues were noted at the subject property. Therefore, the current use of the subject property is not a REC.
- The subject property was formerly developed with several residences in the northern portion, fronting 41<sup>st</sup> Street from at least 1903 to the 1950s. Although not documented at the subject property, heating oil, well, and septic systems are commonly associated with older residences. No direct evidence of the presence of these features were found at the subject property and their mere potential presence is not considered to be a REC.
- Potential PCB sources observed at the subject property included several pole-mounted electrical transformers owned by PG&E. This equipment was observed to be in good condition. Furthermore, it is PG&E's policy to maintain and cleanup spills from their transformers. Therefore, this finding is not a REC.

## 7.2 CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-00 of the subject property at 1007 41<sup>st</sup> Street in

Emeryville/Oakland and 4050 Adeline Street in Emeryville, Alameda County, California. Any exceptions to, or deletions from, this practice are described in Sections 1.3 and 1.4 of this report.

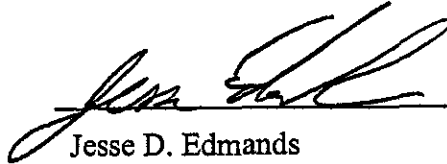
In the professional opinion of Clayton, an appropriate level of inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability and no evidence or indication of recognized environmental conditions (RECs) has been revealed, except for the following:

- With regards to the largely uncharacterized soil and groundwater quality at the subject property and the uninvestigated potential source areas, Clayton recommends conducting a subsurface investigation to characterize all of the potential sources areas and understand the nature and extent of groundwater contamination on the subject property. This investigation should be conducted in coordination with the ACEHD.
- Redevelopment plans include the mass excavation of the subject property to a depth of 6 to 12 feet, bgs including excavation of 3 to 4 feet of fill of unknown origin and soil from below the groundwater surface. Insufficient soil data has been collected to fully characterize the subsurface conditions. Clayton recommends comprehensively characterizing the soil to be excavated (including the fill material) across the entire subject property prior to excavation in order to allow for waste profiling, appropriate offsite disposal, and worker health and safety protection.
- To facilitate the construction of the proposed below grade structure, groundwater will be extracted and discharged. Long-term operation of the below grade basement structure may also generate contaminated groundwater. Groundwater water quality information should be collected to allow the discharge to be treated and permitted. In addition, offsite properties to the north and east are known to contain significant groundwater contamination that could be drawn on to the property during dewatering activities. Clayton recommends collecting grab groundwater samples from the subject property's upgradient boundaries (northern and eastern) in order to evaluate the potential migration of contaminant plumes underneath the subject property and associated waste discharge requirements.
- Currently, the previous environmental investigations performed to date and the RMP do not apparently satisfy the lead regulatory oversight agency (ACEHD) and future delineation of the subject property is needed. Clayton recommends meeting with the ACEHD to fully understand the status of this property and to appropriately plan the future investigative activities in order to facilitate regulatory case closure.

Because recognized environmental conditions were identified during the performance of the Phase I investigation, further investigation and/or assessment is warranted in order to determine the nature, extent, magnitude and materiality of recognized environmental conditions at the subject property. The estimated cost of the additional investigations, which we believe is necessary, ranges from \$30,000 to \$40,000. Other significant

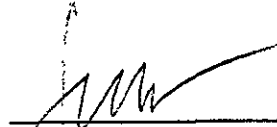
environmental costs will be incurred during excavation/dewatering activities and to resolve regulatory issues and receive site closure.

This report prepared by:



Jesse D. Edmands  
Supervisor  
Environmental Assessments  
Environmental Services

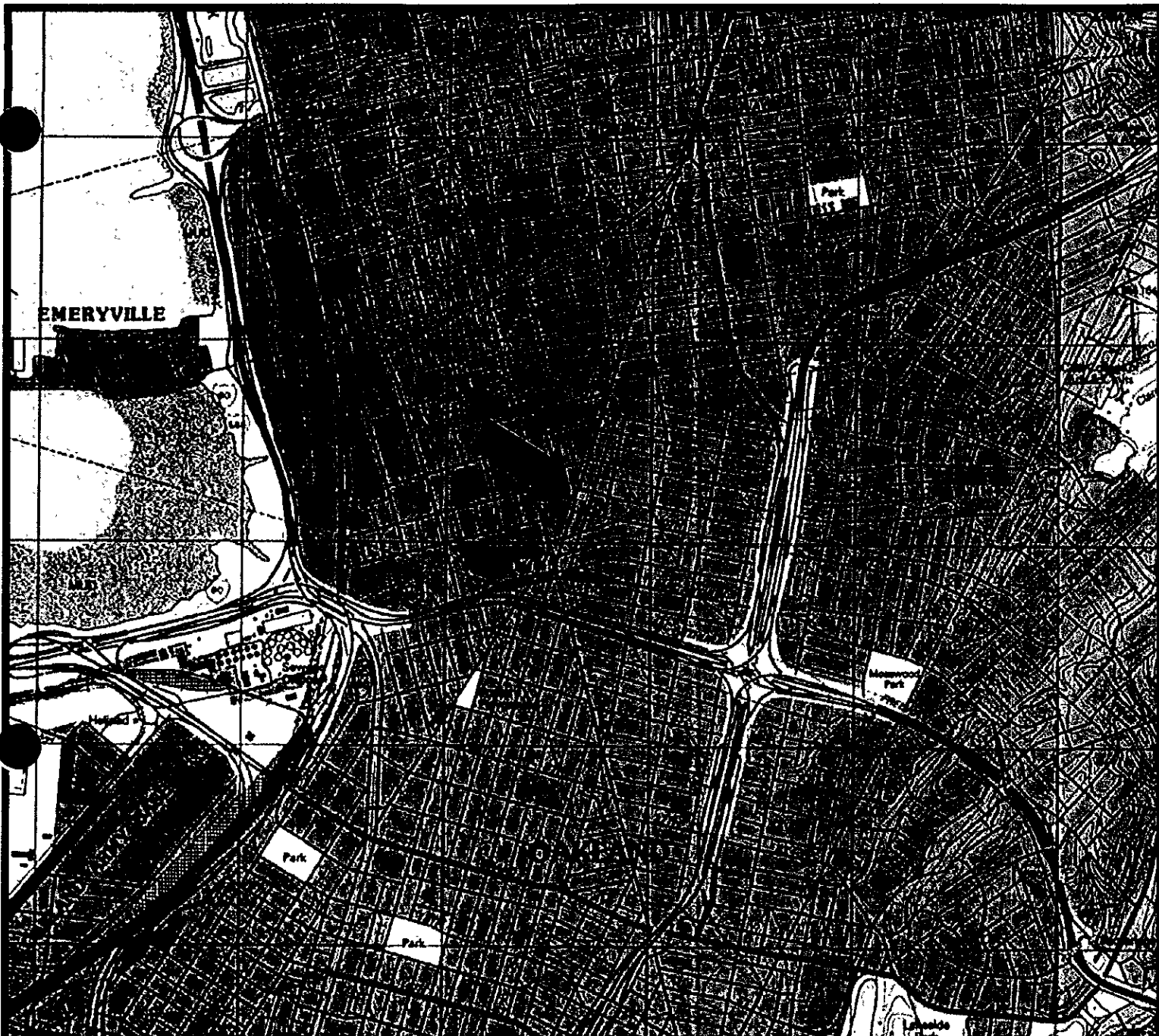
This report reviewed by:



Jon A. Rosso, P.E.  
Director  
Environmental Services

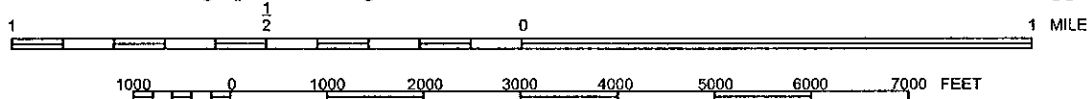
September 25, 2002  
Clayton Project No. 70-03365.00

## FIGURES



Map Source: TOPO! © 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate



Portion of the 7.5-Minute Series Oakland West, California  
 Quadrangle Topographic Map (Datum: NAD 27)  
 United States Department of the Interior  
 Geological Survey  
 1997



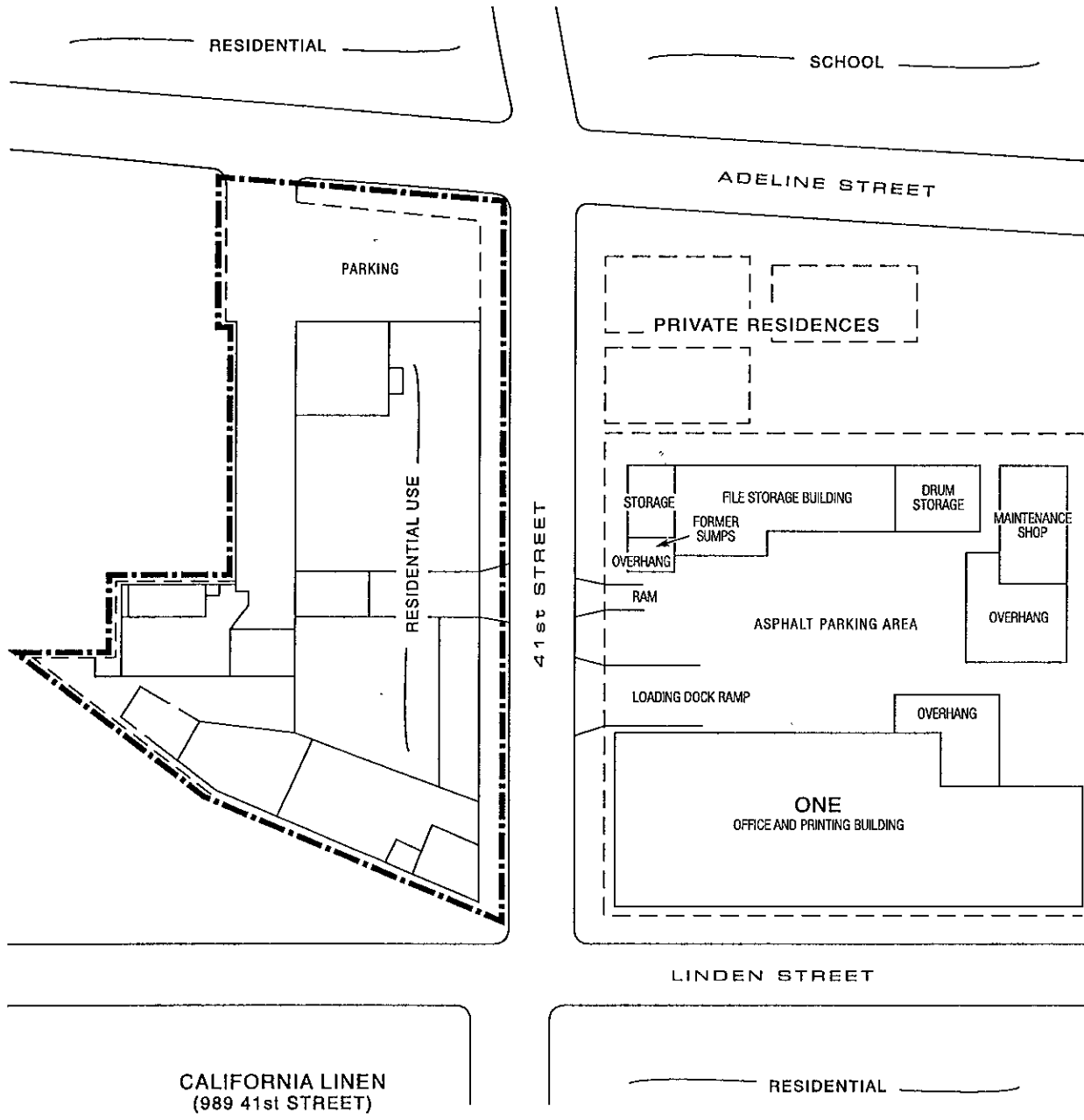
QUADRANGLE LOCATION

PROPERTY LOCATION MAP  
 1007 41st Street  
 Emeryville/Oakland, California and  
 4050 Adeline Street  
 Emeryville, California  
 Clayton Project No. 70-03365.00

Figure


1





70-03365.00/TechGraphic

**LEGEND**

 Approximate Subject Property Boundary

**CURRENT SUBJECT PROPERTY PLAN**  
 1007 41st Street and 4050 Adeline Street  
 Oakland/Emeryville, California

Clayton Project No.: 70-03365.00

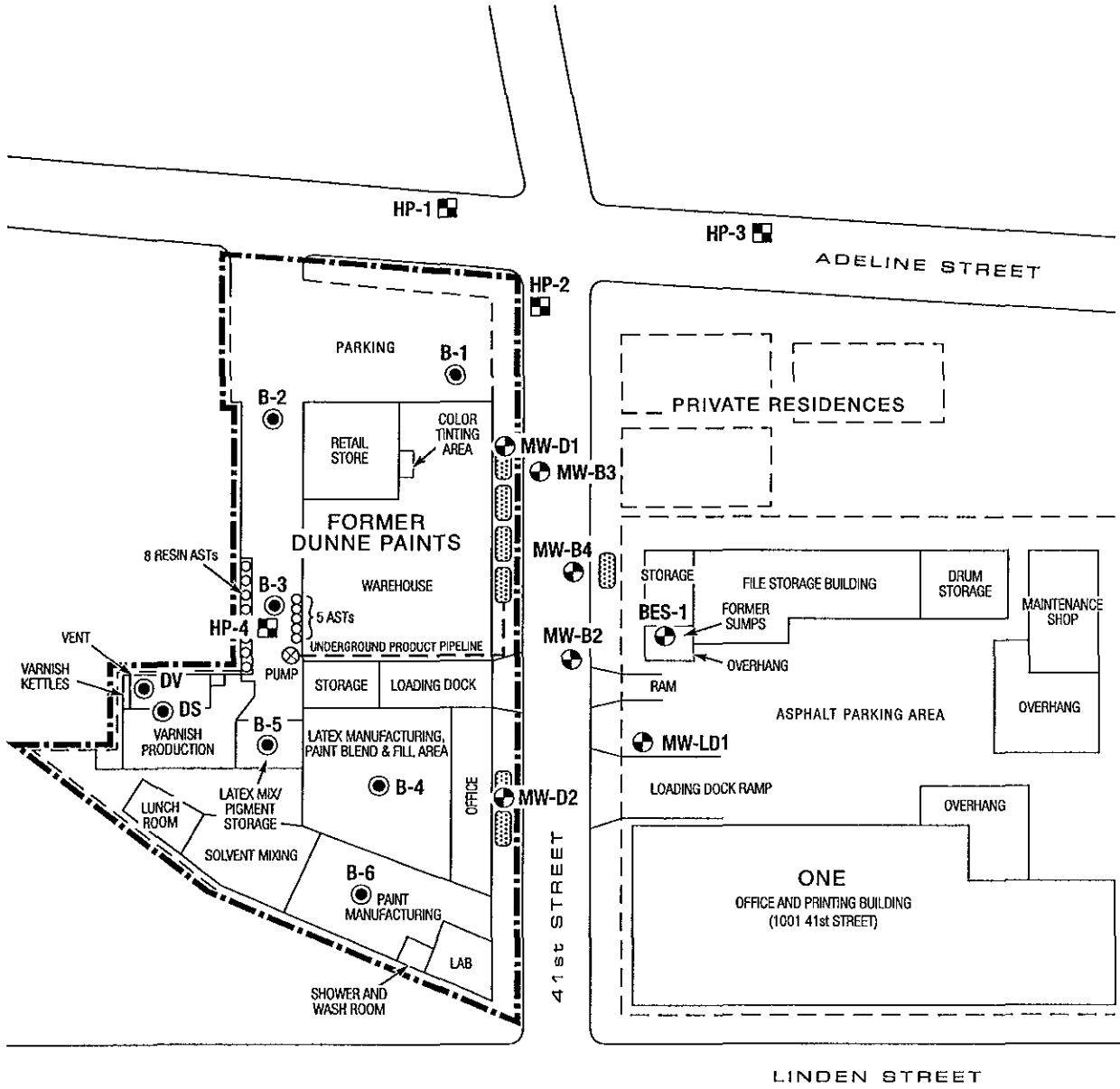
Figure

**2**

9/6/02












NOT TO SCALE

**LEGEND**

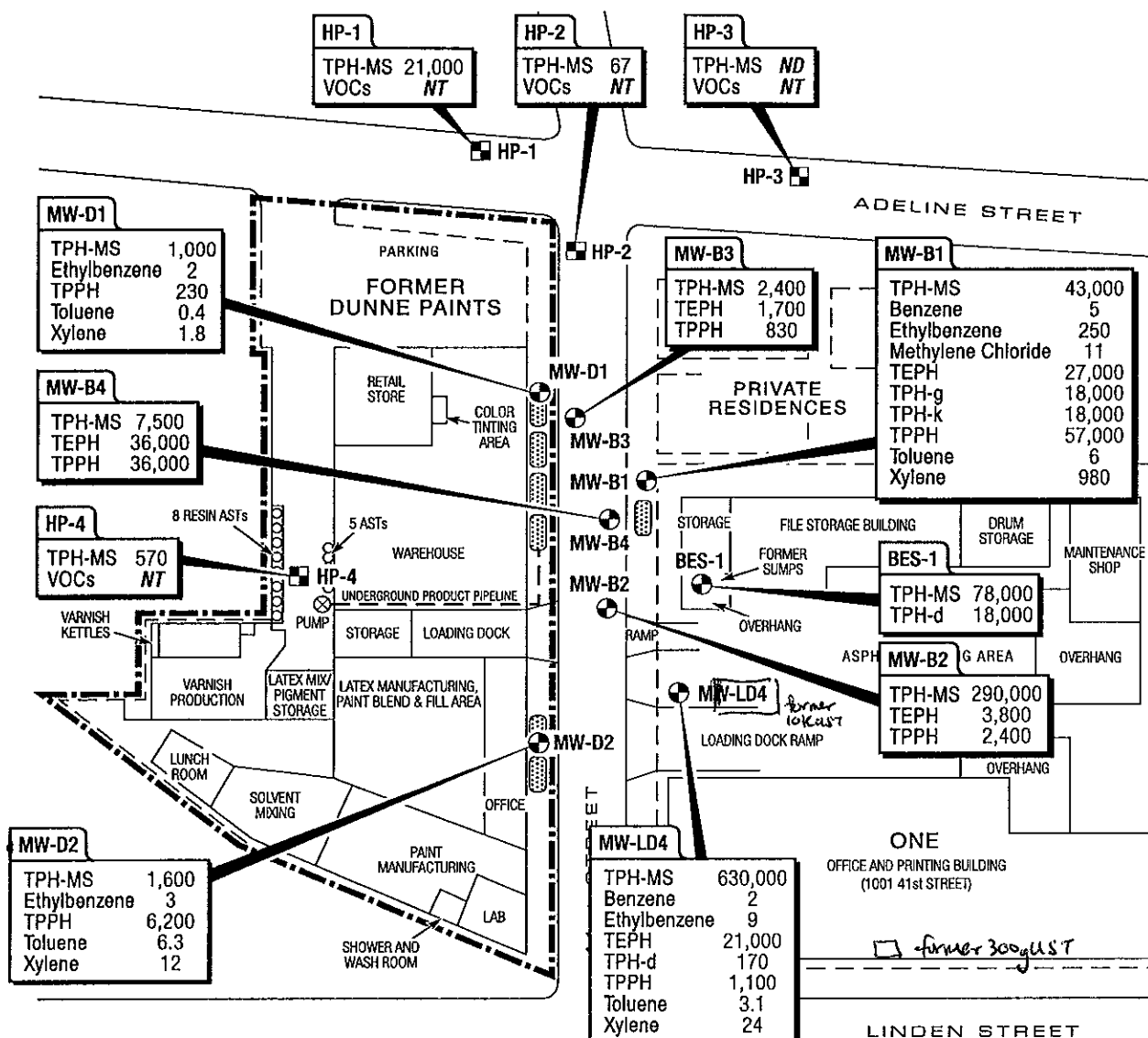
-  Approximate Subject Property Boundary
-  Monitoring Well
-  Temporary Well
-  Soil Boring
-  Former Mineral Spirits UST

**HISTORICAL SUBJECT PROPERTY PLAN WITH BORING LOCATIONS**  
 1007 41st Street and 4050 Adeline Street  
 Oakland/Emeryville, California  
 Clayton Project No.: 70-03365.00

Figure  
**3**  
 9/6/02



70-03365.00/TechGraphic



**MW-D1**

TPH-MS	1,000
Ethylbenzene	2
TPPH	230
Toluene	0.4
Xylene	1.8

**MW-B4**

TPH-MS	7,500
TEPH	36,000
TPPH	36,000

**HP-4**

TPH-MS	570
VOCs	NT

**MW-D2**

TPH-MS	1,600
Ethylbenzene	3
TPPH	6,200
Toluene	6.3
Xylene	12

**MW-1**

TPH-MS	59,000
Benzene	17,00
Ethylbenzene	13,000
TEPH	11,000
TPH-d	14,000
TPH-g	99,000
Toluene	18,000
Xylene	8,600

**HP-1**

TPH-MS	21,000
VOCs	NT

**HP-2**

TPH-MS	67
VOCs	NT

**HP-3**

TPH-MS	ND
VOCs	NT

**MW-B3**

TPH-MS	2,400
TEPH	1,700
TPPH	830

**MW-B1**

TPH-MS	43,000
Benzene	5
Ethylbenzene	250
Methylene Chloride	11
TEPH	27,000
TPH-g	18,000
TPH-k	18,000
TPPH	57,000
Toluene	6
Xylene	980

**BES-1**

TPH-MS	78,000
TPH-d	18,000

**MW-LD4**

TPH-MS	630,000
Benzene	2
Ethylbenzene	9
TEPH	21,000
TPH-d	170
TPPH	1,100
Toluene	3.1
Xylene	24

**MW-2**

TPH-MS	250
Benzene	75
Ethylbenzene	33
TPH-d	47
Toluene	1,000
Xylene	50

- LEGEND**
- Approximate Subject Property Boundary
  - ⊕ Monitoring Well
  - ⊞ Temporary Well
  - ⊙ Soil Boring
  - ▨ Former Mineral Spirits UST
  - NT Not Tested
  - ND None Detected

MAXIMUM CONCENTRATIONS IN GROUNDWATER (ppb)  
 1007 41st Street and 4050 Adeline Street  
 Oakland/Emeryville, California  
 Clayton Project No.: 70-03365.00

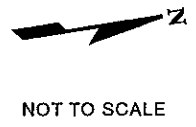


Figure  
**4**  
 9/17/02



70-03365.00/TechGraphic

MS 586  
s NT  
ALS NT

10 @ 10' TPH-MS 6,491  
VOCs NT  
METALS NT

MS 3,472  
NT  
LS NT

I-MS 415  
s NT  
ALS NT

I-MS 986  
s NT  
ALS NT



NOT TO SCALE

J STREET

ENTRATIONS

and 4050 Adeline Street  
le, California

No.: 70-03365.00

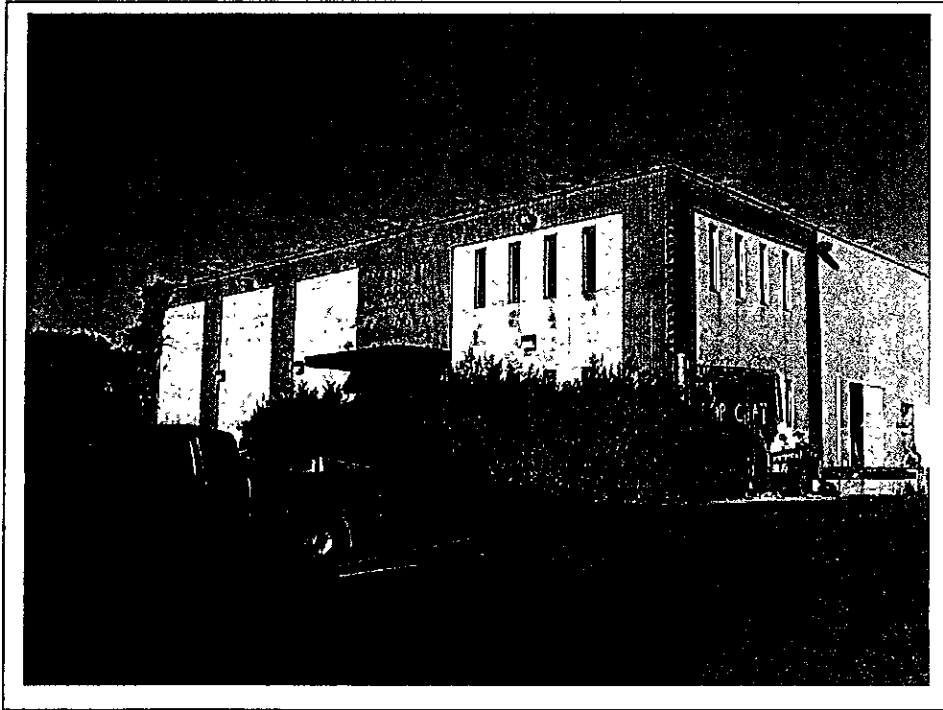
Figure

5

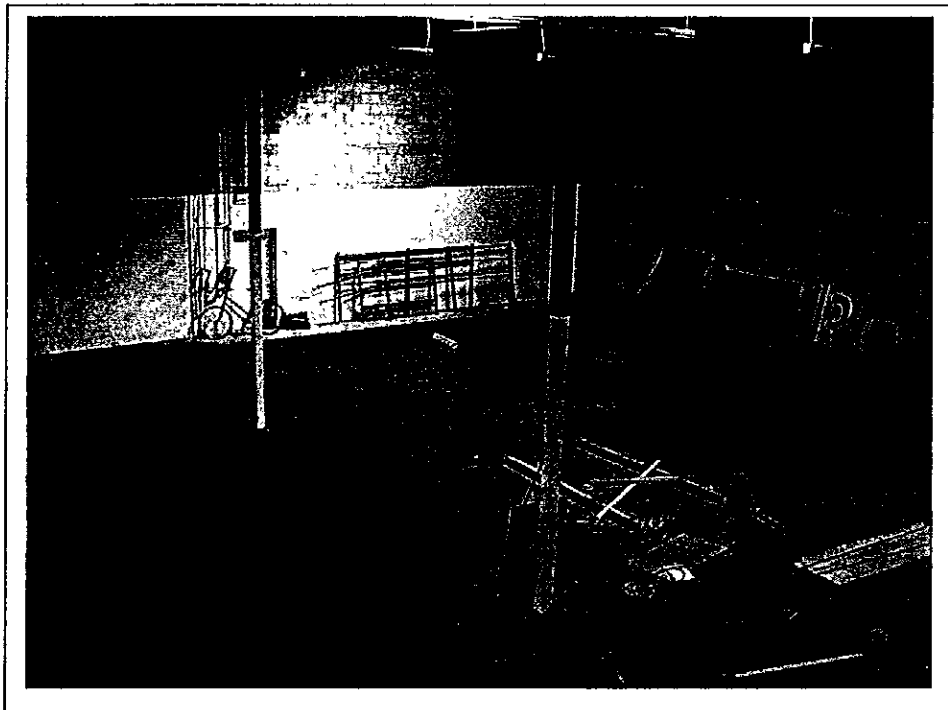
9/17/02



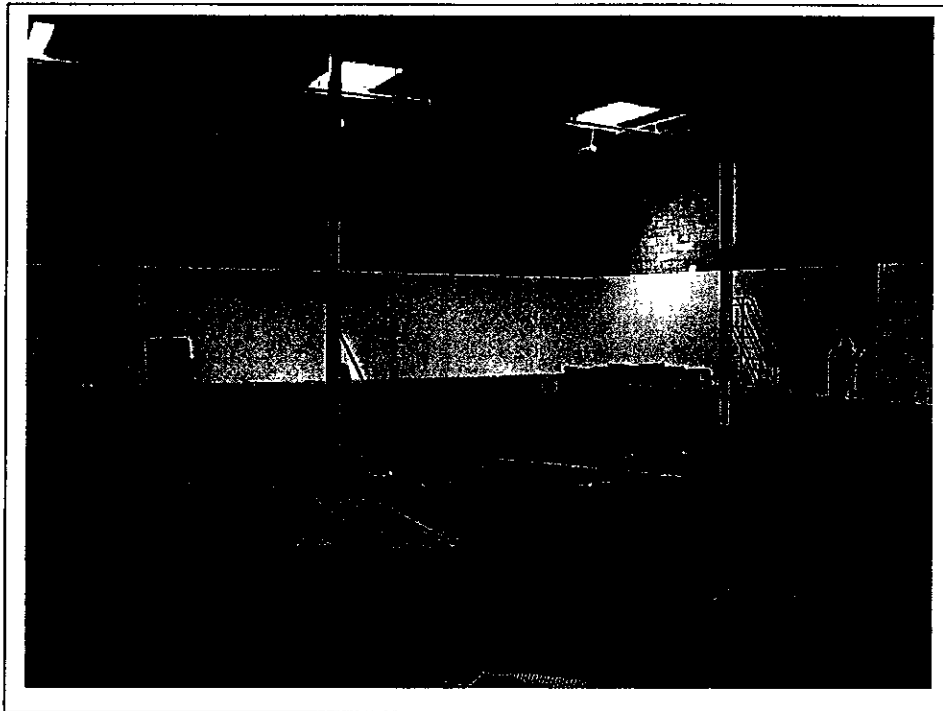
**PHOTOGRAPHS**



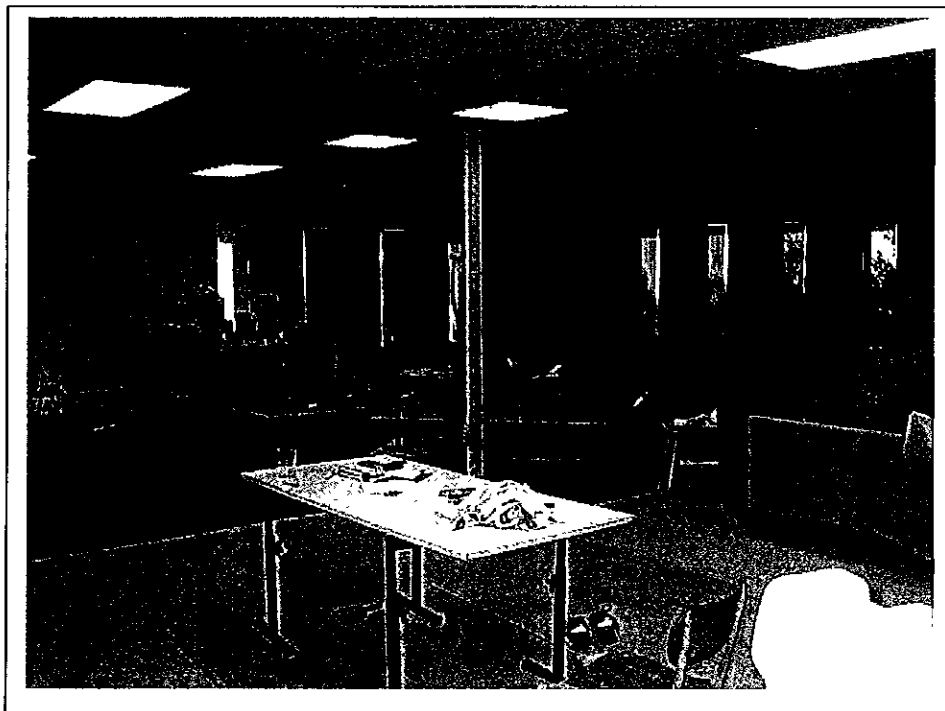
<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the former office/warehouse building in the western portion of the subject property from Adeline Street	<b>1</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	Interior view of the western warehouse portion	<b>2</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



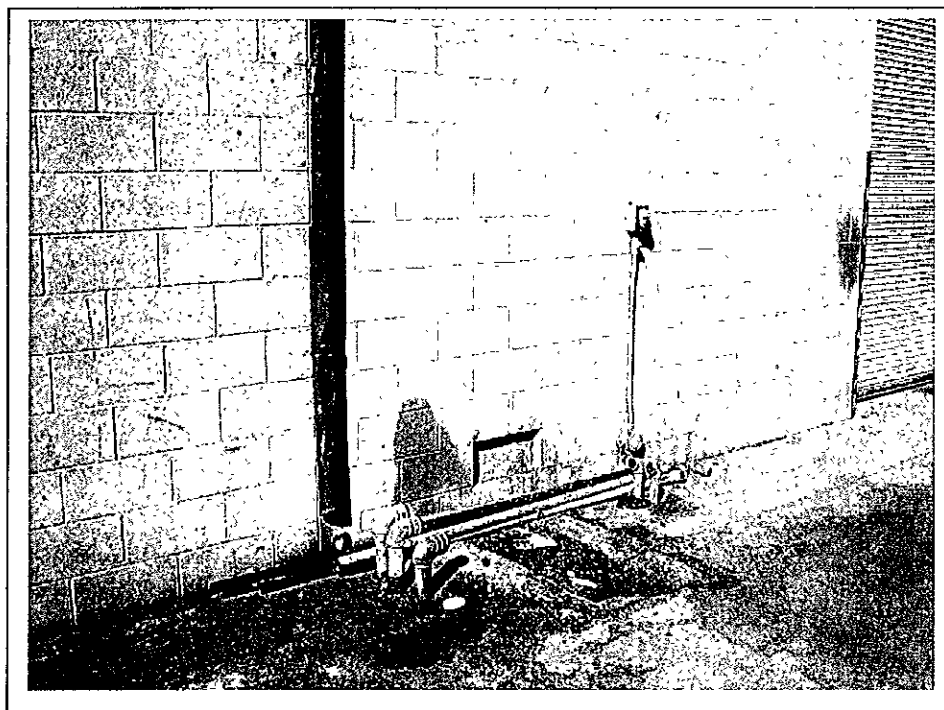
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	Second view of western warehouse	<b>3</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of the former office in the westernmost portion of the subject property	<b>4</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



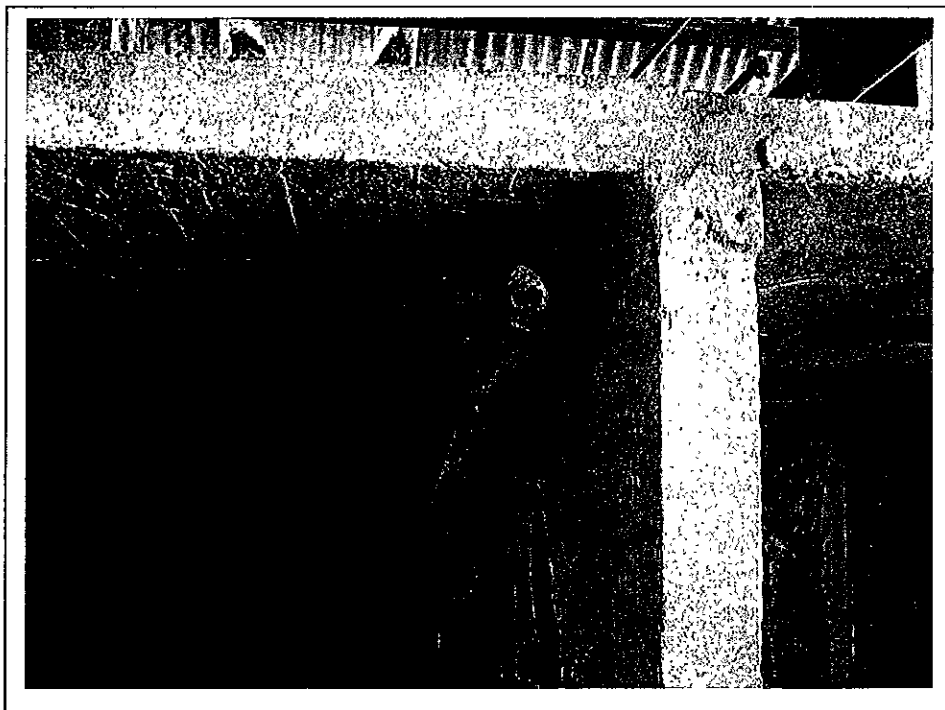
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of the sump with staining outside the loading dock in the northern portion of the subject property	<b>5</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of the piping possibly associated with the former solvent dispensing pump outside the southern portion of the building	<b>6</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002

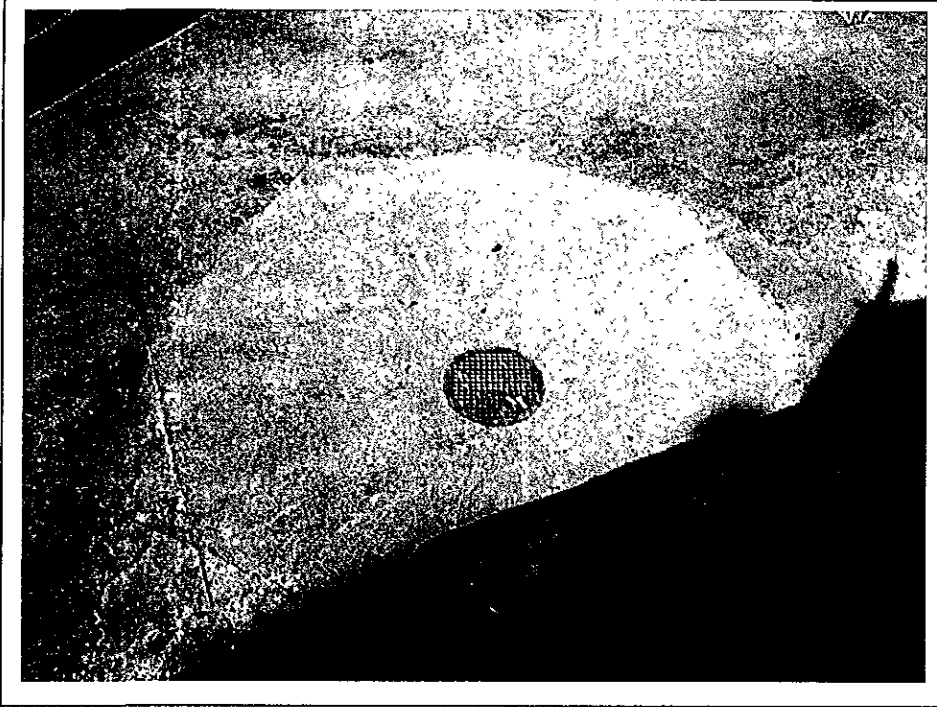


<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of brick ovens located outside the southern portion of the building	<b>7</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002

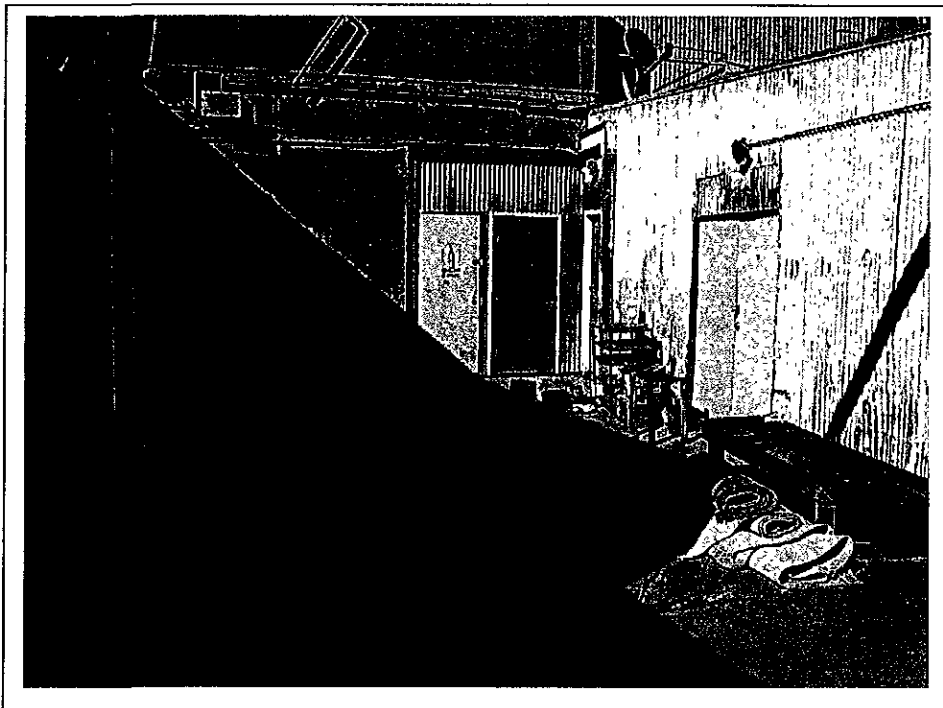


<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of piping within brick ovens	<b>8</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002

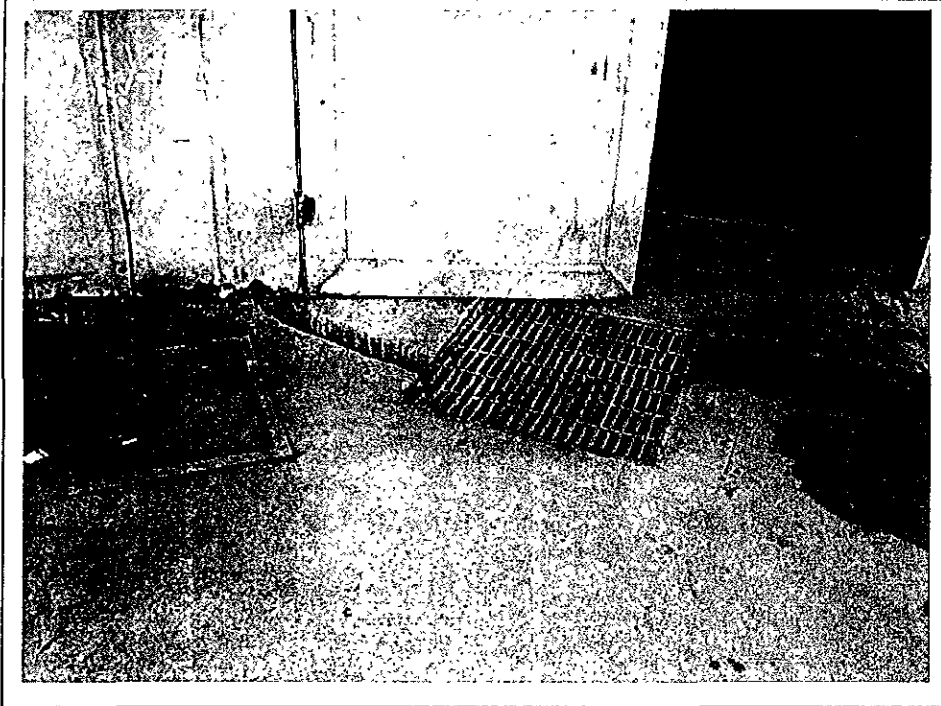




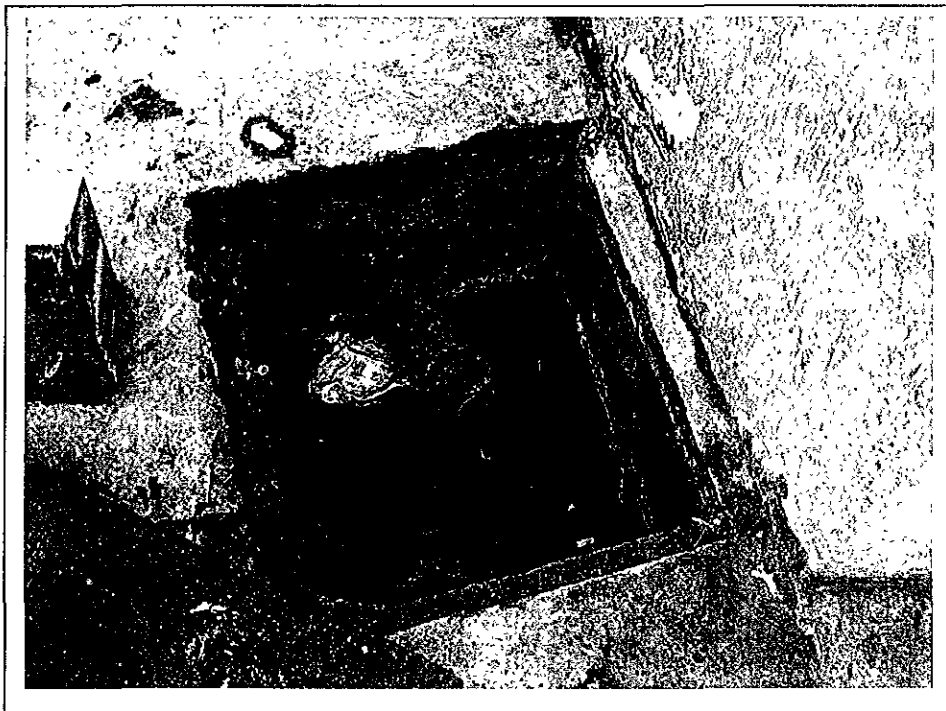
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of drain near brick ovens	<b>9</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



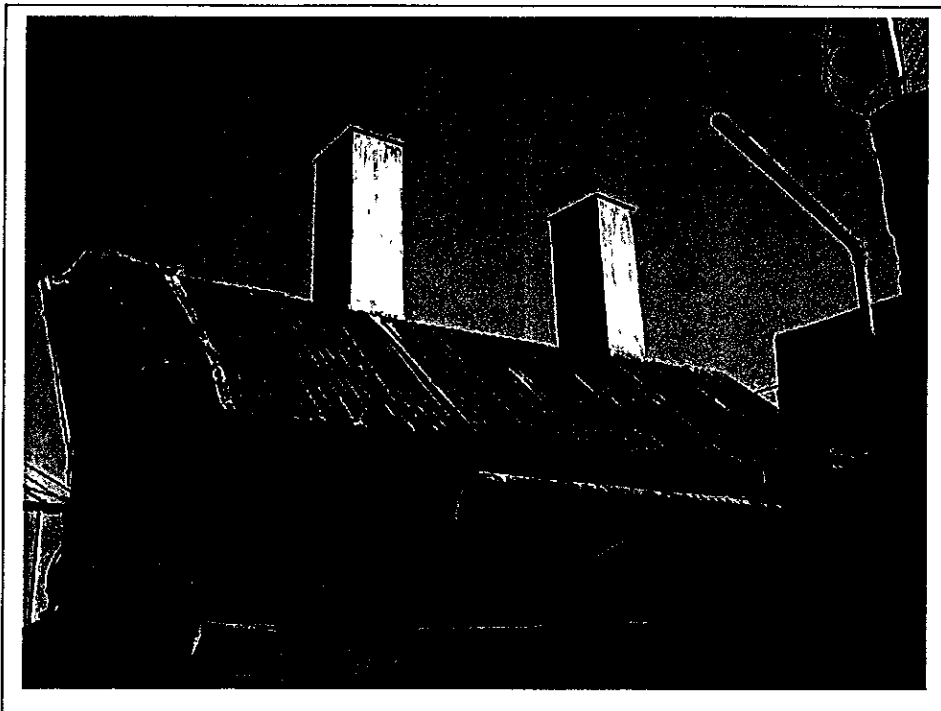
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of area south of the building and north of the former varnish production area	<b>10</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of sump south of the buildings, north of the varnish production area	<b>11</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



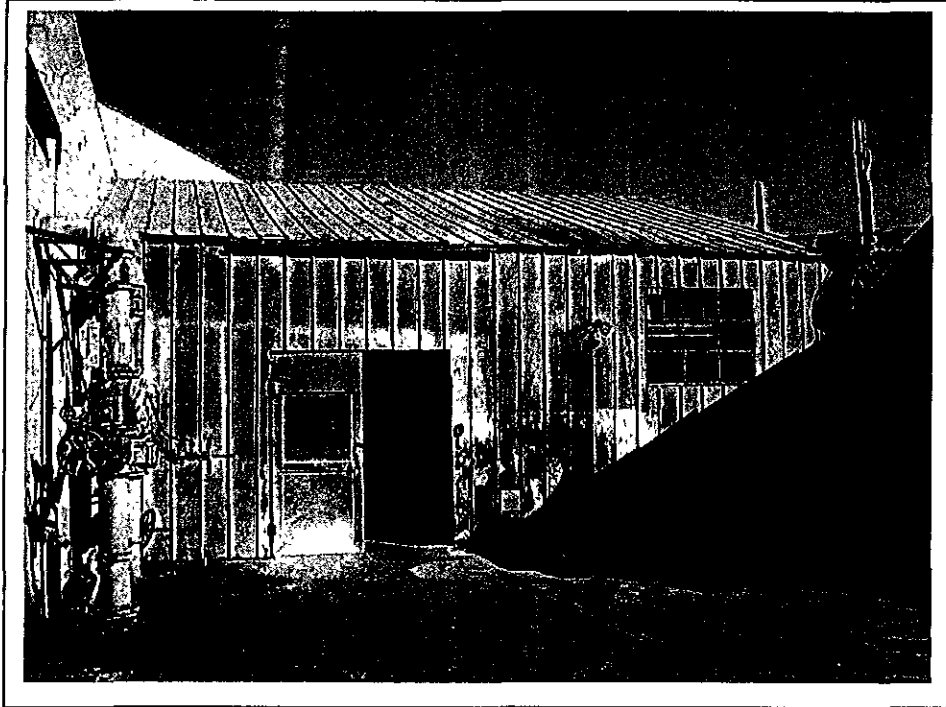
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	Interior view of sump	<b>12</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



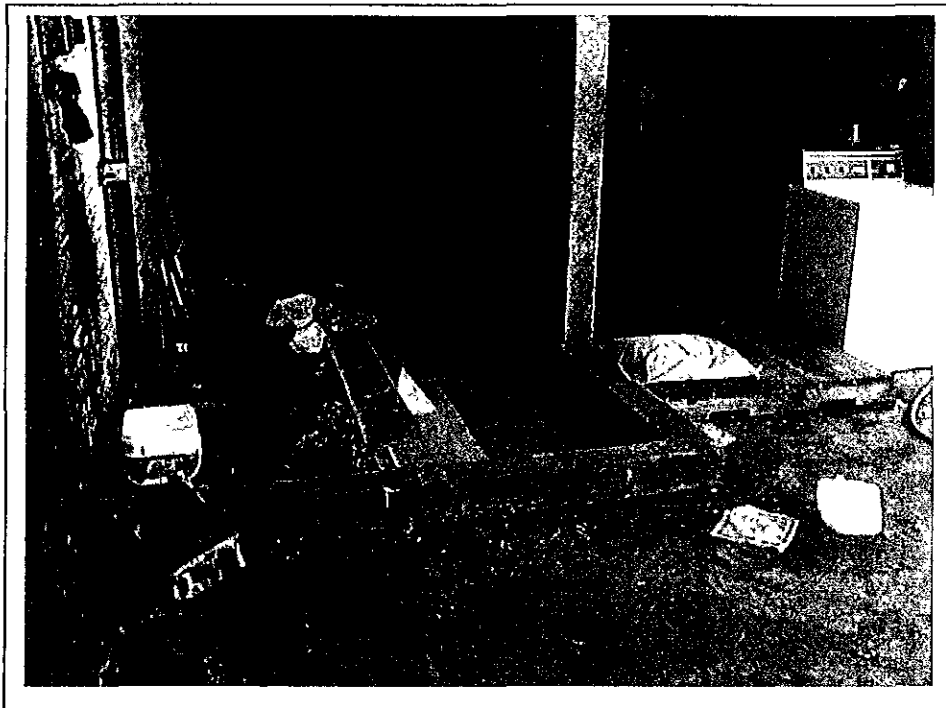
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of top of brick ovens with smokestacks	<b>13</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



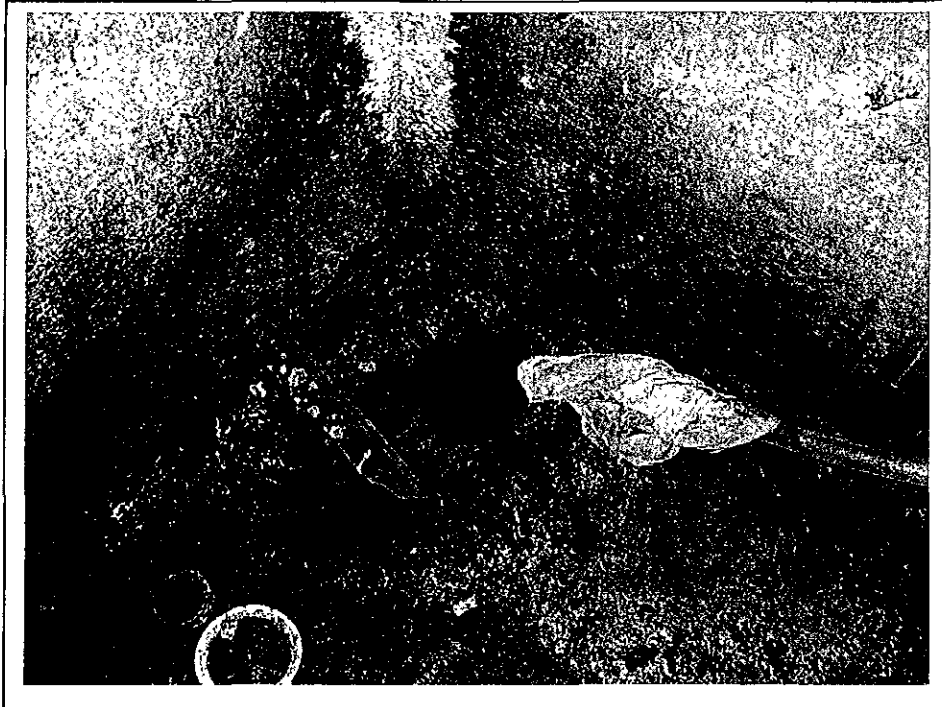
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of piping extending from brick ovens	<b>14</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of former paint pigment storage area south of the building	<b>15</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



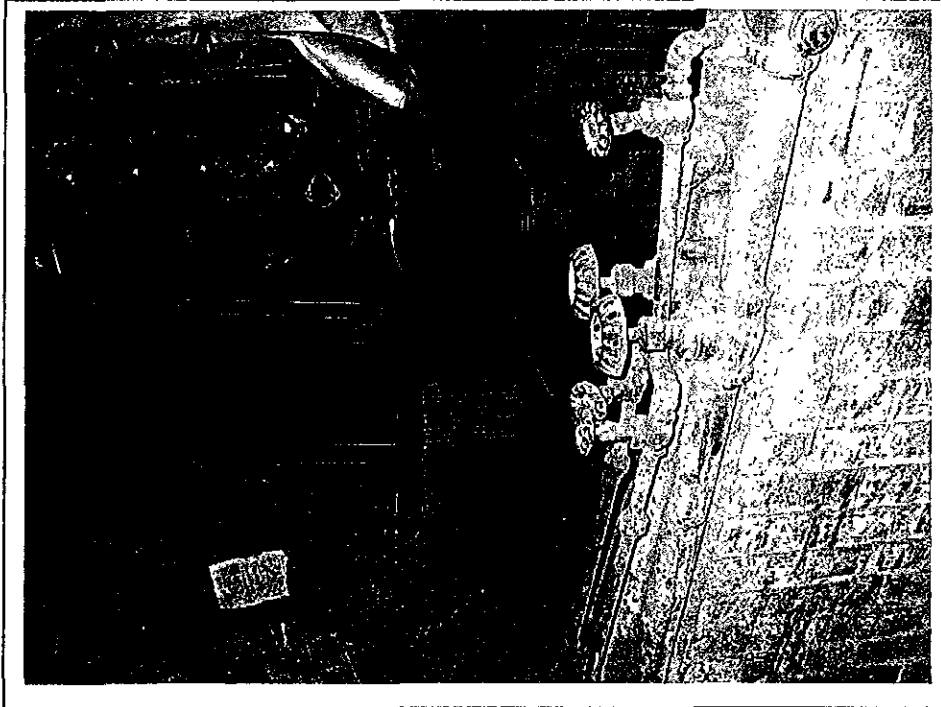
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of floor of brick ovens	<b>16</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



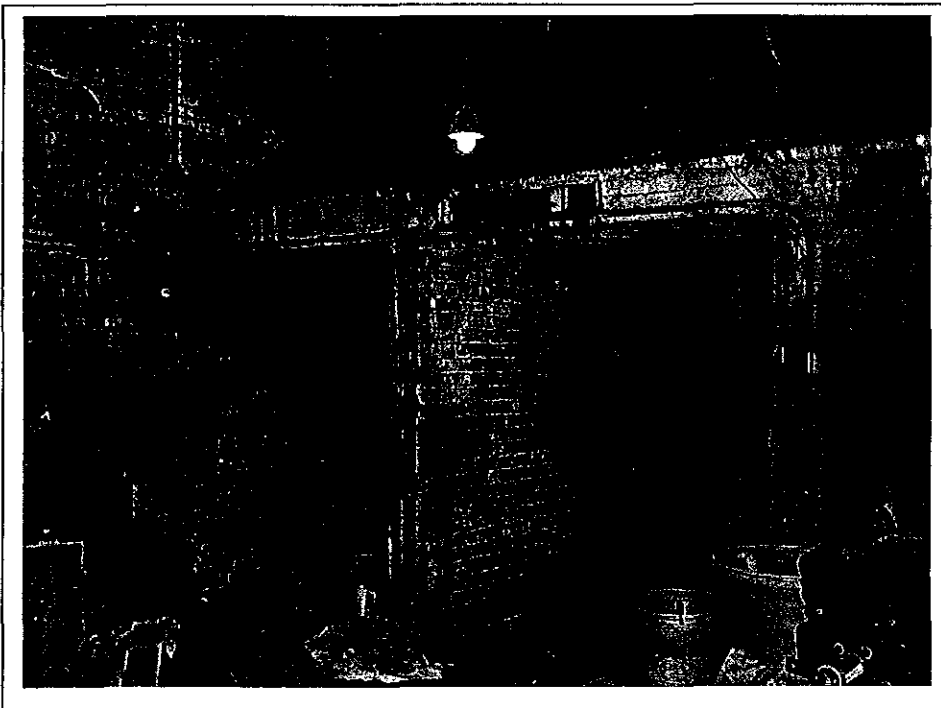
<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of drain within floor of brick ovens leading to a sump outside the exterior brick ovens	<b>17</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



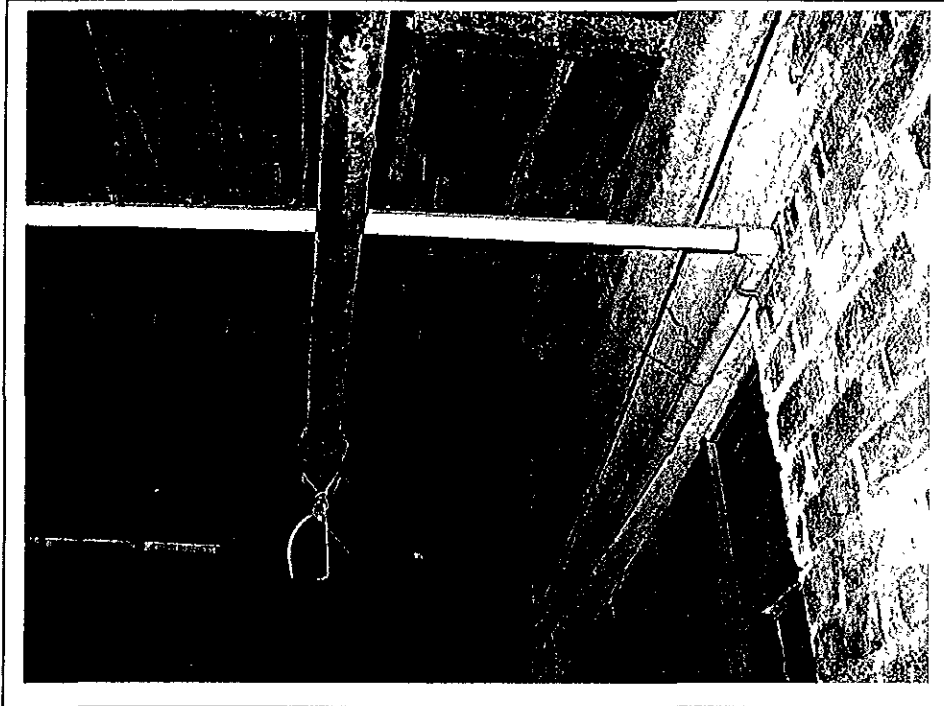
<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of loading dock area along the southern property boundary looking westward	<b>18</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



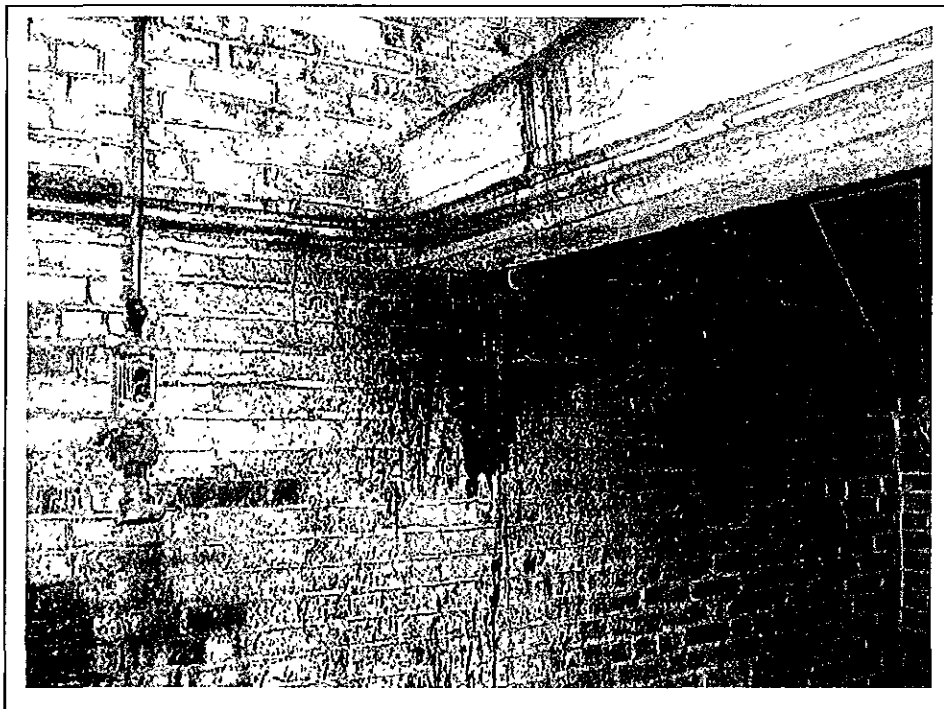
<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of sump within former varnish production area in the southern portion of the subject property, near interior brick ovens	<b>19</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



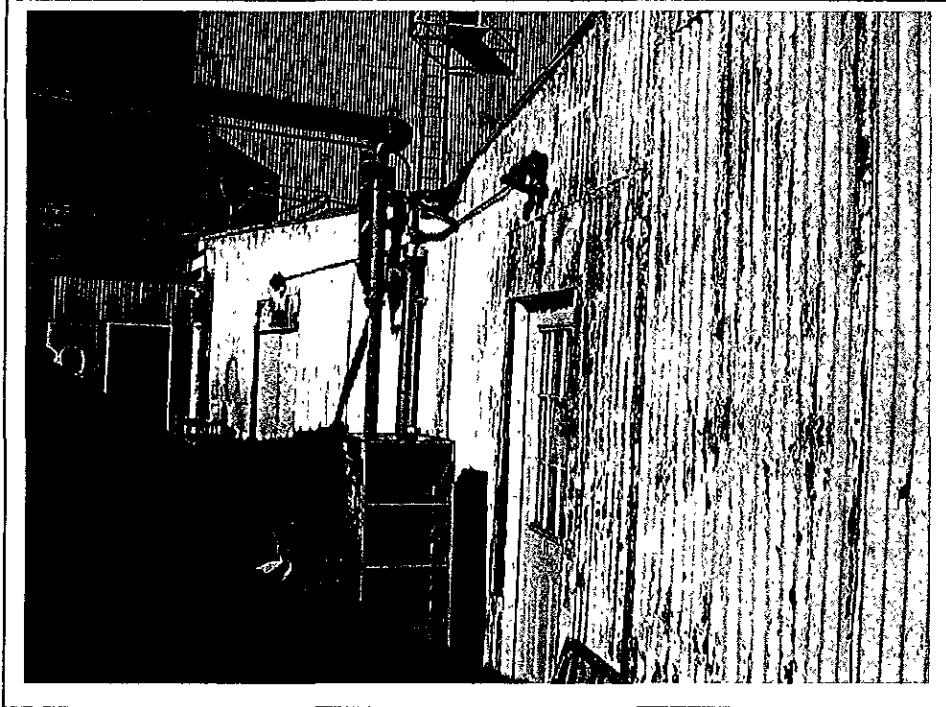
<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of brick ovens in the former varnish production area	<b>20</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



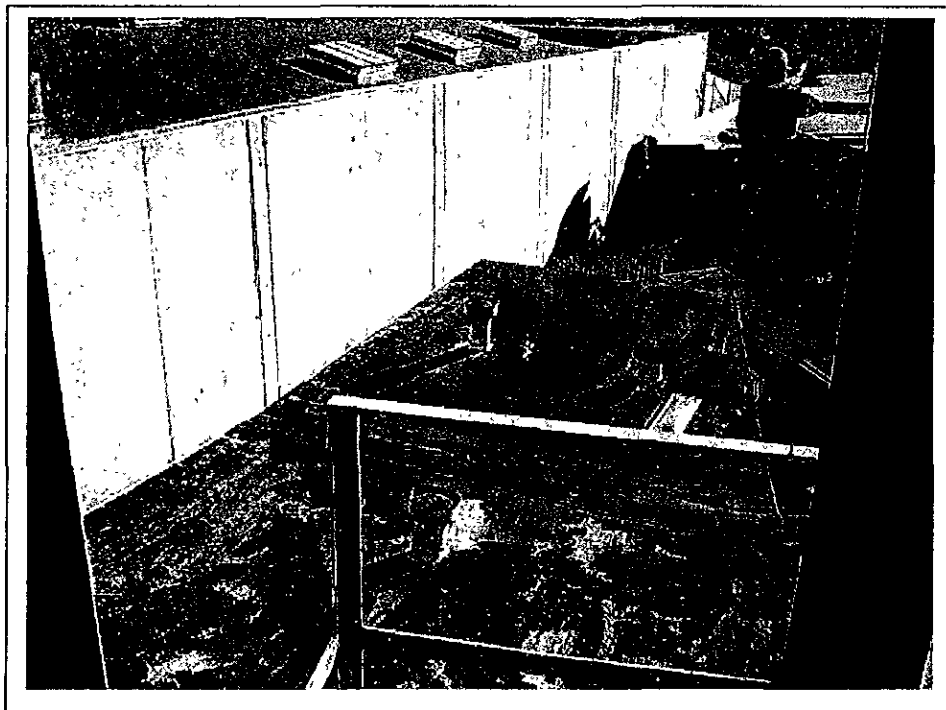
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of smokestack within former varnish production area	<b>21</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of black staining on walls of brick ovens in the former varnish production area	<b>22</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002

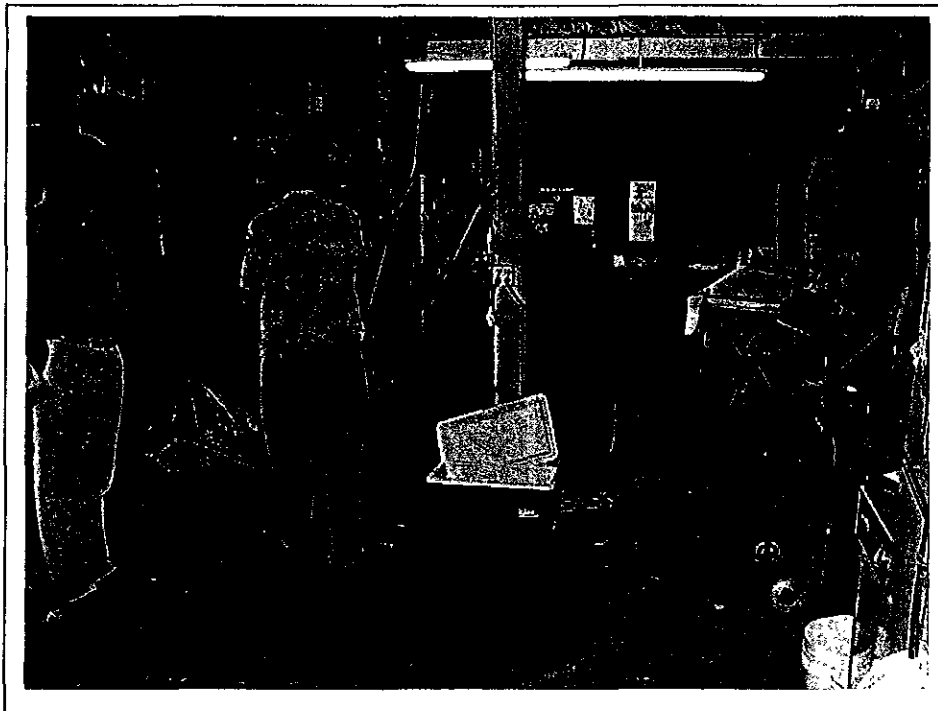


<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of western side of former solvent mixing building	<b>23</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of roof of former solvent mixing building from the former paint manufacturing building	<b>24</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002

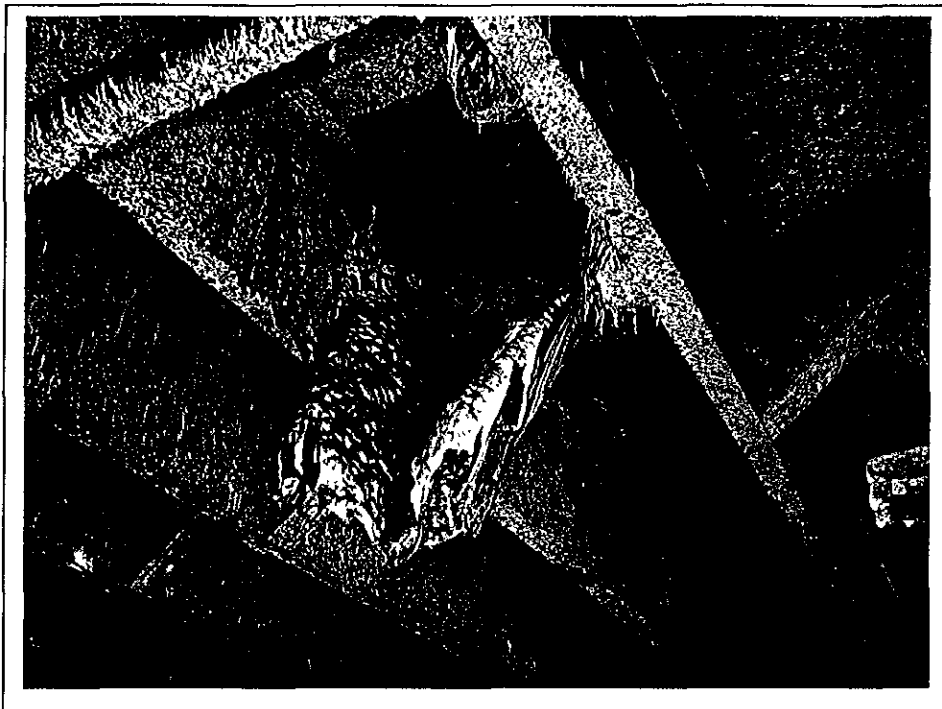




<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	Interior view of the former solvent mixing building	<b>25</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



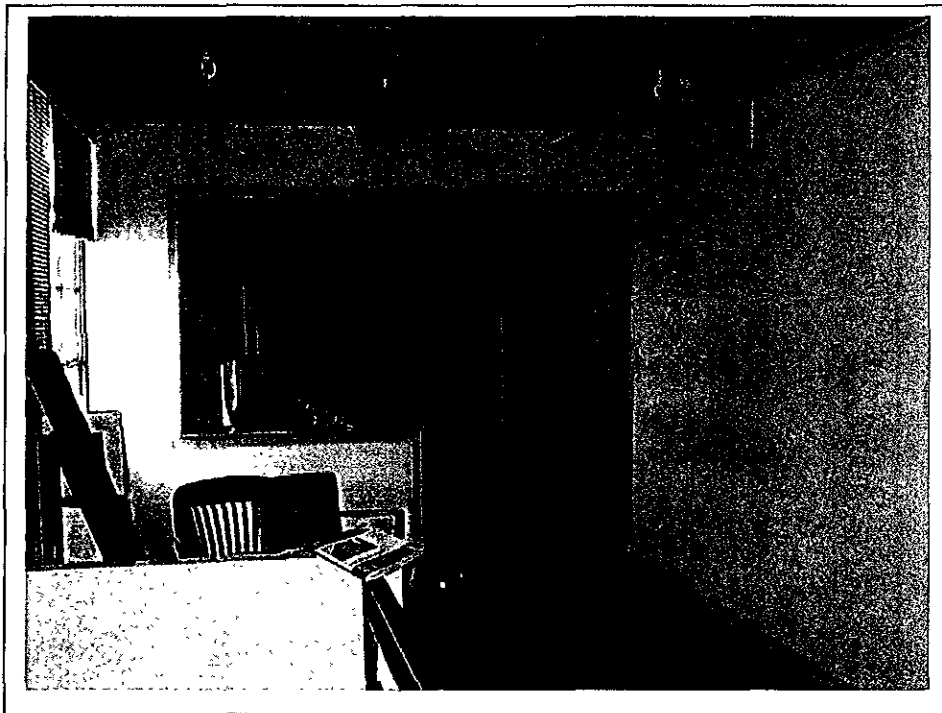
<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the former varnish production area from the former paint manufacturing building	<b>26</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



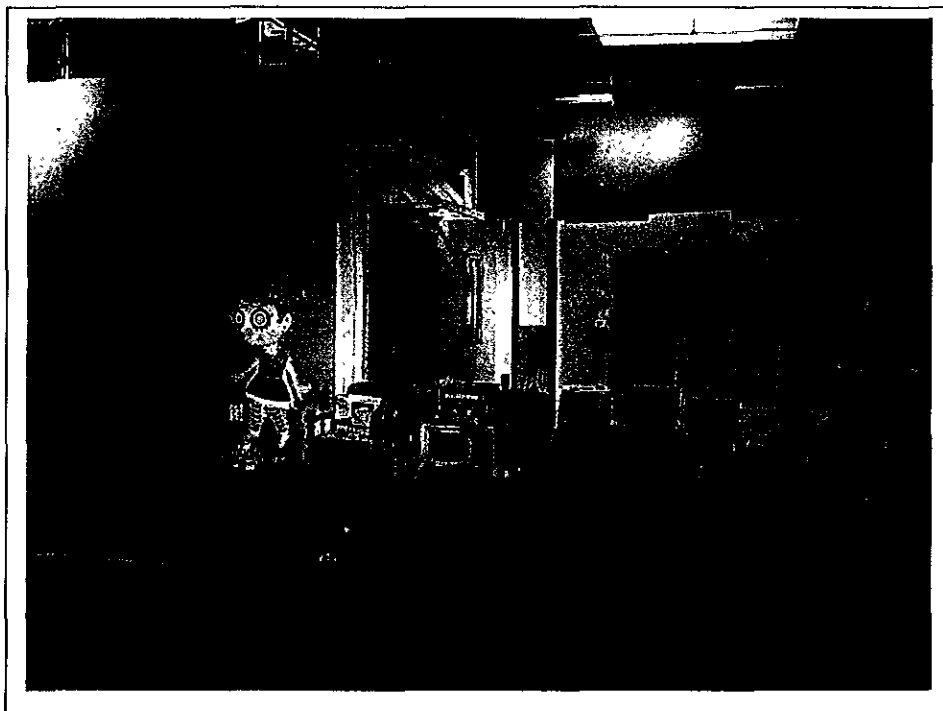
<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of floor trough extending from ceiling of the second floor of the paint manufacturing building	<b>27</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



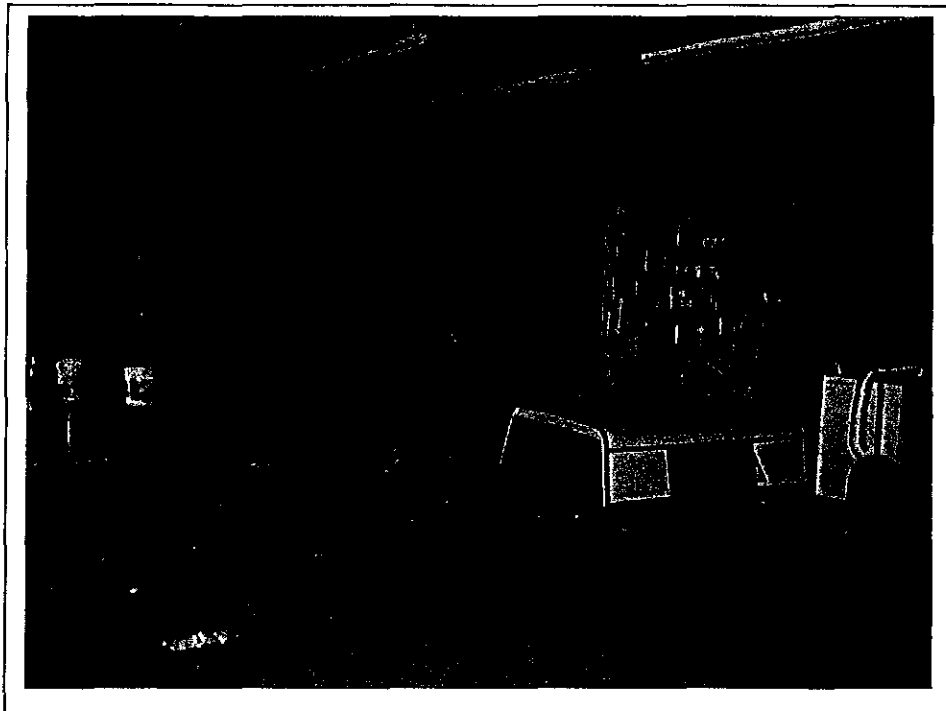
<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the former UST area in the sidewalk along the northern subject property boundary	<b>28</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



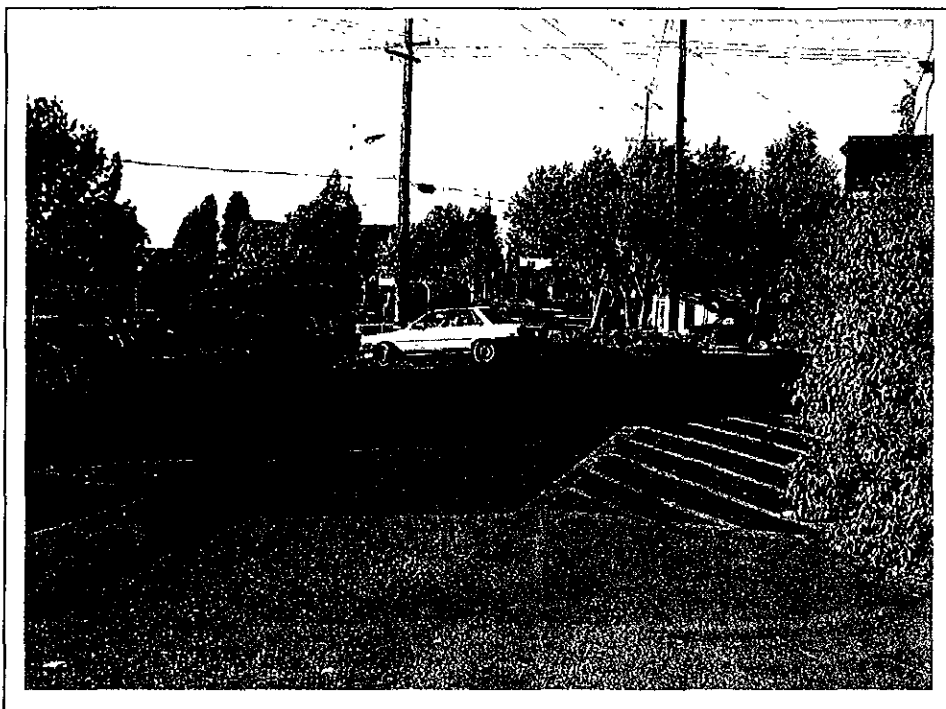
<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the interior of the former customer service area in the northern portion of the subject property	<b>29</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the former latex blending area in the central portion of the subject property	<b>30</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



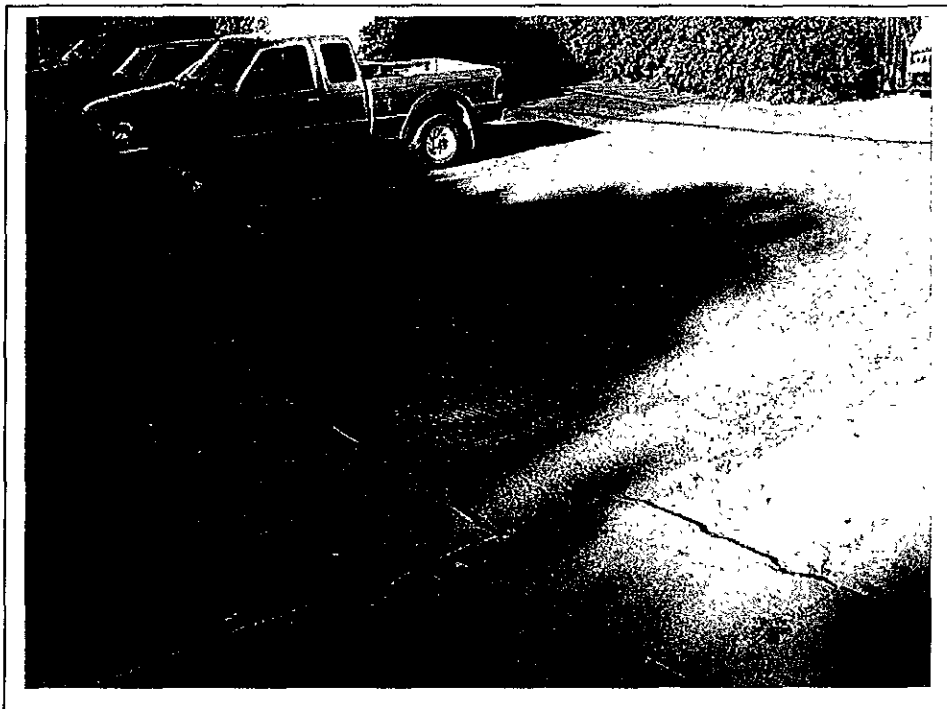
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of a miscellaneous storage area south of the central loading dock	<b>31</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



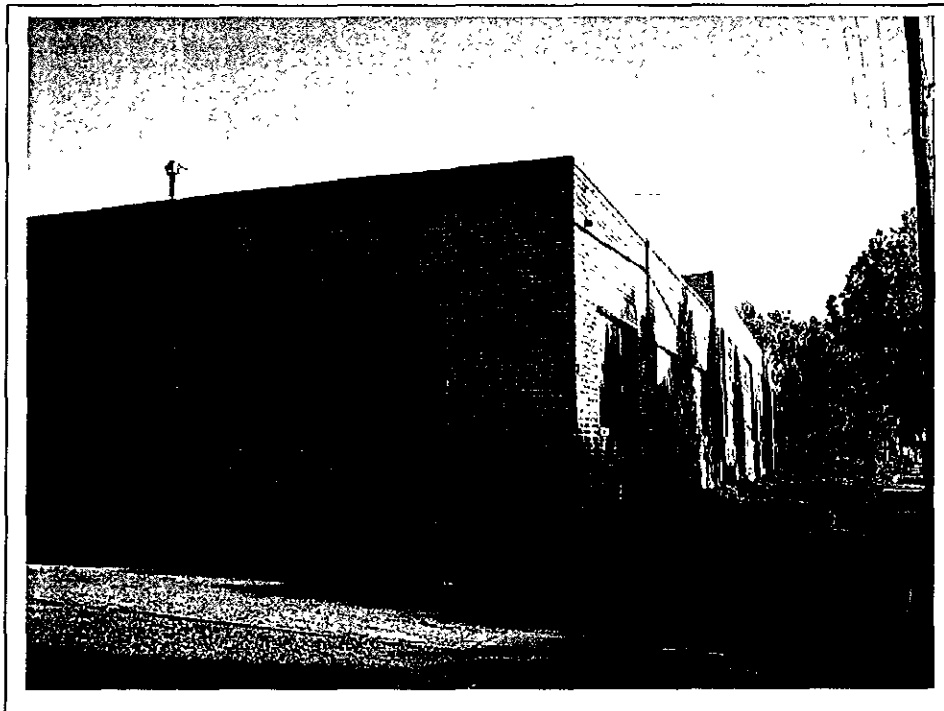
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of the mound outside the western end of the subject property	<b>32</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View east of the southern portion of the subject property from Adeline Street	<b>33</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of a drain in the southwestern corner of the subject property	<b>34</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of the southern adjoining property from the subject property	<b>35</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



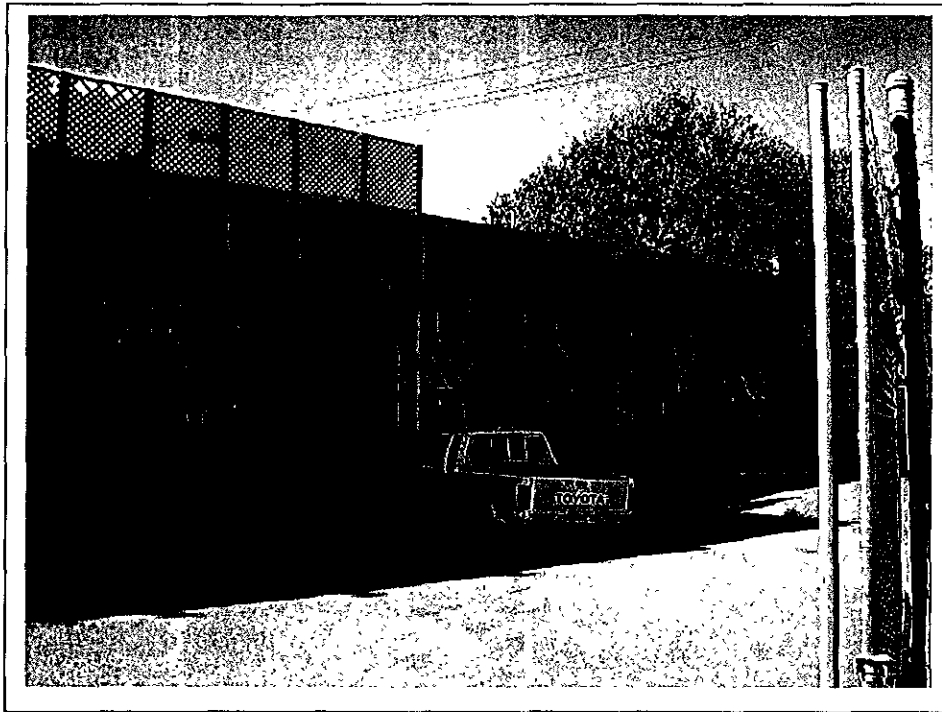
<b>Clayton Project No. 70-03365.00</b>	<b>Description</b>	View of the northwestern adjoining property across Adeline Street	<b>36</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the western adjoining property across Adeline Street	<b>37</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the eastern adjoining California Linens property across Linden Street	<b>38</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the eastern adjoining parking lot and of the easternmost exterior of the subject property from Linden Street	<b>39</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002



<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the northern adjoining property from Linden Street	<b>40</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002





<b>Clayton Project No.</b> 70-03365.00	<b>Description</b>	View of the northern adjoining residences across 41 <sup>st</sup> Street	<b>41</b>
	<b>Site Name</b>	1007 41 <sup>st</sup> Street in Oakland/Emeryville and 4050 Adeline Street in Emeryville, California	<b>Photo Date</b> September 5, 2002

**APPENDIX A**

**RESUMES OF ENVIRONMENTAL PROFESSIONALS**

## JESSE D. EDMANDS

Supervisor, Environmental Assessments, Environmental Services

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### Summary of Professional Experience

Jesse D. Edmands has conducted numerous Phase I and Phase II Environmental Site Assessments (ESAs) throughout the Bay Area for various financial, industrial and commercial clients. The sites have included industrial and agricultural facilities, residential properties, commercial and retail buildings, and undeveloped land. Mr. Edmands has conducted Phase I ESAs in accordance with ASTM Designation E 1597-00 and client-designated protocols. He has also conducted asbestos and lead-based paint surveys, soil and groundwater sampling, well installation and sampling, historical research and interviews with owners, occupants and local government, and has generated written reports. Through subsurface investigations including geophysical surveys, active and passive soil gas techniques, and Geoprobe soil and groundwater sampling, Mr. Edmands has identified the presence of many recognized environmental conditions, such as underground storage tanks (USTs), volatile organic compounds (VOCs), petroleum hydrocarbons, methyl tertiary butyl ether (MTBE), metals, and pesticides/arsenic in soil and groundwater. Mr. Edmands has managed a variety of projects for a large telecommunications client, including Phase I and Phase II ESAs, National Environmental Policy Act (NEPA) screens, geophysical surveys, biological assessment, and archeological and architectural site evaluations.

### Project Experience

#### Phase I and Phase II ESAs

##### *Nuclear Fuel Industry*

Mr. Edmands completed a Phase I ESA of a large nuclear fuel and product testing facility in operation since the 1950s. Following document reviews, site inspections, and onsite personnel interviews, Mr. Edmands developed a passive soil gas survey plan across the site that included the installation of approximately 200 soil gas modules within buildings and in exterior portions of the property. He also developed a sampling workplan that included the testing of soil and groundwater in potential hot spots for industrial solvents, metals, and radionuclides. Mr. Edmands discovered elevated concentrations of these contaminants throughout the site and developed a comprehensive report that was submitted to the local regulatory oversight agency for review and guidance.

#### Phase I and Phase II ESAs

##### *Electrical Power Generation Industry*

Through initial subsurface soil and groundwater sampling, Mr. Edmands identified the presence of several industrially related VOCs, including tetrachloroethylene (PCE), trichloroethylene (TCE), and 1,1 dichloroethene (DCE) at an electrical generation site. To assess the vertical and horizontal extent of contamination, he supervised cone penetrometer testing (CPT) involving the collection of lithological data and water samples at discrete depths in specific aquifer zones. Mr. Edmands also conducted a

54-point active soil gas survey, and, with the installation and sampling of four permanent monitoring wells, completed a comprehensive site characterization for the client.

### **Phase I and Phase II ESAs and NEPA Screening**

#### *Telecommunications Industry*

Mr. Edmands has conducted and managed numerous environmental assessments on proposed telecommunication sites throughout California and Nevada. These have included Phase I and Phase II ESAs, and NEPA screens necessary for compliance with Federal Communications Commission (FCC) permitting requirements. His NEPA-related work has included researching potential wilderness areas, wildlife areas, wetlands, endangered and threatened species, historic places and cultural resources, Indian religious sites, and flood plains. Mr. Edmands has also helped facilitate additional work stemming from the NEPA screen process, including cultural resource surveys (e.g., archeological and architectural evaluations) and biological assessments. Mr. Edmands has experience reviewing reports and preparing them for production, preparing proposals, and interacting with clients.

### **Phase I and Phase II ESAs**

#### *Sheetmetal Fabrication Facility*

A Phase I ESA at a sheet-metal fabrication facility identified former plating and painting operations that utilized solvent tanks, sumps, and clarifiers. The local oversight authority granted closure, but further site assessment was conducted through a Phase II ESA during which Mr. Edmands detected the presence of several VOCs in groundwater at elevated concentrations. To delineate the extent of contamination of detected PCE and TCE, Mr. Edmands supervised additional borings throughout the building and then installed a series of passive soil gas modules based on identified hot spots.

### **Phase I and Phase II ESAs**

#### *Food Processing Industry*

Mr. Edmands conducted a Phase I ESA at a former potato chip and nut processing facility that had been in operation since the late 1940s. After reviewing available documentation and completing a site inspection, he identified several suspect areas of potential chemical use and collected groundwater samples. Mr. Edmands discovered elevated concentrations of several industrial VOCs in the groundwater beneath the site, which assisted his client in making the appropriate decisions during a property transaction.

### **Employment History**

Clayton Group Services, Inc. -- Pleasanton, California  
Supervisor, Environmental Assessments  
2002 to Present

Clayton Group Services, Inc. -- Pleasanton, California  
Environmental Consultant  
2001 to 2002

Clayton Group Services, Inc. – Pleasanton, California  
Staff Environmental Consultant  
1999 to 2001

### **Education**

B.A., Environmental Science with Distinction, Minor in Geology, 1999  
Boston University, Boston, Massachusetts

### **Professional Registrations and Certifications**

EPA/AHERA California Accredited Asbestos Building Inspector, No. 9682 I, 1999  
OSHA 40-Hour Hazardous Waste Operations and Emergency Response Training, 1999  
California DHS Certified Lead Inspector/Assessor (Certificate ID# 10064), 2001

### **Publications and Presentations**

Edmands, Jesse D., Daniel J. Brabander and Drew S. Coleman. 2001. Uptake and Mobility of Uranium in Black Oaks: Implications for Biomonitoring Depleted Uranium-Contaminated Groundwater. *Chemosphere*. 44: 789-795.

Edmands, Jesse. 1999. Uptake and Mobility of Uranium in Black Oaks: Implications for Biomonitoring Depleted Uranium Contaminated Groundwater. Paper presented to the Geological Society of America, October, Denver, Colorado. Publication with Abstracts.

### **Professional Affiliation**

American Geophysical Union (AGU)  
National Association of Environmental Professionals (NAEP)

**JON A. ROSSO, P.E.**  
Director, Environmental Services

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### **Summary of Professional Experience**

Jon A. Rosso has more than 17 years of experience in the environmental consulting field. He has served in senior technical, project management, litigation support, and construction management capacities on a variety of multidisciplinary projects in the areas of waste management, groundwater hydrology, risk assessment, bedrock investigations, and civil engineering. He has managed various large-scale projects valued at up to \$40 million.

Mr. Rosso has planned and executed hundreds of investigations related to soil and groundwater contamination issues and has worked extensively with regulatory agencies throughout the United States. Mr. Rosso's strong understanding of state and federal environmental regulations and practical solutions provides particular expertise in client/agency negotiations leading to favorable client results. Contaminants of concern on these projects have included volatile organic compounds (VOCs) as dissolved and as dense nonaqueous-phase liquids (DNAPLs); heavy metals; dioxins, pesticides; petroleum hydrocarbons; polychlorinated biphenyls (PCBs); asbestos; and polynuclear aromatic hydrocarbons (PAHs).

Mr. Rosso has significant experience with numerous cleanup technologies and understands the feasibility, practicality, and effectiveness of the common options. Remedial systems with which he has extensive experience include large-scale removal, groundwater extraction, encapsulation, groundwater treatment, vapor treatment, dual phase extraction, soil vapor extraction, air sparge systems, biodegradation, oxidation, chemical fixation, barrier systems, hydraulic control, and waste stabilization. Mr. Rosso is currently responsible for overseeing the environmental risk management and remediation practice for Clayton in the Northern California Region, where he is responsible for the quality and budgets of complex environmental scenarios from inception to completion.

### **Project Experience**

#### **Trichloroethane (TCA) Investigation and Remediation**

##### *Manufacturing Industry*

Mr. Rosso was the project manager, construction manager, and engineer of record for the investigation and remediation of a historical release of more than 1 million pounds of TCA into overburden and bedrock groundwater at a major manufacturing facility in Rhode Island. The groundwater contamination threatened one of the primary drinking water aquifers for Rhode Island. The vertical and lateral extent of the plume was defined using a network of surface water monitoring points and various well types including microwells, overburden monitoring wells, bedrock wells, multiple stage completion wells, and private domestic wells. Sampling data indicated that the dissolved plume

encompassed an area of about 200 acres and extended more than a mile from the site. The TCA product, a DNAPL, was found over a quarter mile away from the original source at a depth of 400 feet below the ground surface.

The remediation plan included installing a half-mile-long interceptor subdrain system to hydraulically control and extract the overburden and bedrock groundwater for treatment. The majority of the interceptor subdrain was to be constructed on property that had originally been a land grant from the King of England and is a registered historic property. Archeological investigations on this property, as part of the remediation permitting and planning, uncovered a prehistoric feature approximately 4,000 to 7,000 years old, requiring complete removal and preservation. The archeological investigation, permitting, and removal was performed efficiently and did not impact the project schedule. The remedial design and permit process involved approvals from six divisions of the Rhode Island Department of Environmental Management (RIDEM); United States Army Corps of Engineers (USACE), United States Environmental Protection Agency (USEPA), the U.S. Department of Interior, and various historic preservation commissions.

Mr. Rosso assisted legal counsel with property access, easements, and well closure agreements. To allow construction and operation of the interceptor subdrain to proceed, a revised and amended consent agreement with RIDEM was successfully negotiated. This agreement consolidated key permitting authority among the various divisions and created a freshwater wetland delineation and mitigation plan. As the project manager, construction manager, and engineer of record, Mr. Rosso was responsible for hiring and managing the consultants and contractors, developing the plans and specifications, evaluating bids, awarding the contracts, and approving all payments. Project activities ultimately led to site containment using a system that was essentially passive, with very reasonable annual operating costs.

### **Superfund Site Remediation**

#### *Superfund Site – Former Petroleum Recycling Facility*

Mr. Rosso served as program manager for implementation of removal activities at a former petroleum recycling facility in Patterson, California. The abandoned waste oil recycling facility contained about 5.5 million gallons of hazardous waste and hazardous waste water, tank-bottoms sludge, and waste oil. In addition, the site contained 1,200 drums of used oil filters and miscellaneous chemicals. Wastewater and sludge were found to be RCRA hazardous waste and to contain dioxin compounds. The project was initiated under an order issued by the USEPA, and work is funded through a Steering Committee representing 21 potentially responsible parties (PRPs) who are cooperating to fund the remediation. The project is two-thirds completed, and the final stage of sludge removal began in November 1999. Working for the PRPs, Mr. Rosso managed the investigation of waste materials, regulatory interaction, community relations, cost recovery, treatability analysis, value engineering, waste disposal, and site decontamination. USEPA Region IX officials have publicly praised the cleanup project, calling it a "model effort for Superfund removal projects."

**Litigation Support***Steel Industry*

Mr. Rosso provided litigation support to defend this steel company from a claim that the historic operations of the steel plant contaminated an adjacent property that recycled steel barrels. At issue was a claim that heavy residual petroleum fuel known as Bunker fuel spilled on the client's property and migrated cross-gradient to the adjacent property. Working with an expert witness in chemistry, Mr. Rosso evaluated previous investigations by others, historical aerial photographs and records, regulatory files, depositions, cost estimates, and various remedial investigations and feasibility studies.

Based on the analysis of the available data and computer modeling techniques, Mr. Rosso and Dr. James Bruya (a chemical expert) developed a theory that numerous chemical products were spilled as part of the barrel recycling process and were subsequently affected by caustic cleaning solutions. The theory speculated that modified chemical compounds observed in soil and groundwater samples were then incorrectly interpreted to be residual petroleum fuel hydrocarbons by analytical laboratories that used qualitative analytical techniques. To defend the client, a comprehensive subsurface investigation and laboratory testing program was implemented on both properties to explore the plaintiff's theory of migration and Clayton's theory as source of the contamination. The investigation and specialized laboratory-testing program demonstrated that the source of contamination was the barrel cleaning facility.

**Tetrachloroethene (PCE) Investigation and Remediation***Manufacturing Industry*

A release of more than 60,000 pounds of PCE into groundwater occurred at a major manufacturing facility in Security, Colorado. The groundwater contamination affected the main aquifer for the area, which supplied 35,000 people with drinking water. Mr. Rosso served as a senior technical advisor for the investigation and remediation of the site. The project team used a network of more than 100 monitoring wells, municipal wells, and domestic wells to define the vertical and lateral extent of the plume, which was more than six miles long. Mr. Rosso developed various alternative remedial plans configured to fit on various offsite properties, evaluated the effectiveness of the scenarios, and developed detailed cost estimates for each conceptual plan including long-term operation costs. The remedial alternatives included groundwater extraction and treatment for hydraulic control, chemical reaction walls, soil bentonite walls, air sparging, chemical injection and reaction, and natural attenuation. Based on extensive aquifer testing, subsurface investigation, and computer modeling, a hydraulic control system was designed and presented to the Colorado Department of Public Health, which approved the plan. The system was implemented and appears to be effective.

**Site Assessment and Subsurface Investigation***Municipal Redevelopment Agency*



As a senior environmental consultant to the San Francisco Redevelopment Agency, Mr. Rosso conducted a site assessment and subsurface investigation for the proposed parking facility at the San Francisco Giants' new baseball park. The environmental site assessment (ESA) identified several issues. First, the property had been part of a major fuel oil handling facility operating between 1920 and 1930. Aerial photographs from 1930 showed three 40-foot-diameter aboveground oil tanks (ASTs) and a pump station onsite. The adjacent properties contained 19 ASTs with one tank measuring 150 feet in diameter. Second, the ESA identified that the site was underlain with 20 to 30 feet of rubble debris from the 1906 earthquake and fire. The subsurface investigation was designed to characterize the subsurface and quantify the remedial issues for the construction of the parking structure. The subsurface investigation confirmed that earthquake debris were present and contaminated with lead, hydrocarbons, and PAHs. Third, the ESA identified significant quantities of heavy hydrocarbons underlying the property. Fuel characterization analyses indicated that the hydrocarbons were residual fuel oil and crude oil. Mr. Rosso reviewed various remedial options with the San Francisco Department of Public Health and reached agreement that the most cost effective and practical remedial plan was to encapsulate the material onsite. These activities were completed in a timely manner, allowing the project to proceed as scheduled on a sound environmental and fiscal basis.

### **Site Investigations, Evaluations, and Remediation**

#### *State Superfund Sites – Landfills*

Mr. Rosso investigated, evaluated, and remediated two California State Superfund landfills that contained chromium-contaminated furnace bricks. In the past, a local winery's glass bottle furnaces had been remodeled and the brick linings were placed in uncontrolled landfills. The bricks subsequently released hexavalent and trivalent chromium to groundwater. The assessment involved the installation of monitoring well networks at each landfill to define the vertical and lateral extent of groundwater contamination. Based on review of historical aerial photographs, extensive exploratory trenching programs were developed to locate the bricks within each landfill. The most cost-effective remedial alternative included the complete removal of the contaminated bricks (approximately 5,000 cubic yards) and the extraction and treatment of shallow groundwater. The remedial actions resulted in site closure and removal from the state Superfund list.

### **Mediation and Litigation Support**

#### *Transportation Industry*

Mr. Rosso provided mediation and litigation support for a major overnight courier corporation against the San Francisco International Airport regarding cost recovery for hazardous waste remediation encountered during the construction of Taxiway C. The project involved developing defense arguments through extensive historical research, evaluation of investigations by multiple parties, identification of various types of fuel hydrocarbons, analysis of airport cost claims and construction schedule impacts. The work by Mr. Rosso provided a strong basis for the client to negotiate with the airport.

**Landfill Investigations***Real Estate Development Industry*

A 1,000-acre development was planned for Orinda, California. As part of the environmental assessment of the property, Mr. Rosso investigated four major onsite landfills, which contained construction debris. The landfills were delineated using historic aerial photographs and topographic mapping. The four landfills contained more than 100,000 cubic yards of construction debris. A subsurface investigation was designed to investigate and characterize the landfills, some of which extend to depths of 60 feet below ground surface. The laboratory-testing program demonstrated that three of the landfills did not contain hazardous compounds and could be used as general fill in the development. One of the landfills, which was located in a former quarry, contained high concentrations of lead, hydrocarbons, and PCBs. The contaminated fill material was primarily soil mixed with metal debris, tires, and asphalt. Interviews with former ranch personnel identified the material as Caltrans shoulder scrapping. As part of remedial feasibility study, Mr. Rosso developed surface-water and bedrock groundwater investigations. Based on the results of the investigations, a remedial action plan was developed. Due to toxicity and solubility issues with the fill, the most practical remedial solution was excavation and offsite disposal, which was implemented, allowing the development project to move forward.

**Emergency Response and Remediation***Transportation Industry*

Mr. Rosso was the onsite technical advisor and project manager for the emergency response and remediation of a massive toxic chemical spill due to a 23-car train derailment north of Houston, Texas. The remedial action included the rapid restoration of the railroad line and the protection of a nearby river. Working with the contractor, Mr. Rosso identified the lateral and vertical extent of soil contamination and developed a remedial program, which involved removing 700,000 gallons of hazardous liquids, excavating 14,000 cubic yards of soil, and restoring the remediated area with a low permeability cap. Working with the Texas regulatory agencies, Mr. Rosso implemented a followup groundwater investigation, which concluded that only minor residual contamination existed following the remediation.

**Site Remediation Plans***Real Estate Redevelopment*

As project manager, Mr. Rosso prepared site remediation plans for a mixed-use, master-planned, water-oriented development to be built on 50 acres along the shore of San Francisco Bay. Historically, the site was part of a highly industrialized area, which included major steel production and fabrication facilities. Mr. Rosso studied past manufacturing operations and existing site conditions and evaluated various previous investigations conducted by others. As part of this study and studies by others, more than 275 soil samples were collected and chemically analyzed. Statistical evaluation of the data indicated that hydrocarbons and heavy metals were present in near-surface soil in localized areas of the site and did not substantially affect the groundwater. The

remediation plan, developed in association with regulatory agencies, consisted of excavating and removing 40,000 cubic yards of contaminated soil from various areas of the site followed by chemical fixation, compaction, and encapsulation of the excavated soil beneath a 5-acre concrete parking structure on the property. The plan was approved and implemented, allowing the development to proceed as planned and in compliance with environmental regulations.

### **Site Assessments and Remediation**

#### *Chemical Industry*

Mr. Rosso was project manager for the site assessment and remediation of two inactive evaporation ponds containing 9,000 cubic yards of residual sludge materials from aluminum anodizing processes at a California chemical manufacturing facility. Interacting with the California Regional Water Quality Control Board (RWQCB) on behalf of the client and one of its subsidiaries, Mr. Rosso developed a site characterization program, which focused on defining the subsurface conditions, soil quality, and extent of groundwater contamination. These assessment activities involved drilling and continuously sampling soil borings, installing monitoring and extraction wells, logging geophysical subsurface conditions, and chemically testing soil and groundwater samples. Evaluation studies included investigating the effects of high pH on groundwater geochemistry, treatability studies for nonhazardous disposal of sludge, aquifer testing, and computer modeling for groundwater extraction systems. The remediation consisted of excavating the sludge material, disposing of the material as nonhazardous waste, controlled backfilling and surface grading of the former pond areas, and monitoring geochemical transformations in the groundwater. These activities brought the site into compliance with state environmental regulations.

### **Site Characterization and Remedial Plans**

#### *Food Processing and Distribution Plant*

As a senior technical consultant, Mr. Rosso directed site characterization activities and developed remedial plans for a 70-acre food processing and distribution facility in California. Mr. Rosso conducted an ESA of the property and identified several areas of concern including multiple fuel and solvent handling facilities and the former presence of 18 underground storage tanks (USTs), primarily in a fuel tank farm area. Investigations of the UST areas indicated significant releases to the subsurface. Free-floating fuel product was found on the groundwater surface. Fuel characterization techniques identified the floating fuel product as a mixture of gasoline and diesel. Various remedial options reviewed in detail included horizontal extraction wells, bioremediation, injection of hydrogen peroxide, product extraction, soil vapor extraction, groundwater sparging, and excavation. Evaluations indicated that the most cost-effective and practical remedial plan was to remove the free product and monitor the natural attenuation of the plume. In addition to onsite issues, chlorinated organic solvents were found in groundwater entering the property from an upgradient source. Mr. Rosso identified potential offsite sources of chlorinated solvents through the use regulatory record and historic aerial photography.

This information was used by the client to determine the remedial course of action and allowed the major rehabilitation of the facility to proceed on schedule.

### **Subsurface Evaluation**

#### *Transportation Industry*

As project manager, Mr. Rosso evaluated the subsurface conditions for the expansion of a private waste water treatment plant and major access road at the San Francisco International Airport. These renovation projects were located adjacent to major jet fuel distribution facilities not owned by the Airport. The investigation focused on identifying, delineating, and quantifying fuel products in the subsurface. The laboratory testing program included fuel fingerprinting and fuel characterization techniques. The investigation identified jet fuel products floating on the groundwater in several areas. The objective of remedial activities was to protect foundation and pipeline construction workers within the jet fuel contaminated areas. These activities delineated the areas of concern and minimized the uncertainty for the expansion project bidding contractor. This resulted in a more accurate bid and minimized change orders.

### **Trichloroethene (TCE) Investigations**

#### *Manufacturing Facility*

As a senior technical advisor, Mr. Rosso investigated the presence of TCE in groundwater beneath two adjacent manufacturing facilities in central California. He assisted the downgradient property owner and its environmental counsel to evaluate the work of opposing consultants, assess and delineate the extent of contamination, and develop a variety of possible remedial actions. The work also included assessing groundwater flow and using numerical simulation models to estimate the fate and transport of chemicals and the extraction systems' zone of capture. These investigations demonstrated the upgradient facility as the major source of contamination. Mr. Rosso provided litigation support to the environmental counsel for the downgradient property owner, evaluated remedial alternatives, and prepared community relations plans. The most cost-effective measures proved to be groundwater extraction and treatment and soil vapor extraction from the vadose zone. As a result of these activities, the client received a favorable settlement.

### **Contamination Source Investigation**

#### *Real Estate Redevelopment*

As part of the redevelopment of downtown Hartford, Connecticut, a major bank was foreclosing on several contiguous properties. The ESAs and subsurface investigations by others identified chlorinated solvents in the groundwater on the properties. The main issue for the bank involved the source of the contamination, which the previous consultant believed was onsite. Based on the evaluation of the data, subsurface conditions, and hydrogeologic regime, it appeared that an offsite source was responsible for the chlorinated solvents in the groundwater. The review of regulatory records identified a nearby property that was previously used by a barrel cooperage, which had recycled steel barrels. The former cooperage had been replaced with an office building for the Connecticut Department of Public Works. Regulatory records indicated that the barrel

cooperage had recycled chlorinated solvents and apparently had buried a large number of drums, which were uncovered during the construction of the office building. Computer analysis and models demonstrated that the source of contamination was most likely the former barrel cooperage. These findings allowed the bank fund the redevelopment project.

### **Employment History**

Clayton Group Services, Inc. – Pleasanton, California  
Director, Environmental Services  
1998 to Present

A. F. Evans Company, Inc. – San Ramon, California  
Manager of Acquisitions and Project Manager  
1997 to 1998

Treadwell & Rollo, Inc. – San Francisco, California  
Founding Shareholder, Officer, and Senior Associate Engineer  
1988 to 1997

Geomatrix Consultants, Inc. – San Francisco, California  
Senior Staff Engineer  
1984 to 1988

Woodward-Clyde Consultants – Oakland, California  
Staff Engineer  
1982 to 1984

### **Education**

M.S., Civil Engineering (Construction Management), 1988  
University of California, Berkeley, California

B.S., Civil Engineering, 1984  
University of California, Berkeley, California

### **Professional Registrations and Certifications**

Environmental Assessor: California (inactive)  
Licensed Civil Engineer, State of California, No. 45310, 1990  
Licensed Civil Engineer, State of Connecticut, No. 7818, 1993  
Licensed Civil Engineer, State of Massachusetts, No. 37347, 1993  
Licensed Civil Engineer, State of New Jersey, No. 38988, 1995  
Licensed Civil Engineer, State of Rhode Island, No. 6057, 1993

**Professional Affiliations**

American Chemical Society (ACS)  
American Society of Civil Engineers, (ASCE)  
Chi Epsilon, National Civil Engineering Honor Society  
National Ground Water Association (NGWA)

**APPENDIX B**  
**LIST OF SOURCES**

## LIST OF SOURCES

### CONTACTS:

Agency and division/source: City of Oakland Office of Emergency Services (Fire Department)  
Name/title of representative: Vibhor Jain  
Location of Agency: 1605 Martin Luther King Junior, Oakland, California  
Agency Telephone Number: 510.238.7491  
Date Information was received: September 3, 2002

Agency and division/source: City of Emeryville Building Department  
Name/title of representative: Staff  
Location of Agency: 1333 Park Avenue, Emeryville, California  
Agency Telephone Number: 510.596.4315  
Date Information was received: September 11, 2002

Agency and division/source: City of Emeryville Fire Department  
Name/title of representative: George Warren  
Location of Agency: 2333 Powell Street, Emeryville, California  
Agency Telephone Number: 510.596.3759  
Date Information was received: September 23, 2002

Agency and division/source: City of Oakland Building Department  
Name/title of representative: Staff  
Location of agency: 250 Frank Ogawa Plaza, Oakland, California  
Agency telephone number: 510.238.3606  
Date information was received: September 3, 2002

Agency and division/source: Alameda County Assessor's Office  
Name/title of representative: Staff  
Location of agency: 1221 Oak Street, Oakland, California  
Agency telephone number: 510.272.3787  
Date information was received: September 3, 2002



**LIST OF SOURCES**  
**(Continued)**

Agency and division/source: Alameda County Health Care Services Agency  
Name/title of representative: Earlene Coleman-Ali  
Location of Agency: 1131 Harbor Parkway, Alameda, California  
Agency Telephone Number: 510.567.6809  
Date Information was received: September 6, 2002

Agency and division/source: Regional Water Quality Control Board, San Francisco Bay Region  
Name/title of representative: Melinda Wong  
Location of Agency: 1515 Clay Street, Oakland, California  
Agency Telephone Number: 510.622.2430  
Date Information was received: August 27, 2002

Agency and division/source: Department of Toxic Substances Control  
Name/title of representative: Lule Varella  
Location of Agency: 700 Heinz Avenue, Suite 200, Berkeley, California  
Agency Telephone Number: 510.540.3800  
Date Information was received: September 11, 2002

Agency and division/source: United States Environmental Protection Agency-Region IX  
Name/title of representative: Staff  
Location of Agency: 75 Hawthorne Street, San Francisco, California  
Agency Telephone Number: 415.792.3091  
Date Information was received: September 12, 2002

Agency and division/source: Green City Development Group  
Name/title of representative: Dewitt Brock-Project Manager  
Location of Agency: 156 South Park, San Francisco, California  
Agency Telephone Number: 415.543.2221  
Date Information was received: September 5, 2002

**REFERENCES:**

Name of publication: EDR Radius Map with Geocheck – 1007 41<sup>st</sup> Street, Oakland, California  
Author of publication: Environmental Data Resources, Inc. (EDR)  
Date of publication: August 27, 2002

**LIST OF SOURCES**  
**(Continued)**

Name of publication: EDR Historical Topographic Map Report – 1007 41<sup>st</sup> Street, Oakland, California  
Author of publication: Environmental Data Resources, Inc. (EDR)  
Date of publication: August 30, 2002

Name of publication: EDR Sanborn®Map Report - 1007 41<sup>st</sup> Street, Oakland, California  
Author of publication: Environmental Data Resources, Inc. (EDR)  
Date of publication: August 29, 2002

Name of publication: EDR Aerial Photographs – 1007 41<sup>st</sup> Street, Oakland, California  
Author of publication: Environmental Data Resources, Inc. (EDR)  
Date of publication: August 30, 2002

Name of publication: EDR City Directory Abstract – 1007 41<sup>st</sup> Street, Oakland, California  
Author of publication: Environmental Data Resources, Inc. (EDR)  
Date of publication: August 28, 2002

Name of publication: Underground Tank Removal Report, Dunne Quality Paint, 1007 41st Street, Oakland, California  
Author of publication: Hunter/Gregg  
Date of publication: 1988

Name of publication: Groundwater Sampling Report for Frank W. Dunne Company, 1007 41st Street, Oakland, California  
Author of publication: Hageman-Aguiar  
Date of publication: November 1993

Name of publication: Ground Water Sampling From Monitoring Wells at 1007 41st Street, Oakland, California  
Author of publication: Environmental Science & Engineering, Inc.  
Date of publication: March 1990

Name of publication: Level I Environmental Site Assessment, Dunne Quality Paints, Oakland, California  
Author of publication: Blymyer Engineers, Inc.

**LIST OF SOURCES**  
**(Continued)**

Date of publication: June 1991

Name of publication: Report of Limited Soil Investigation, Frank W. Dunne Company, 1007 41st Street, Oakland, California

Author of publication: Hageman-Aguiar, Inc.

Date of publication: June 1992

Name of publication: Groundwater Sampling Report, Frank W. Dunne Company, 1007 41st Street, Oakland, California

Author of publication: Hageman-Aguiar, Inc.

Date of publication: June 1992

Name of publication: Evaluation of Site Contamination and Recent Groundwater Sampling, One, Dunne Paints, California Linen, Oakland/Emeryville, California

Author of publication: BES

Date of publication: February 1999

Name of publication: Groundwater, Soil, & Air Sampling Results, One, Dunne Paints, and California Linen in Oakland/Emeryville, California

Author of publication: Block Environmental Services (BES)

Date of publication: July 2000

Name of publication: Environmental Site Assessment, Former Dunne Paints, Oakland/Emeryville, California

Author of publication: BES

Date of publication: December 2000

Name of publication: Geotechnical Investigation, Green City Lofts, 4050 Adeline Street in Emeryville/Oakland, California

Author of publication: Subsurface Consultants, Inc.

Date of publication: December 2000

Name of publication: Risk Management Plan, O.N.E. Color Communications and Green City Lofts

Author of publication: BES

Date of publication: February 2002

**LIST OF SOURCES**  
**(Continued)**

Name of publication: Phase I Environmental Site Assessment Update For Property  
Located At 1007 41st Street, Oakland, California

Author of publication: BES

Date of publication: June 2002

**APPENDIX C**  
**FIRE INSURANCE MAPS**



"Linking Technology with Tradition"

## Sanborn® Map Report

Ship to: Jesse Edmands

Clayton Group Services

6920 Koll Center Parkway

Pleasanton, CA 94566

Order Date: 8/27/2002

Completion Date: 08/29/2002

Inquiry #: 838073.5S

P.O. #: NA

Site Name: 1007 41st Street

Address: 1007 41st Street

City/State: Oakland, CA 94608

1021393RJC

925-426-2600

Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

1903 - 1 - map

1911 - 1 - map

1951 - 1 - map

1952 - 1 - map

1967 - 1 - map

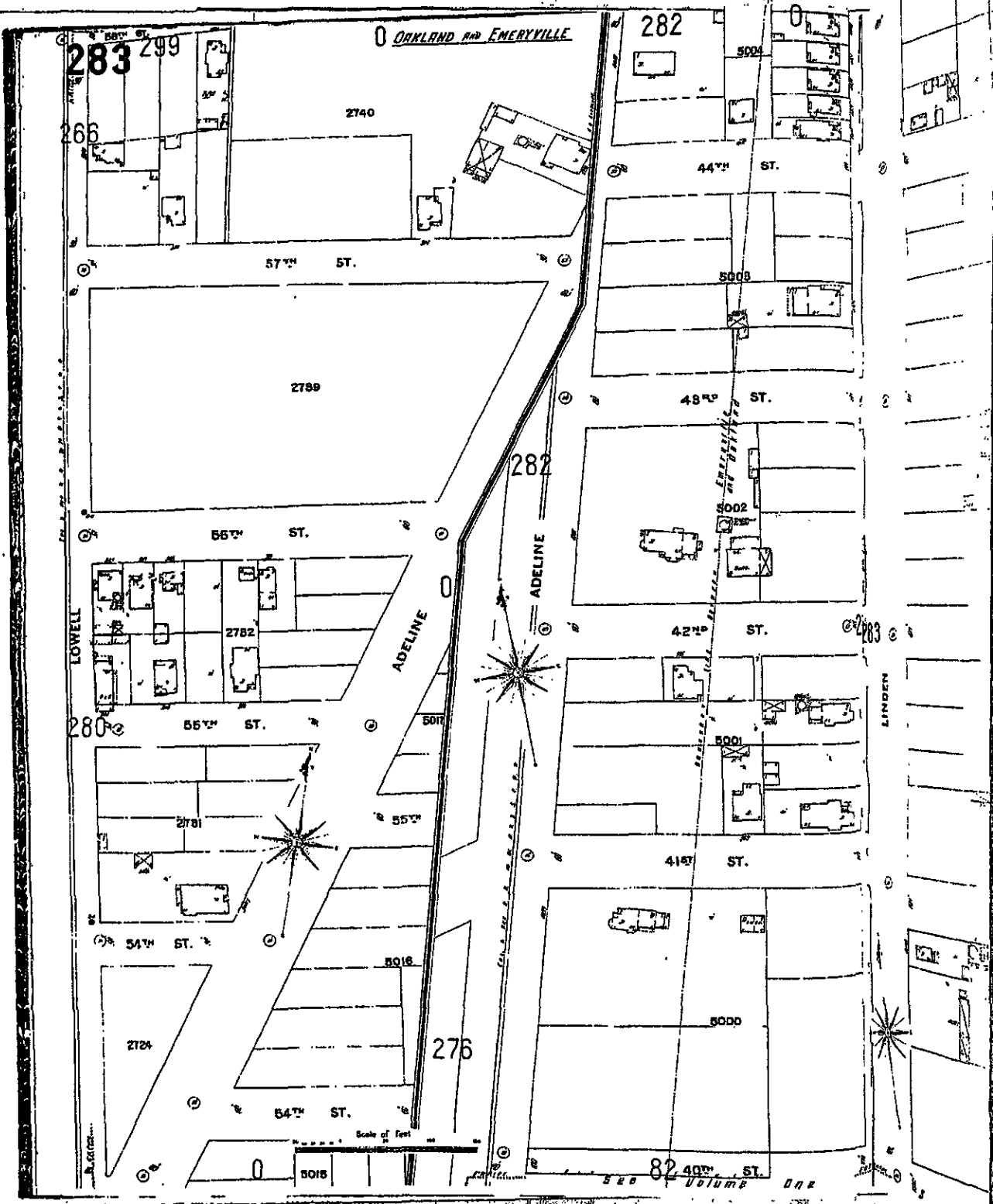
1969 - 1 - map

Total Maps: 6

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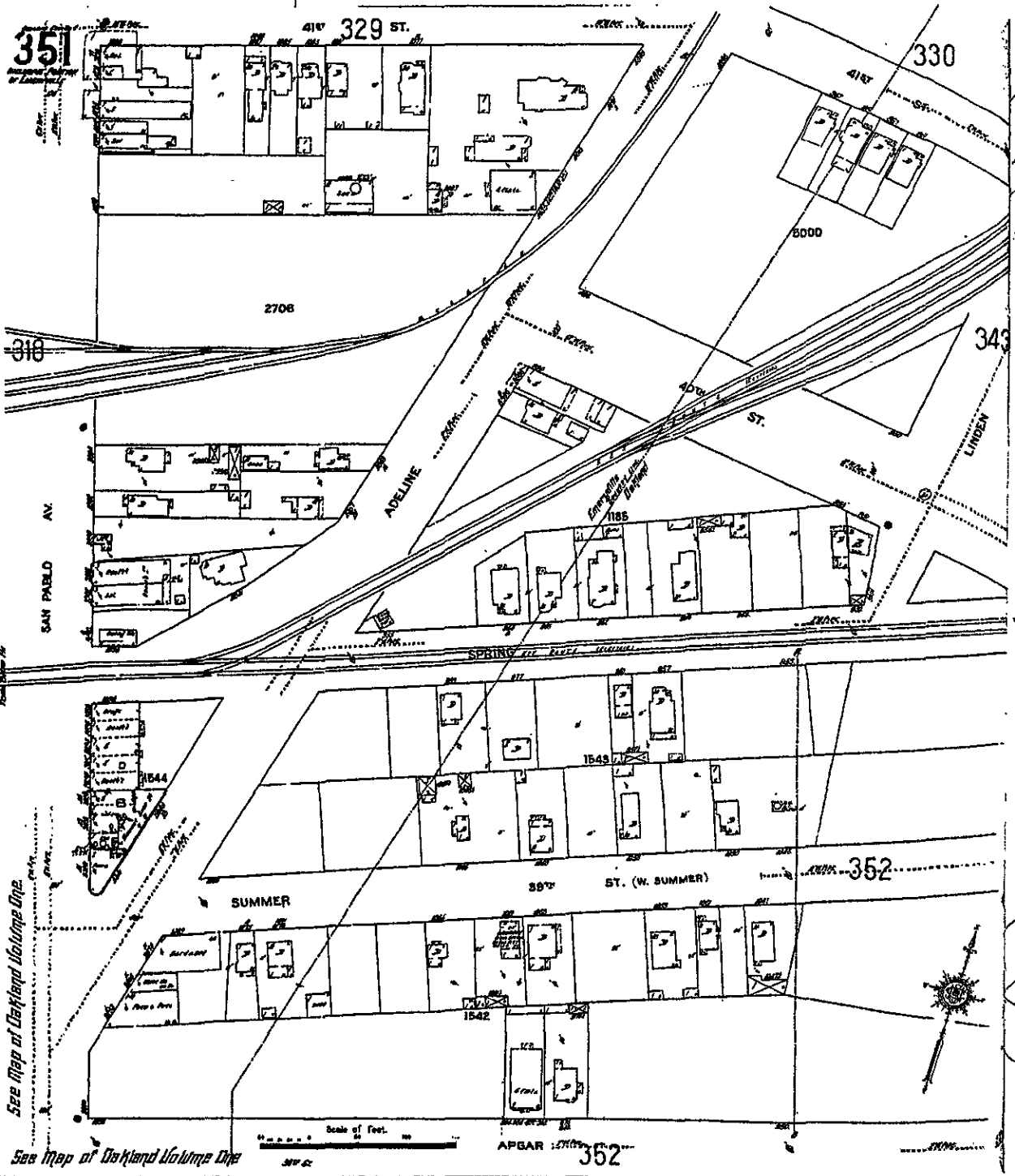
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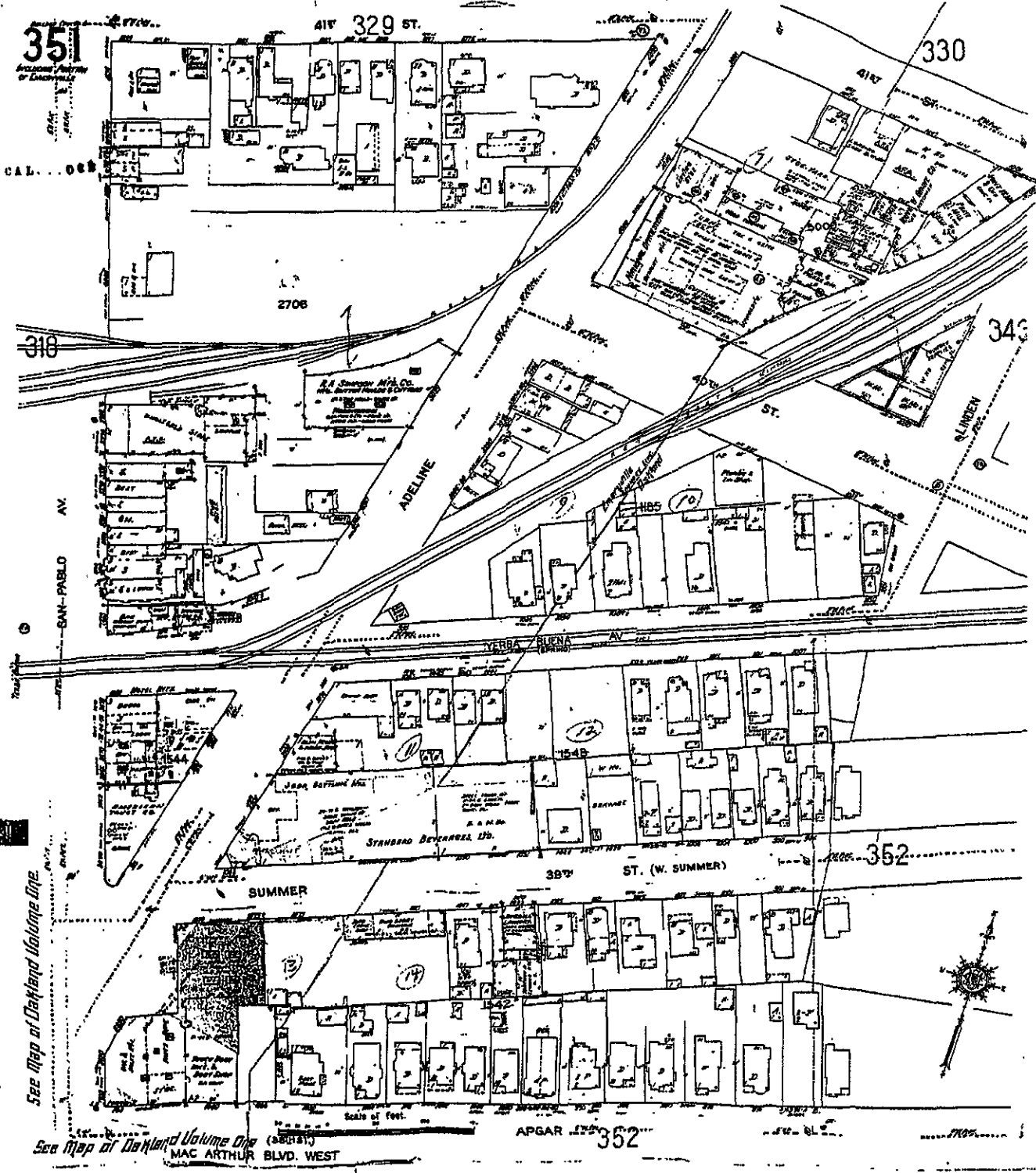
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See Map of Oakland Volume One

See Map of Oakland Volume One (388-391)  
 MAC ARTHUR BLVD. WEST

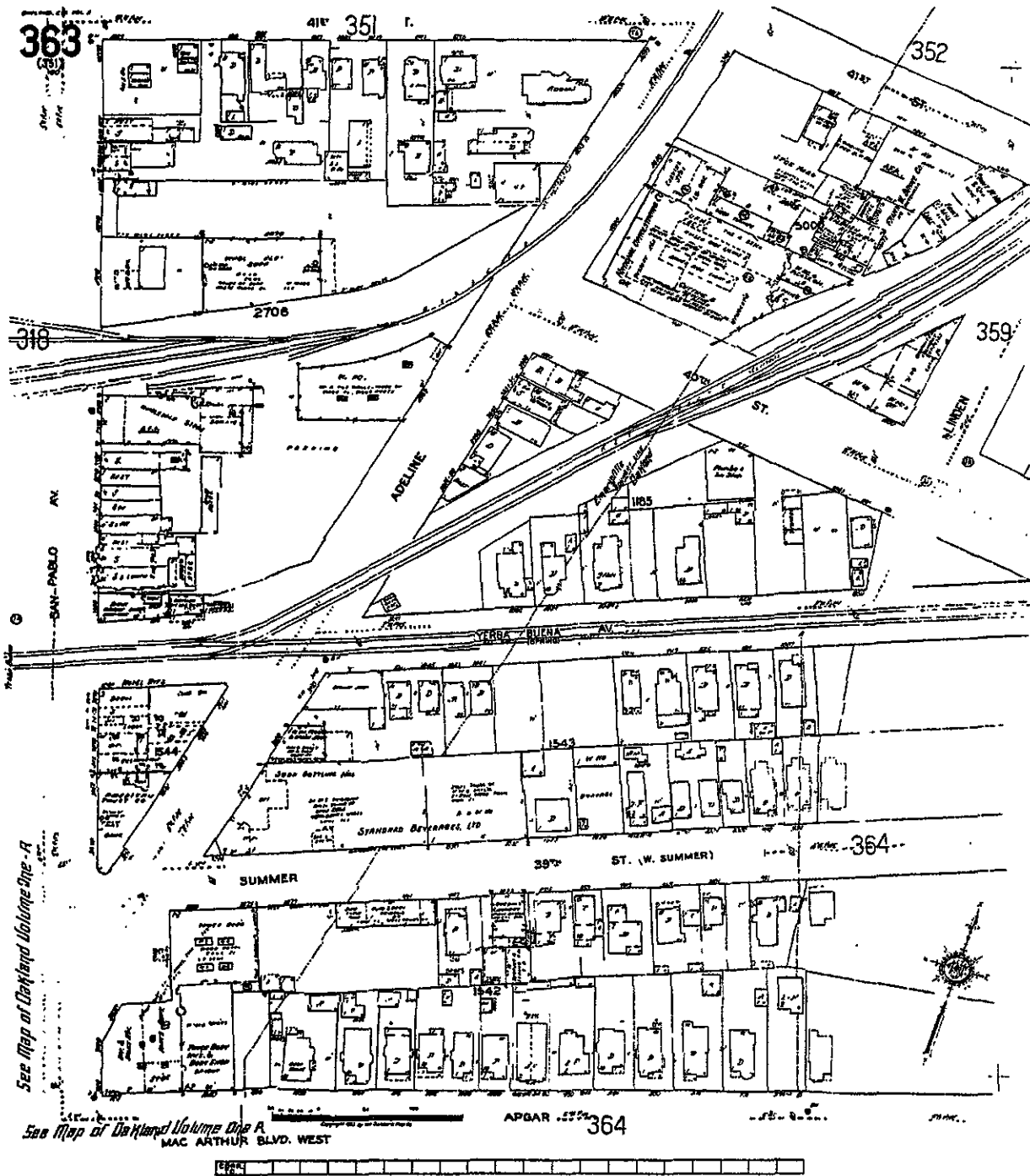


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 Year FOR Research associates

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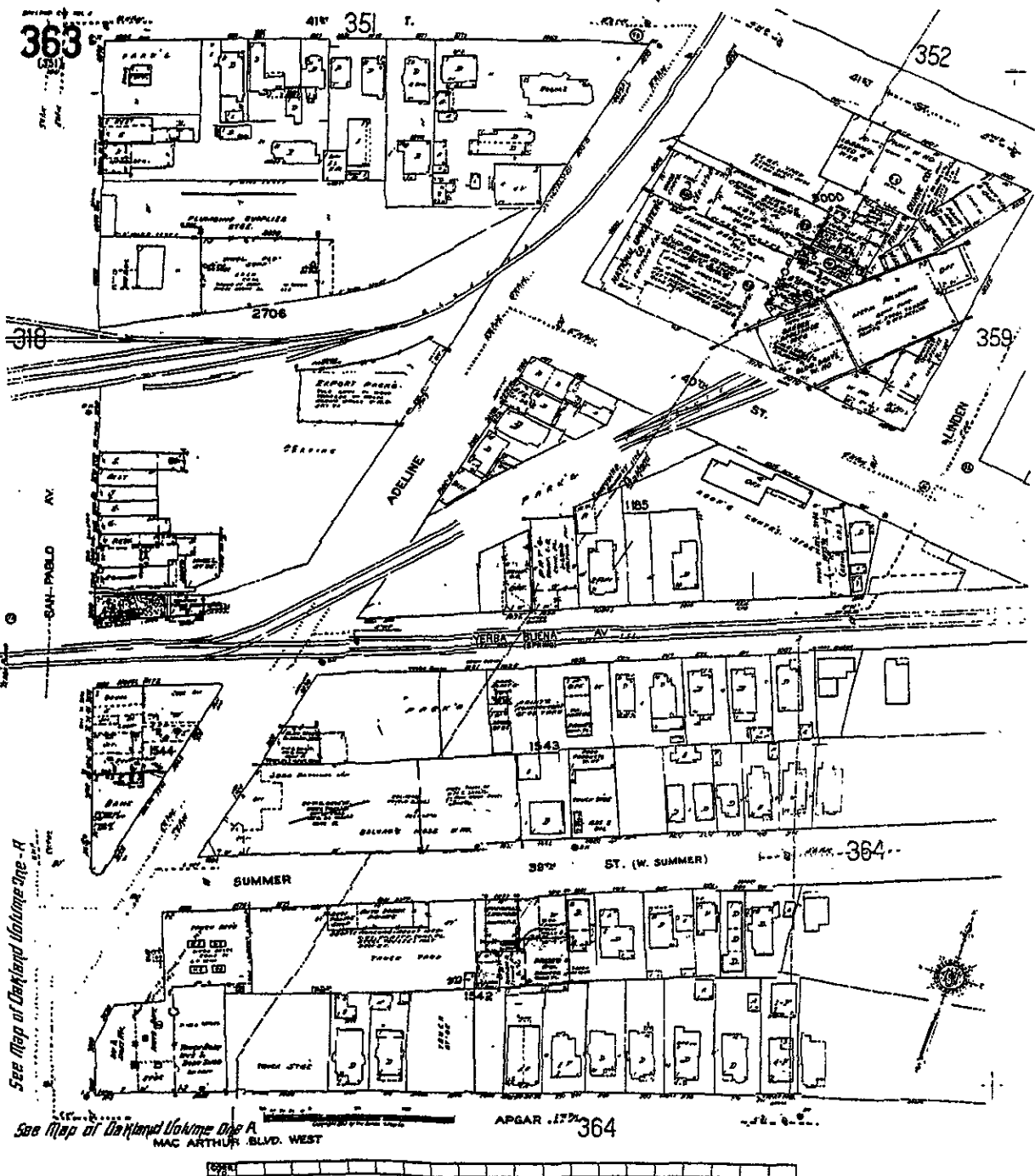


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See Map of Oakland Volume One-A

See Map of Oakland Volume One A  
MAC ARTHUR BLVD. WEST

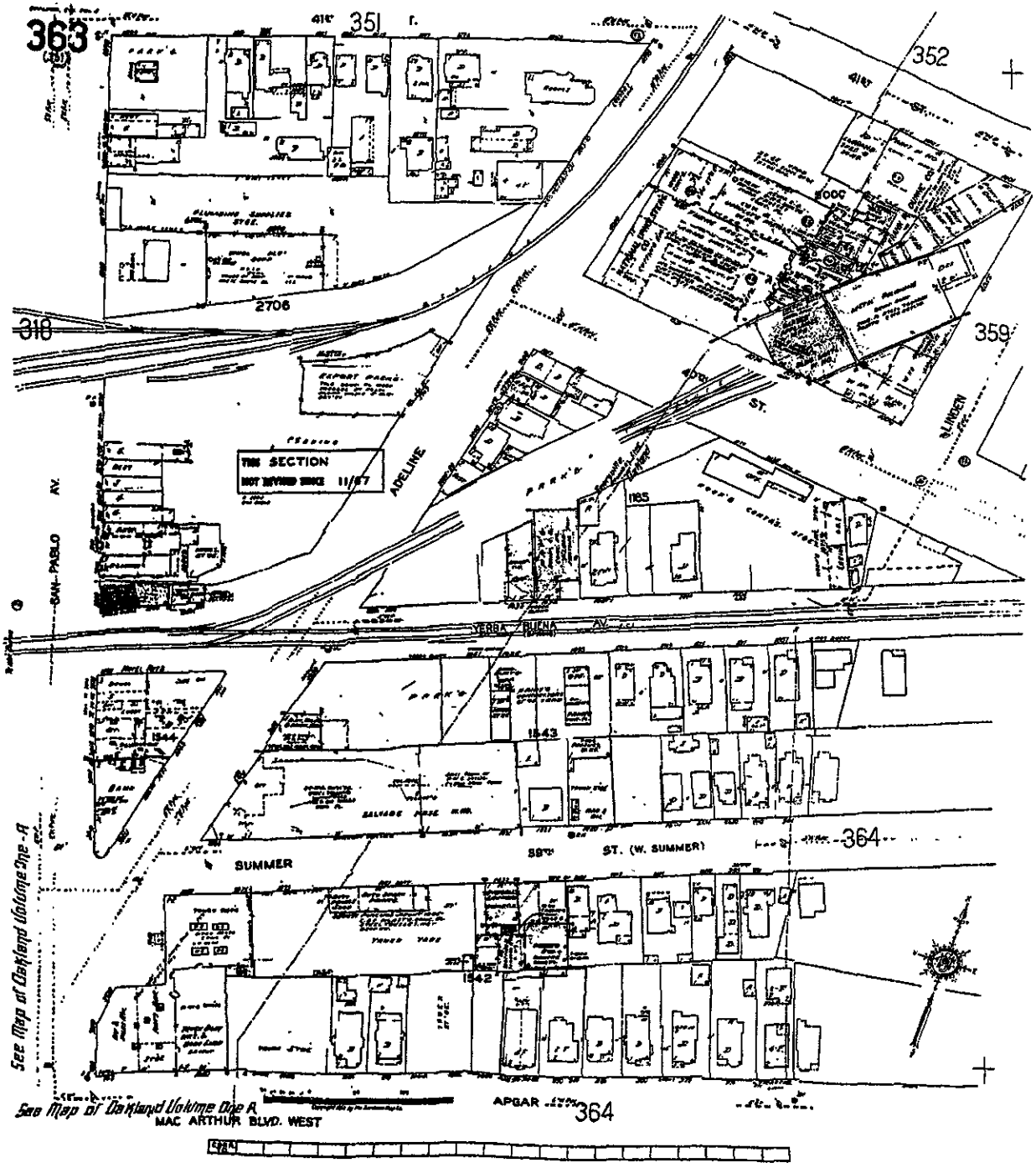


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See Map of Oakland Volume One - A

See Map of Oakland Volume One A  
MAC ARTHUR BLVD. WEST



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**APPENDIX D**

**CITY DIRECTORY ABSTRACT**



**The EDR-City Directory**  
*Abstract*

1007 41st Street  
1007 41st Street  
Oakland, CA 94608

August 28, 2002

Inquiry Number: 838073-9

**The Source  
For Environmental  
Risk Management  
Data**

3530 Post Road  
Southport, Connecticut 06490

**Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802

## Environmental Data Resources, Inc.

### City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.4, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

#### City Directories

City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice."* (ASTM E 1527-00, Section 7.3.4, page 12.)

Please call EDR Nationwide Customer Service at  
1-800-352-0050 (8am-8pm EST)  
with questions or comments about your report.  
*Thank you for your business!*

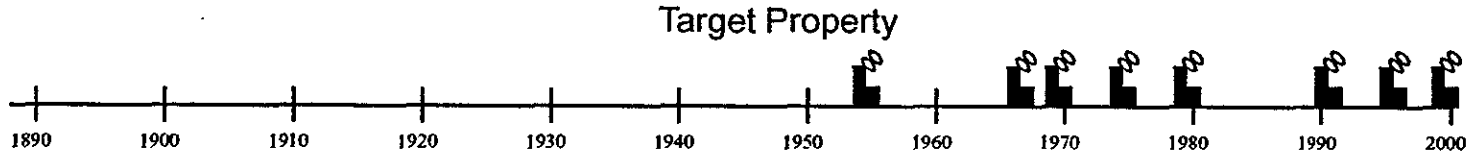
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*This report contains information from a variety of public and other sources. Environmental Data Resources, Inc. (EDR) has relied on the information provided to it from such sources. EDR has not reviewed and does not warrant or guarantee the completeness, accuracy, timeliness or authenticity of such information in preparing this report. THE INFORMATION AND METHODOLOGY USED TO COMPILE THIS REPORT, AND THE ANALYSIS AND SERVICES INTENDED TO BE PROVIDED BY THIS REPORT ARE PROVIDED "AS IS" WITHOUT WARRANTY OR GUARANTY OF ANY KIND. EDR DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THIS REPORT AND ALL THE INFORMATION CONTAINED HEREIN, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event shall EDR be liable for any indirect, special, punitive or consequential damages, whether arising out of contract, tort or otherwise, arising out of this report and the information contained herein even if EDR has been advised of the possibility that such damages may arise.*

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# Prior Use Report® Timeline



**Legend:**



= Historical Topographic Map (HT)



= National Wetland Inventory Map (WT) \*

*Superscript number corresponds to graph ID in text*

*\* Displayed on timeline when aerial photos, flood prone, FEMA, wetland maps, or Aerial Research Summary are purchased.*



= Flood Prone/FEMA Maps (FP/FR) \*



= Aerial Photos Included (P) \*



= Aerial Photos Available \*



= Residential (R)



= Commercial or Industrial (C)

**Target Property:** 1007 41st Street  
**Address:** 1007 41st Street  
**City/State/Zip:** Oakland, CA 94608

**Customer:** Clayton Group Services  
**Contact:** Jesse Edmands  
**Inquiry #:** 838073-9  
**Date:** 8/28/2002



#### 4. SUMMARY

- *City Directories:*

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2002. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8 of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

**Date EDR Searched Historical Sources:**

**Target Property:**

1007 41st Street  
Oakland, CA 94608

<u>PUR ID</u> <u>Year</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1920	Address not Listed in Research Source		Pacific Telephone
1925	Address not Listed in Research Source		R. L. Polk & Co.
1926	Address not Listed in Research Source		R. L. Polk & Co.
1932	Address not Listed in Research Source		R. L. Polk & Co.
1933	Address not Listed in Research Source		R. L. Polk & Co.
1938	Address not Listed in Research Source		Pacific Telephone
1940	Address not Listed in Research Source		R. L. Polk & Co.
1943	Address not Listed in Research Source		R. L. Polk & Co.
1945	Address not Listed in Research Source		THE PACIFIC TELEPHONE & TELEGR
1946	Address not Listed in Research Source		R. L. Polk & Co.
1950	Address not Listed in Research Source		THE PACIFIC TELEPHONE & TELEGR
1951	Address not Listed in Research Source		R. L. Polk & Co.
1954	Address not Listed in Research Source		R. L. POLK & CO.
1955	DUNNE FRANK W CO PAINT MFRS (1007)		R. L. Polk & Co.
1956	Address not Listed in Research Source		PACIFIC TELEPHONE
1959	Address not Listed in Research Source		R. L. Polk & Co.
1960	Address not Listed in Research Source		PACIFIC TELEPHONE
1962	Address not Listed in Research Source		Pacific Telephone
1965	Address not Listed in Research Source		R. L. POLK & CO.
1967	DUNNE FRANK W CO PAINT MFG (1007)		R. L. POLK & CO.
1970	DUNNE FRANK W CO PAINT MFRS (1007) DUNNE PAINT CO (1007)		R. L. POLK & CO.
1973	Address not Listed in Research Source		R. L. POLK & CO.
1975	DUNNE PAINT CO (1007)		PACIFIC TELEPHONE
1976	Address not Listed in Research Source		R. L. POLK & CO.

<u>PUR ID</u> <u>Year</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1979	Address not Listed in Research Source		R. L. POLK & CO.
1980	DUNNE FRANK W CO PAINT NTRS (1007) DUNNE PAINT CO (1007)		PACIFIC TELEPHONE
1982	Address not Listed in Research Source		R. L. POLK & CO.
1984	Address not Listed in Research Source		PACIFIC BELL
1986	Address not Listed in Research Source		PACIFIC BELL WHITE PAGES
1991	DUNNE QUALITY PAINTS (1007)		PACIFIC BELL WHITE PAGES
1992	Address not Listed in Research Source		PACIFIC BELL DIRECTORY
1996	SALMAN WEST DEVELOPMENT (1007) WEST MAC BUILDERS (1007)		PACIFIC BELL DIRECTORY
2000	CINDER BLOCK T-SHIRTS (1007) WEST MAC BUILDERS (1007)		PACIFIC BELL
2002	Address not Listed in Research Source		R. L. POLK & CO.

### Adjoining Properties

#### SURROUNDING

Multiple Addresses  
Oakland, CA 94608

<u>PUR ID</u> <u>Year</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1920	<u>** 40TH ST Addresses **</u>  LUTHGE J H HOUSE MOVER (1019) SUTHGE J H R (1081) FEARBY MRS ROBT R (1084) WALKER ERNEST R (959) <u>** 42ND AVE Addresses **</u>  JUMBO BELTING CO (1029) LAIDLEY WM W PAC BLRG CO (1029) PAC BELTING CO (1029) RAINE ARTHUR E PAC BLIG CO (1029) <u>** 42ND ST Addresses **</u>  BURRELL F H R (1075) BURRELL F H R (1075) ROBINSON P T R (945) RICH JAMES L R (947)		Pacific Telephone

***PUR ID***  
***Year Uses***

***Portion-Findings***  
***(FIM Information Only)***

***Source***

1920 (continued)

LOGUE MRS H R (952)

LATIMER C H R (953)

FOLGER A R (959)

BRUNZELL JULIA R (963)

**\*\* 43RD ST Addresses \*\***

BRITTINGHAM H E R (1009)

BRISTOWE J W R (1020)

COSTIN H S R (1051)

MURPHY MRS EDDIE R (1057)

GREEN ROBT J R (982)

CANTINO S R (999)

**\*\* ADELINE ST Addresses \*\***

BENDIXEN T GROCS (3998)

BENNETT H M R (4005)

SMITH J GEORGE R (4013)

BUTTS W H R (4111)

**\*\* ESSEX WAY Addresses \*\***

WEST MRS M L R (4312)

WELSH WILFORD C R (4320)

SILVERIA MRS L M R (4324)

SCHLEASON HENRY A R (4412)

**\*\* LINDEN WAY Addresses \*\***

NICKERSON MRS G W R (4105)

LONG MRS ANNIE NURSE (4311)

**\*\* 41ST ST Addresses \*\***

WESTON E C R (1010)

AXTON MRS WM R (1014)

MARTIN M K R (946)

1925

**\*\* 40TH ST Addresses \*\***

BRECK ANNA T R (1001)

FEAREY & MOLL PLUMBING (1075)

FEARY MRS ROBT R (1084)

ALLEN J R (951)

MORESI EMILE R (959)

MCELHERRON MISS E C R (966)

PERRY VERNON R (972)

VINCENT ARTHUR E R (978)

ALBRIGHT S A R (984)

ASHBY E T R (990)

WHEATLEY REV CHAS A R (996)

**\*\* 42ND ST Addresses \*\***

R. L. Polk & Co.

***PUR ID***

***Year Uses***

***Portion-Findings  
(FIM Information Only)***

***Source***

1925 (continued)

BURRILL F H R (1075)  
EGAN D E R (945)  
BACON J R R (948)  
LOGUE MRS HENRY P R (952)  
SWEARS JOE P R (953)  
BACCUS GEO R (956)  
FOLGER A R (959)  
DEVOTO MISS J R (962)  
O HANLON R J R (963)  
CHRISTIANSEN WALTER C R (964)  
COLE MRS M E A R (975)  
LEROY MRS E P R (980)  
GALLAGHER EDWARD J R (987)

***\*\* 43RD ST Addresses \*\****

UNNA MRS H R (1023)  
CHUCK G J R (1031)  
FEALEY WM E R (1033)  
VANDERZWIEP JAS R (1035)  
DEMPSEY C E R (1037)  
MECKFESSEL MARY E R (1037)  
PIERCE BURTON I R (1039)  
SHAW MRS JENNIE S G R (1048)  
CHRISTIE W H R (1050)  
RADOVICH JO R (1052)  
LEISHMAN JOHN W R (1053)  
VIERRA MRS M R (1054)  
HINE L S R (1056)  
MURPHY NELLIE E R (1057)  
GREEN ROBT J R (982)  
TRIBERTI G R (987)  
MALLORY F W R (994)  
CANTINO S R (999)

***\*\* ADELINE ST Addresses \*\****

BENDIXEN T GROCS (3998)  
WHITE MRS C R (4007)  
CELLANO A G R (4102)  
ROBERTS S R (4110)  
CORY CHAS C R (4111)  
HAIG MRS ANDREW S R (4118)  
LAUFFER FLORENCE R (4119)

***\*\* 41ST ST Addresses \*\****

STURGEONE C R (1010)

**PUR ID**

**Year    Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1925 (continued)

BERRY C A R (1011)  
COURTNEY P R (1012)  
UHLENKAMP MRS M R (1015)  
JORGENSEN VIC R (1016)  
MARTIN THOS R (1060)  
MCMAHON F W R (1075)  
JEGLUM CAP R (954)  
TAYLOR FRANK E R (954)  
ARISS CONTRACTING CO (961)  
ARJSS KNAPP CO (961)  
PEARL LAUNDRY CO (989)

1926    Address not Listed in Research Source

R. L. Polk & Co.

1932    Address not Listed in Research Source

R. L. Polk & Co.

1933    **\*\* 40TH ST Addresses \*\***

R. L. Polk & Co.

LEONARD MARY (WID JOHN) H (1001)  
PACIFIC GRAPHITE WORKS W C CHEDIC PRES (1050)  
FEAREY & MOLL (R D FEAREY CHAS MOLL) P (1075)  
ALLEN JAS (MARGT) PORTER H (951)  
Residence (951)  
Residence (951)  
Residence (951)  
Residence (951)  
MCELHERRON WM (LIZIAN) BLRMR H (966)  
MONTE-VERDA LAWRENCE M (BILEEN) SL.SMN (966)  
Residence (966)  
Residence (966)  
CLARK NORA (WID W G) H (972)  
Residence (972)  
Residence (978)  
GILLIO WM P (LULU) LAB H (984)  
VINCENT ARTH A (ANNA L) REPRMN H (987)  
O CONNOR GERALD (CHARLINE) ENG H (990)  
RAMSEY ROSCO L (PANSY) ELEV OPR H (990)  
HIBBS JAS Q (MARY) BRKMN H (996)  
Residence (996)

**\*\* 42ND AVE Addresses \*\***

ARNOLD ARDIS L MRS H (1009)  
BAILEY WALTER H (STELLA I) H (1009)  
KEMMERLING LOUIS (RUBY) LAB H (1009)  
RAMOS JOS LAB H (1022)

**PUR ID**

**Year    Uses**

1933 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

NEAL FRANK E (ROSE) LAB H (1030)

**\*\* 42ND ST Addresses \*\***

BOYSEN WALTER N CO W N BOYSEN PRES PAI (1001)

LEDFORD HENRY C (MARJORIE) BARBER H (1071)

Residence (1071)

PHILLIPS CHAS H (ETHEL) JAN OKLD PUB B (1075)

STARNES JOHN W (SOPHIE E) JAN H (1075)

Residence (1075)

Residence (1075)

MCNEILL HENRY LAB H (1081)

EGAN DANL E (EMMA) LINEMN H (945)

Residence (945)

Residence (947)

MOLO WERNER (EMMA) BAKER H (948)

LOGUE HENRY P (MARY) MECH H (952)

SWEARS JOS P (MINNIE E) CHAUF H (953)

BACCUS GEO (NAN) COMPOSITOR H (956)

Residence (956)

RUPEY ERNEST J (CARRIE) STA ENG H (957)

Residence (957)

Residence (957)

Residence (957)

FOLGER ALANSON (FLORENCE) LINO OPR H (959)

Residence (959)

Residence (959)

BEATTY JUDD A (VIOLET A) ACCT H (960)

MORGAN WM R (HULDAH C) CARP H (960)

HANLON GRACE MRS BR MGR MACMARR STORES (963)

Residence (963)

Residence (963)

BAVA ALF (VIOLET) CLK H (966)

HALL CHAS J (BERTHA F) BAKER H (967)

WALLACE EDGAR C (HELEN W) CHAUF H (968)

CARLEVARO PHILIP (FLORA) BUTCHER H (970)

ROBINO GIUSEPPE (MARY) H (971)

Residence (971)

DAGGETT JAS W (JOSEPHINE) H (974)

LE ROY BUG P BRAKEMN H (980)

TOWNSEND GEO H (981)

Residence (981)

BOYCE PATK (MARJORIE) LAB H (983)

DEIRO CASIMIRO (MARY) CBTMKR H (984)

PUR ID  
Year Uses  
1933 (continued)

Portion-Findings  
(FIM Information Only)

Source

Residence (984)  
Residence (985)  
VERGANO DOMENICO (ADELE) JAN H (986)  
GALLAGHER ANTHONY (MARY) CARETR OKLD (987)  
Residence (987)  
Residence (987)  
Residence (987)  
ROBINO SECONDO H (988)  
Residence (988)  
TURNER WALTER W (ROSA N) MACH H (988A)  
Residence (990)  
DEIRO PAUL (MAMIE) CARP H (992)  
Residence (992)  
Residence (992)  
BROCCHINI PAUL TMSTR H (994)

\*\* 43RD ST Addresses \*\*

BOXLER MARION MRS H (1014)  
Residence (1014)  
Residence (1014)  
CAREY JOHN J (MAE H) ACTING CHF OF POL (1030)  
REED PETER D (BELLE) CARP H (1031)  
SCHUCK NELLIE (WID FRED) H (1031)  
MULLEAVY GREGORY T (DORIS) BALL PLAYER (1032)  
HUTCHINSON JOHN (EDNA) AUTO MECH H (1034)  
Residence (1034)  
Residence (1034)  
RAMPONE MAGG ILORINO (PHILOMENA) GRO (1035)  
Residence (1035)  
HILL ROBT E (LUCILLE) SLSMN H (1037)  
BURG OTTO H (STELLA) POLICE H (1039)  
SHAW THOS D (JENNIE) JAN H (1048)  
ELKINS ELTHEA (WID R F) H (1049)  
Residence (1049)  
CHRISTIE WALLACE H (CHRISTINE) MAYOR C (1050)  
LANCIONE AGNES (WID JOHN) H (1051)  
Residence (1051)  
Residence (1051)  
Residence (1051)  
RADOVICH JOS J (EDNA F) CONCRETEWKR H (1052)  
ASHBROOK SHERWOOD (ELSIE) POLICE H (1053)  
PILIONE VICTOR G (ELVIRA) COAL (1054)  
Residence (1054)



**PUR ID**

**Year    Uses**

1933 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

Residence (1054)  
Residence (1054)  
SCHNITGER WALTER (MELBA) ASST MGR EMER (1055)  
DOWNEY HARRY R (AMELIA) CLK OKLD PO H (1056)  
HIRSCHMAN PHIL SLSMN H (1057)  
MURPHY NELLIE E MRS CLK H (1057)  
Residence (1057)  
Residence (1057)  
Residence (1057)  
Residence (1057)  
Residence (1057)  
HUSERIK HARRY (MILDRED) WOODWKR H (1058)  
Residence (1058)  
CIMALANDO ARMIDO (ANGELINA) CARP H (979)  
GREEN ANNIE J (WID R J) H (982)  
Residence (982)  
DIMARCO LOUIS H (985)  
RACY EARNEST C (HAZEL M) H (985)  
Residence (985)  
TRIBERTI GIOVANI (NATALENA) CHAUF H (987)  
Residence (987)  
BANCHERO LOUIS (MARY) CLK H (990)  
CANTINO JOS GRO (991)  
GAVOTTO MATTEO LAB H REAR (991)  
Residence (991)  
MARCHI FRED (FLORENCE) BARBER H (992)  
TREMAINE GEO J MTRMN H (994)  
CANTINO JOS GRO (999)  
**\*\* ADELINE ST Addresses \*\***  
BENDIXEN THOS J (KATH) GRO (3998)  
APEX ROTAREX MFG CO G B SCHUYLER MGR W (4000)  
MCLELLAND MATTHEW (JOSEPHINE) CARP H (4007)  
FOX FRED (MINNIE) LAB H (4009)  
Residence (4009)  
Residence (4009)  
SALES JACK LAB WPRR H (4011)  
Residence (4011)  
STRATOS HERACLES (ANTIGONE) RESTR (4015)  
Residence (4015)  
ARNOTT RICHD SLSMN H (4060)  
HAHN ANNIE (WID FRED) H (4099)  
CALLMO ANDW (ELIZ) SAW FILER (4102)

**PUR ID**

**Year**    **Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1933 (continued)

FEL MARGUERITA (WID L D) H (4103)  
VENTIMIGLIA FRANK (ANNIE) ICEMKR H (4107)  
BENNETT JOHN D (MARY M) H (4110)  
GOMEZ MANUEL (MAMIE) CLK H (4111)  
Residence (4111)  
Residence (4111)  
Residence (4111)  
LITTLEJOHN ROBT B (ELLEN F) JAN OKLD P (4112)  
HAYNES EDWIN J CLK H (4114)  
Residence (4114)  
Residence (4114)  
ALLINGER RAY (PEARL G) TCHR H (4115)  
COLEMAN JAS T (JESSIE) MSTR MECH PARAF (4119)

**\*\* ESSEX WAY Addresses \*\***

SHUCKS FRED (SUSAN O) LOCKSMTH H (4309)  
SOLOMAN FRED A (HELEN) H (4310)  
Residence (4310)  
SINIFF ROMANO (DORA) LAB H (4311)  
Residence (4311)  
Residence (4311)  
WEST MARGT (WID C H) H (4312)  
Residence (4312)  
VONICH JOHN P (MARIE) H (4313)  
Residence (4313)  
Residence (4313)  
Residence (4313)  
MICKELSON HJALMAR (KATIE) STEVEDORE H (4315)  
NOLAR HAZEL (WID PETER) H (4316)  
WELSH JOHN (ANNE) CHAUF H (4320)  
HANEY PATK S SAW FILER H (4322)  
Residence (4322)  
HANEY WM (ALICE) PILE DRIVER H (4323)  
O DEA FRANK J (CAROLINE) H (4323)  
THOMAYER ADAMS CARP H (4324)  
Residence (4324)  
Residence (4324)  
MANNING AMELIA (WID J J) H (4325)  
LEONARD ISABELLE (WID GEO) H (4327)  
Residence (4327)  
BISHOP SAML A SLSMN H (4328)  
STREET JOHN W (EDITH) COML ARTIST H (4328)  
HOTZEL WM A (VELMA) CARP H (4330)

**PUR ID**

**Year**

**Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1933 (continued)

RENNIE ROBT (MARY) UPHOL H (4332)

FREEMAN ALBT (SYLVIA) H (4334)

Residence (4334)

VIANI ALFD (GLADYS) CLO PRSR H (4336)

**\*\* LINDEN WAY Addresses \*\***

HUTTON EDW J (PEARL C) H (4105)

Residence (4105)

LONG JAS (ANNIE) COOK H (4311)

**\*\* YERBA BUENA AVE Addresses \*\***

JACKSON ELIZ (WID WM) H (1004)

Residence (1004)

Residence (1004)

VELASCO HENRY (CORA B) LAB H (1007)

CLAYTON WM (MARGT) CARP H (1011)

RENSHAW JAS W (ELIZ) LAB H (1014)

LANE ELIZ MRS H (1015)

SMITH BENJ A (MARIETTA) (MESMER-SMITH S (1019)

BOYLE HUGH (SOPHIE) LAB H (1029)

MADDOCK JAS K PLMBR H (1041)

FERDINAND DAVID (ANGELINE) H (965)

Residence (965)

Residence (965)

Residence (965)

FERULLI PETER (TERESA) (GENOVA BAKING (979)

DE BORBA JOAQUIN (ERMA) CHAUF H (983)

GIACOBBI JOHN (MARY) COAL (987)

**\*\* YERBA BUENA ST Addresses \*\***

LYNCH THOS P (EDITH) TOOLMKR H (1043)

**\*\* 41ST ST Addresses \*\***

DUNNE FRANK W CO FRANK W DUNNE PRES T (1001)

BRAMELL CHAS D (MAY) BRAKEMN H (1010)

STURGEON EDGAR C (JANET) DISPR BIGGE D (1010 1/2)

WEBER WM M (ANNIE) FIREMN CITY OF EMBR (1020)

Residence (1058)

MARTIN THOS (GRACE) CLK H (1060)

MCPMAHON FRANK (AGNES) H (1075)

ENOS GABRIEL (BERNICE) COREMKR H (942)

FERRETTI JOS (MARY) H (942)

Residence (942)

Residence (942)

LEONARDI GIUSEPPE LAB H (946)

PISTONI DARIO (MARY) FARMER H (946)

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***Portion-Findings  
(FIM Information Only)***

***Source***

1933 (continued)

MORISON HENRY E (MARY) LAB H (949)  
DORAN A F H (954)  
SMITH PAUL G (PHILOMENE) FURRIER H (954)  
ARISS KNAPP CO B W ARISS PRES W T KNAP (961)  
SINCLAIR ELLEN MRS H (962)  
PRINCE MIGUEL F MUSICIAN H (964)  
Residence (964)  
ISOLA CHAS (LYDIA) H (968)  
CALIFORNIA LINEN SUPPLY CO ISADORE MIL (989)

1938

**\*\* 40TH ST Addresses \*\***

Pacific Telephone

FEAREY R D PLUMBERS (1075)  
GOODMAN GEORGE SHEET METAL WORKS (1075)  
BLANTON HERBERT F R (1097)  
ALLEN JR (951)  
MORGAN AMY R (959)  
MCELHERRON W J MRS R (966)  
CLARK DOUGLAS W R (972)  
CLARK N MRS R (972)  
TYSON E PHILLIP R (978)  
VINCENT ARTHUR E R (978)  
FERRULLI P R (979)  
GILLIO W R (984)  
HIBBS J Q R (990)

**\*\* 42ND AVE Addresses \*\***

WEST COAST TRUCKING CO (1025)  
NUNEMANN H R (1030)

**\*\* 42ND ST Addresses \*\***

LEDFOORD HENRY C R (1071)  
MILLER PETER H R (1075)  
EGAN EMMA MRS R (945)  
SABIN CECELIA M R (947)  
MEYERS HARRY E R (953)  
BACCUS GEO R (956)  
MAZZOLA L R (957)  
DUNN JR (958)  
TRECKEME FRANCES MRS R (962)  
WAGNER E CLYDE R (964)  
GALLAGHER MARY NURSE R (966)  
SWAIN R G R (967)  
CARLEVARO PHILIP R (970)  
ROBINO THERESA R (971)

**PUR ID**

**Year**   **Uses**

1938 (continued)

DEIRO C R (984)

ROSSI JAMES R (985)

GALLAGHER A R (987)

MCDONALD J H MRS R (988)

OME EUGENE R (986A)

DEIRO PAUL R (992)

**\*\* 43RD ST Addresses \*\***

POOL HARLIN W R (1014)

CORREA ARTHUR J R (1031)

MCMULLIN R H R (1032)

JOHNSON HAROLD W R (1033)

HUTCHISON A K R (1034)

KAUFMAN BERTRAM L R (1035)

HALE L G R (1037)

BERG O M R (1039)

SHAW JENNIE S G MRS R (1048)

BARRON WM MRS R (1049)

LACOSTE AL J R (1052)

ORSI JOE R (1054)

SCHNITGER WALTER R (1055)

DOWNEY H R R (1056)

HUNTER NELLIE E R (1058)

MURPHY CLARA MAE R (1058)

CIMALANDO ARMIDO R (979)

GREEN LILLIAN R (985)

JOHNSON ROY E R (985)

TURNER WALTER M R (987)

STROHM RAY R (990)

ROBERTS MIKE R (992)

TREMAINE G J R (994)

CANTINO S GROCERY (999)

**\*\* ADELIN ST Addresses \*\***

AH MEN R (3996)

NATIONAL UPHOLSTERING CO (4000)

OAKLAND CARVING CO (4000)

ELLIS B C R (4009)

SALES J G R (4011)

WILSON OTIS R (4015)

HAHN A C MRS R (4099)

CELLANO A G R (4102)

FEIL L D R (4103)

GARBUTT S R (4107)

**Portion-Findings**  
**(FIM Information Only)**

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**(FIM Information Only)**

**Source**

1938 (continued)

CHANETT L C R (4111)  
MACKENZIE KENNETH H R (4116)  
COLEMAN JAS T R (4119)

**\*\* ESSEX WAY Addresses \*\***

SENOFF ROBERT B R (4308)  
SCHUCK FRED R (4309)  
WEST MARGARET MRS R (4310)  
SENOFF ROMAN R (4311)  
FISHER J TREWHITT R (4312)  
VONICH J P R (4313)  
CUNINGHAM AGNES R (4318)  
ODEN AL R (4321)  
SCHOLZ LOUIS R (4322)  
NOLAN P F R (4323)  
GUERRERO WILFRED R (4324)  
FREESE E A JR R (4325)  
ZYSETT RUTH R (4326)  
KNIGHT JAMES G R (4328)

**\*\* LINDEN WAY Addresses \*\***

EAST BAY MACHINE WORKS (4114)  
LONG ANNIE MRS R (4311)

**\*\* YERBA BUENA AVE Addresses \*\***

VELASCO HENRY MRS R (1007)  
FAUBION W R (1015)  
GIACOBBI J R (987)

**\*\* YERBA BUENA ST Addresses \*\***

JACKSON BESS R (1004)  
CRANE W D R (1011)  
MCMULLEN HILDA R (1029)  
NG SEE R (1043)  
FERDINAND ANN R (965)  
LEAL PETE R (983)

**\*\* 41ST ST Addresses \*\***

STURGEON R A R (1010)  
STURGEON E C R (1010 1/2)  
SEARS JESSIE A R (1016)  
SHARP R E R (1020)  
MARTIN THOS R (1060)  
CITY OFFICES (1070)  
MCMAHON F W R (1075)  
FERRETTI JOE R (942)  
MCMANUS AL R (954)

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**Portion-Findings**  
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**Source**

1938 (continued)

SOHMER W R (954)  
ARISS KNAPP CO (961)  
KNAPP ARISS CO CONTRS (961)  
CALIF LINEN SUPPLY CO (989)  
PEARL LAUNDRY CO (989)

1940    Address not Listed in Research Source

R. L. Polk & Co.

1943    **\*\* 40TH ST Addresses \*\***

R. L. Polk & Co.

LOTTIE TREGONING) (1076)  
FIELD LOET E (951)  
AV GENE M (ELEANOR) MACH (959)  
B DB MECH (966)  
PASTOR LOUIS (THELMA) ELK (972)  
DALE ARTH E (ANNIE) TEL INSTALLER (978)  
48D (982)  
COURT MARIE STEN (984)  
P (984)

MARY MRS (990)  
PAULINE (990)  
REALTY RUTH E MRS CLK HCCCO (990)  
WYLAND MORGAN M SHIPYDWKR (996)

**\*\* 42ND AVE Addresses \*\***

AV FRED C (MARY) (1009)  
L MARCELLA A MRS FCTYWKR (1009)  
MAN FRED ANDERSON) (1021)  
VALDEZ HUERTA (ROSE) LAB (1022)  
1 ROGER (PAULINE) LAB (1026)  
B THOS (MARY) (1028)  
H HATTIE R MRS (1030)  
L EMIL B (VIOLA) MACH (1030)

**\*\* 42ND ST Addresses \*\***

MARJORIE M MRS BEAUTY SHOP (1071)  
HOSP IHIZ MRS (1075)  
GOULART ANTONIO M TLAIYWKR (1086)  
EMERYVILLE (1087)  
BRIGHTEN L LOUIS A USA (945)  
DIERO ALF (EMMA) SHIPYDWKR (947)  
CASSASSA CHAS SHMTLWKR (948)  
AJELLO WIM F (LUCILE) SHMTLWKR (952)  
42D LAWRENCE JAN (957)  
U CHAIN (958)

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1943 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

GER FRANK G (EDITH G) PIPEFTR (959)  
TRIBERTI JOHN (NILDA) WELDER (959)  
10TH NORA F MRS (962)  
NUT WILIS B (HELEN H) MAOH (966)  
0 ROSE MRS EMP MCMCO (967)  
B EVELYN M ELK (967)  
3LET HOMER (MARY SF) RIGGER (972)  
E JAS W (JOSEPHINE) CBTMKR (974)  
E JAS W JR UTSN (974)  
MASSA JAS S JR (CLARA) BOTTLER (980)  
TAYLOR ANDW J (ROSE) EHLPYDWKR (981)  
210 NICK D STEELWKR (982)  
B TERENCE P SHIPYDWKR (983)  
48TH (985)  
48TH JAS ELK (985)  
ORINDA FRANK RESTRWKR (985)  
A CHAS S (ELIZ M) CHIROPDIST (986)  
AV JOHN M STEELWKR (987)  
GEON BDW SHLPYDWKR (987)  
B THOS J (ELLEN) (988)  
HIGHLAND JOE (ANN) (988)  
QUINLEY FANNIE TEL OPR (988)  
SECUNDO ROBINO JAN (988)  
1 OTTO H (LUCILLE) ELK (990)  
**\*\* 42ND C ST Addresses \*\***  
  
PHILIP (FLORA) (970)  
ROBINO CATH (WID JOHN) (971)  
**\*\* 4326A ESSEX ST Addresses \*\***  
  
ELL IRENE L MRS WAITER HCCCO ()  
**\*\* 43RD ST Addresses \*\***  
  
ANTHONY ARTH J (NELLIE) (1031)  
APARTMENTS SYDNEY (PHYLLIS) USN (1032)  
PIED JOHN H (MARJORIE) TMSTR (1034)  
AV CLAUDE B (HELEN) MACH (1035)  
PIED HELEN C FCTYWKR (1035)  
BLVD ROBT C SHIPYDWKR (1036)  
H LEONARD G (EVA) POLICE EPD (1037)  
AV THOS G (1048)  
U THOS JAN EMERYVILLE PUB SCH (1048)  
17TH MARIE A CEREAL WKR (1049)  
LAVINE JOHN OLK (1050)  
DRAKE ORA J (ETHEL) SHIPYDWKR (1053)



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1943 (continued)

**Portion-Findings**  
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**Source**

2030B N MADINE (1055)  
GALLARIN LUCILLE FCTYWKR (1057)  
GALLARIN WM (1057)  
DUANE B ARL (NELL) (1058)  
BLVD EARL I (VIVIAN M) BUS OPR (982)  
B WM J (FRANCES B) (987)  
BLVD FRANCES MRS COOK (987)  
FOOD C RAYMOND (CLAIRE 2) ELK (990)  
TON AUGUSTINO SHIPYDWKR (991)  
TON MARIETTA (WID JULIANA) (991)  
GOONOO JOHN (MARY) WELDER (992)  
CANTINO JOE GRO (999)

**\*\* ADELINE ST Addresses \*\***

B OSCAR 1) DRIVER (3980)  
AV EVERETT (3992)  
R MATHEW (JOSEPHINE A) (4007)  
MOND VARNEY (JUANITA) USN (4009)  
YOUND ELLA (WID L D) (4009)  
SALES GLADYS (4011)  
SALES JOHN G (4011)  
ARTHUR BLVD (4015)  
CARL WOOD CARVER (4040)  
:: WM H (4099)  
43D STEPH (ESTHER) ELK (4107)  
IELEG HUGH MECH PARAFFINE CO S (4107)  
DUNPHY GEO P (MARGT) (4111)  
CO ELLEN (WID R B) (4112)  
AV LOUIS (VIRGINIA) GUARD (4114)  
FAUL GAYLE H MACH OPR (4120)  
M CO (4120)  
TRAZ JOSEPHINE BEAUTY SHOP (4157)  
BAUMHAGGER JESSIE L MRS (4178)

**\*\* ESSEX AVE Addresses \*\***

SON HJALMAR (KATIE) LAB (4315)  
A JOHN P (ANN G) (4320)

**\*\* ESSEX CT Addresses \*\***

H ROMAN (DORA) (4306)  
VONICH MARTIN P (PAULINE) (4313)

**\*\* ESSEX WAY Addresses \*\***

BRUSH FREDK (HELEN) (4310)  
U HELEN W CLK (4310)  
AV MARGT (WID CHAS) (4312)

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**(FIM Information Only)**

**Source**

1943 (continued)

CO (4312)  
MOUS GEO (NORMA) CLK (4312)  
VONICH ELLEN COOK (4313)  
G HAZEL (WID P F) CLK (4316)  
L ALYCE M WRAPPER HCCCO (4316)  
A STANLEY H SHIPYDWKR (4318)  
A JOHN B (4320)  
ODEN EDNA WAITER (4321)  
44 RAYMOND WELDER (4322)  
BARNEY CURTIS T APPR KEY SYSTEM (4322)  
S JESSIE J CLNR (4322)  
CLARA RUSTIN A (4324)  
SILVERIA ALEX J (AMSE) ELBCTN (4324)  
TRUSCOTT AUDREY EMP MCMCO (4325)  
H HERMAN B (MARGT) (4326)  
ING CO (4326)  
H L LEONARD (LA REINE) USA (4327)  
STUART CHAS F (LOIS) USN (4327)  
B KASH (VIDA) SHIPYDWKR (4330)  
MASLONKA ANTONE SHIPYDWKR (4330)  
P PERRY V (PEARL) WELDER (4336)  
CROFT THOAS F (MARION) (4434)

**\*\* YERBA BUENA AVE Addresses \*\***

B BESS F (1004)  
GRAND VICTOR (1014)  
AV BERNARD JR (1019)  
CORP WALTER (HILDA) (1029)  
CORP WALTER JR (1029)  
RB DOROTHY (1029)  
ONG DEW (1043)  
BUENA WM SHIPYDWKR (965)

**\*\* YERBA BUENA WAY Addresses \*\***

FOREST GLADYS S (1041)

**\*\* 41ST ST Addresses \*\***

B (1010)  
BLVD WALTER J (GEORGIA) (1012)  
AV CLYDE T (ETHEL B) CONSTRWKR (1018)  
GUINN JODIE SERV MN KEY SYSTEM (1018)  
PHARES PAUL L MECH KEY SYSTEM (1018)  
SCHLATTER LELAND FCT YWKR (1018)  
AV (1020)  
B ANNA SCHOOL (1070)

**PUR ID**

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**Portion-Findings**  
**(FIM Information Only)**

**Source**

1943 (continued)

17TH BERT C WTCHMN PARAFFINE CO S (1075)  
A BURT C (SUE) (1075)  
AV ROY (RAMONA) LAB (942)  
FERRETTI AIDE DRIVER (942)  
SEE JOS (MARY) JAN (942)  
E DONALD B (MARGT) MBCH (946)  
H MILDRED B MRS (949)  
JACKSON WM E (ETHEL) (954)  
MC MANUS ALEX M CARRIER OKID PO (954)  
SEE FRANK SHIPYDWKR (954)  
V CONTRE (961)  
CLOWES BDW (ANITA) SHIPYDWKR (962)  
RAVAZZA JACK (DOROTHY) MBCH (964)  
MC ADAM ALEX (MARGT) CARP (968)  
TRUMAN JAS P SHIPFTR (968)  
AV VIRGILIO (LENA) FCTYWKR (980)  
E EDW D (ANGELA) LAB (980)

1945

**\*\* 40TH ST Addresses \*\***

FEAREY PLUMBING & HEATING CO (1075)  
BARTON CARL G JR R EMERYVILLE (1097)  
ALLEN JAMES JR R (951)  
MEHI ELEANOR R (959)  
LEAL JOHN R (966)  
CAIOLA ADELINE P R (972)  
VINCENT ARTHUR E R (978)  
GILLIO W R (984)  
HIBBS J Q R (990)  
WYLAND MORGAN W R (996)

**\*\* 42ND ST Addresses \*\***

LEDFORD HENRY C R EMERYVILLE (1071)  
LEDFORD MARJORIE R (1071)  
BATES HUGH W R EMERYVILLE (1075)  
MANN L MRS R (1081)  
RHODES WILLIAM D MRS R EMERYVILLE (1085)  
FARINA FRANK MRS R (1087)  
EGAN EMMA MRS R (945)  
DEIRO ALFRED R (947)  
CASASSA CHARLES R (948)  
AJELLO W F R (952)  
CARTER CLAUDE E R (953)  
BACCUS GEO R (956)

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(FIM Information Only)

Source

1945 (continued)

MAZZOLA L R (957)  
SEKT A A R (959)  
TRIBERTI JOHN R (959)  
FRATES WILLIAM J R (960)  
BARRACO NORA F R (962)  
OGLIETTI FRANK R (963)  
CARLSON NORMAN R (964)  
MCINTYRE WILLIS E R (966)  
QUINN R E R (967)  
CARLEVARO PHILIP R (970)  
DAGGETT VIRGINIA R (972)  
MASSA J S JR R (980)  
GALLAGHER ANDREW J R (981)  
DEIRO C R (984)  
ROSSI JAMES R (985)  
LUND A U R (986)  
CASSIDY EDWARD J R (987)  
GALLAGHER A R (987)  
QUINLAN PHAMIE R (988)  
ANGELL GINO MRS R (988 1/2)  
CASE O H R (990)  
DEIRO PAUL R (994)

**\*\* 43RD ST Addresses \*\***

PHILIPS JOE R EMERYVILLE (1030)  
CORREA ARTHUR J R EMERYVILLE (1031)  
MACNAUGHTON ANDY R (1032)  
JOHNSON HAROLD W R (1033)  
HALE L G R EMERYVILLE (1037)  
BERG O M R (1039)  
GARBUIT J G R EMERYVILLE (1046)  
BARRON WM MRS R EMERYVILLE (1049)  
LENCIONI FRANK R (1051)  
LACOSTE AL J R (1052)  
ROWLEY ETHEL R EMERYVILLE (1053)  
ORSI VIRGINIA M R EMERYVILLE (1054)  
BIANCHINI ARCHIE A R EMERYVILLE (1055)  
DOWNEY H R R EMERYVILLE (1056)  
CAPELLINO FLORENCE D R (1057)  
HUNTER NELLIE E R (1058)  
MULCAHEY LESTER R (979)  
MYERS HARRY E R (980)  
SIMON WM R (987)

**PUR ID**

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1945 (continued)

STROHM RAY R (990)  
MOSESIAN ED R (992)  
TREMINE G J R EMERYVILLE (994)  
CANTINO S GROCERY EMERYVILLE (999)

**\*\* ADELIN ST Addresses \*\***

CHIN BONG R (3992)  
WINTER HARRY R (3996)  
NATIONAL UPHOLSTERING CO (4000)  
PATTERSON ADEANE R EMERYVILLE (4009)  
WILSON OTIS R EMERYVILLE (4015)  
CELLANO A G R (4102)  
SOLOMAN FRED A CAPT R (4103)  
GARBUIT S R EMERYVILLE (4107)  
DUNPHY GEORGE P R (4111)  
REGALLIE WM R EMERYVILLE (4115)  
WADE W C R (4118)  
CHARBONNIER M R EMERYVILLE (4119)  
WORKS BEN R (4120)

**\*\* YERBA BUENA AVE Addresses \*\***

CHAN W F R (1001)  
VELASCO HENRY MRS R (1007)  
PERMAN H MRS R (1011)  
KENT MCKENNIS R (1019)  
LEAL PETE R (983)  
GIACOBBI J R (987)

**\*\* 41ST ST Addresses \*\***

CLYDE MOWDY PRINTING CO PLEASANTON (1000)  
STURGEON E C R EMERYVILLE (1010 1/2)  
MULLIGAN EDW W R EMERYVILLE (1017)  
FORD ETHEL R EMERYVILLE (1018)  
TEGLIA LILLIAN R (1020)  
MARTIN THOS R (1060)  
CITY OFFICES (1070)  
ELLIS B C R (1075)  
FERRETTI JOE R (942)  
STERLING DONALD B R (946)  
RILLO WM A R (946 1/2)  
MADILL GERTRUDE M R (954)  
MCMANUS AL R (954)  
SOHMER W R (954)  
ARISS-KNAPP CO OFC & YD (961)  
KNAPP-ARISS CO CONTRS (961)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

**PUR ID**

**Year**    **Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1945 (continued)

SINCLAIR ELLEN R (962)  
DIAS V R (980)  
CALIF LINEN SUPPLY CO (989)  
MILLER FRANK CALIF LINEN SUPPLY CO (989)  
MILLER SIDNEY CALIFORNIA LINEN SUPPLY (989)

1946    Address not Listed in Research Source

R. L. Polk & Co.

1950    **\*\* 42ND Addresses \*\***

THE PACIFIC TELEPHONE & TELEGR

RHODES WILLIAM D MRS R (1085)

**\*\* 43RD Addresses \*\***

PHILIPS JOE R (1030)  
BROWN A E R (1033)  
HALE L G R (1037)  
FULLER MADELINE R (1049)  
PRATER JOHN R (1049)  
MC GAVIN D G R (1051)  
MEEKS GENE R (1051)  
BLACKBURN RALPH G R (1053)  
POLL FRANK R (1053)  
BOVO ARTHUR R (1054)  
DOWNEY H R R (1056)  
CANTINO S GROCERY (999)

**\*\* ADELINE ST Addresses \*\***

CHINESE KITCHEN MOON S RSTRNT (3986)  
TSO MOON R (3988)  
CHIN BONG R (3990)  
LEO FAIRNY BEAUTY SHOP (3992)  
WINTER HARRY R (3994)  
NATIONAL UPHOLSTERING CO (4000)  
DISNEY HOWARD R (4007)  
BAR INGER THIOS S R (4011)  
WILSON OTIS R (4015)  
OAKLAND CARVING CO (4040)  
SCHOW W B R (4099)  
CELLANO A G R (4102)  
BATTAGLIA AUNN R (4103)  
HENDERSON LASSIE MRS R (4103)  
PAGE CHAS R (4103)  
TALBOTT LYLE R EMERYVILLE PID HEST (4103)  
CRISTIANI ALBERT R (4107)  
DUNPHY GEORGE P R (4111)

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1950 (continued)

FORD ETHEL R (4114)

REGALLIE WM R (4115)

CUMMINGS E B R (4119)

ABEYTA STEVE R (4120)

**\*\* ESSEX CT Addresses \*\***

HENDERSON VIOLA MRS R (4322)

**\*\* ESSEX WAY Addresses \*\***

JANVIER L W R (4306)

GUNARI LESTER R (4315)

WINGER STANLEY R (4316)

HOHNEKE ELLA R (4320)

FITZGERALD BROS DAIRY PRODS (4321)

MAXON MARGERET R (4325)

PHELAN LILLIAN R (4326)

NILSSON ALF BELL R (4327)

KNIGHT JAS G R (4330)

QUAGLIA A R (4336)

**\*\* YERBA BUENA AVE Addresses \*\***

SMITH HAILLE Q R (1001)

VEHASCO HENRY MRS R (1007)

HEWITT HEULON R (1014)

WARD ERNESTINE R (1014)

RASMUS WM R (1015)

BUILOCKS E R (1019)

GREGOIRE E L MRS R (1019)

KENIT MCL(ENNIS R (1019)

WANG EDGAR R (979)

LILLY GERALDINE MRS R (983)

GIACOBBI J R (987)

**\*\* 41ST Addresses \*\***

DEMING NORMAN R (1020)

CITY HALL (1070)

1951   Address not Listed in Research Source

R. L. Polk & Co.

1954   Address not Listed in Research Source

R. L. POLK & CO.

1955   **\*\* 40TH ST Addresses \*\***

R. L. Polk & Co.

MARCOS AMADO (1001)

FEAREY PLUMBING & HEATING CO (1075)

MEEKS E R   EMERYVILLE (1097)

ARISS-KNAPP CO OFC & YD (950)

KNAPP-ARISS CO OFC & YD (950)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

**PUR ID**

**Year**   **Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1955 (continued)

ALLEN JAS SR R (951)  
ASHLEY JIMMIE (953)  
DAVIS WILLIE D R (959)  
THORNTON CHARLIE (966)  
SMITH CARMELLA (972)  
NEAL ARTIS R (978)  
ROBINSON NATHANEL (984)  
DESHONG N H PARAMOUNT PAINTNG CO (989)  
PARAMOUNT PAINTING CO (989)  
ROCHELLE RUBY R (990)

**\*\* ADELINE ST Addresses \*\***

CHINESE KITCHEN MOON S RSTRNT EMERYV (3986)  
MOON S CHINESE KITCHEN EMERYVILLE (3986)  
TSO MOON (3988)  
CHIN BONG R EMERYVILLE (3990)  
NG JENNIE EMERYVILLE (3992)  
ACME PHOTO SERVICE EMERYVILLE (3996)  
NATIONAL UPHOLSTERING CO (4000)  
COX FLOYD EMERYVILLE (4003)  
ROSS JEWEL MRS EMERYVILLE (4005)  
MCELLIGOTT MAE MRS EMERYVILLE (4007)  
BARINGER THOS S EMERYVILLE (4011)  
WILSON S PLACE EMERYVILLE (4015)  
OAKLAND CARVING CO EMERYVILLE (4040)  
MCINTOSH ROBT B EMERYVILLE (4099)  
CELLANO A G R (4102)  
WONG WALLACE T EMERYVILLE (4103)  
WOOD JAS J MRS EMERYVILLE (4103)  
CRISTIANI ALBERT R EMERYVILLE (4107)  
DUNPHY GEORGE P R (4111)  
CRISTIANI C EMERYVILLE (4112)  
BURSON A MRS EMERYVILLE (4114)  
FITZGERALD RAYMOND H EMERYVILLE (4115)  
EDWARDS VIOLET MRS EMERYVILLE (4116)  
LUPTON J E EMERYVILLE (4118)  
ZAMARELLI JAS EMERYVILLE (4119)  
CHRISTIAN ALFRED EMERYVILLE (4119A)  
ABEYTA STEVE R EMERYVILLE (4120)

**\*\* YERBA BUENA AVE Addresses \*\***

SMITH HALLIE Q R (1001)  
PHILLIPS CLOTIE R (1004)  
VELASCO HENRY MRS R (1007)



**PUR ID**

**Year    Uses**

1955 (continued)

MALVEAUX ALICE R (1011)  
BRACKINS CLARA (1011 1/2)  
HEWITT HEULON EMERYVILLE (1014)  
RASMUS WM R (1015)  
FORD DORA (1019)  
KENT GERTRUDE (1019)  
KENT MCKENNIS (1019)  
WILLIAMS MARY (1019)  
MCMULLEN HILDA (1029)  
GILRAIN J J CO INC PAINTNG (1033)  
MORRISON JOS R (1041)  
FERDINAND WM (965)  
HUTCHINSON HARRY A (979)

CASTLE W R (983)

**\*\* 41ST ST Addresses \*\***

DEMING NORMAN EMERYVILLE (1020)  
SMITH EDNA R EMERYVILLE (1060)  
CITY OFFICES (1070)  
ELLIS B C R (1075)  
FERRETTI MARIA (942)  
FERRETTI A R R (942 1/2)  
FRANK DORIS (946)  
MOORE EDDIE (946 1/2)  
TRACY PETER (949)  
BAKER MARJORIE (954)  
HOLLAND CORINE (954)  
SMITH JESSE (954)  
SINCLAIR ELENA (964)  
JONES GLADSTONE J R (968)  
WALKER JAS (980)  
ACORN LINEN SUPPLY CO (989)  
CALIFORNIA LINEN SUPPLY CO (989)  
MILLER FRANK CALIF LINEN SUPPLY CO (989)  
MILLER SIDNEY CALIF LINEN SUPPLY CO (989)

1956    Address not Listed in Research Source

PACIFIC TELEPHONE

1959    Address not Listed in Research Source

R. L. Polk & Co.

1960    Address not Listed in Research Source

PACIFIC TELEPHONE

1962    **\*\* 40TH ST Addresses \*\***

Pacific Telephone

MARCOS AMADO (1001)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

***PUR ID***

***Year Uses***

***Portion-Findings  
(FIM Information Only)***

***Source***

1962 (continued)

FEAREY PLUMBING & HEATING CO (1075)  
MEEKS ER (1095)  
CADEMARTORI R L TRUCKING CO (950)  
LLOYD GEORGE F TRANSPORTATION CO INC (950)  
ALLEN BERNICE (951)  
MC CLOUD WM MRS (953)  
PRAAIA MAEL (953)  
SCOTT ALZADA M (955)  
LEE MAR (959)  
MAR CHAN (959)  
THORNTON CHARLIE (966)  
STEWART CATHERINE (984)  
SAFE WAY ELECTRIC INC (989)  
ROCHELLE RUBY (990)

***\*\* 42ND Addresses \*\****

HOBBS BATTERY SALES DIVISION OF GOULDN (1000)  
FARINA FRANK MRS (1087)  
GRAVES LEROY C (948)  
CYRUS DAVID (953)  
BACCUS GEO (956)  
GREEN MATILDA SCROGGLNS (957)  
ISOLA EMILE (959)  
FRATES WM J (960)  
KELLY JAS L (962)  
OGLIETTI FRANK (963)  
CARLSON NORMAN (964)  
CARVALHO GERALD (967)  
CARLEVARO PHILIP (970)  
ROBINO L MRS (971)  
GUTTRIDGE ED (974)  
BRONDOLO ANGELINA (980)  
MULLINE R (983)  
DEIRO C (984)  
SEARLCH VINCENT (985)  
YEAGER CLYDE (985)  
SOITO ELIZABETH B (986)  
CASSIDY MARY M (987)  
WHITE LACINA (988)  
HUNTER MURGE (990)  
FEY LEATHIE (992)  
MOSS MARY E (992)  
KNIIGHT HARRY C JR KNIGHT BROS (999)

**PUR ID**

**Year**    **Uses**

1962 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

KNIGHT BROTHERS (999)

KNIGHT RICHARD F ITNINLIT BROS (999)

**\*\* 43RD Addresses \*\***

ROTHSCHILD JULIUS & CO (1000)

PEDRICK PISTON RINGS GOULD NATL ENG PT (1001)

WHITE MACH WKS GOULD NATI ENG PTS DIV (1001)

P PAGETT GEO M (1014)

GRIFFITH FORREST (1031)

KAUFMAN BERTRAM L (1035)

KAUFMAN CARITA J (1035)

LARSEN WALTER E (1037)

ASHBROOK SHERWOOD B (1048)

BOND MAMIE (1051)

LACOSTE AL J (1052)

DEIRO ALFRED (1054)

WOLBERT G N (1055)

SMITH EULIS (987)

SMITH WANDA A (987)

OLIVEIRA JOHN H (989)

POEZO JOE (990)

LEON CLAUDELL (992)

LEON SADIE (992)

DUTROW JOANNE (993)

TYLER ELEANOR N (998)

DEIRO S GROCERY (999)

**\*\* ADELINE ST Addresses \*\***

CHINESE KITCHEN MOON S RSTRNT (3986)

MOON S CHINESE KITCHEN (3986)

TSO MUON (3988)

CHIN BONG (3990)

PERKINS AUDREY (3992)

NATIONAL UPHOLSTERING CO (4000)

ROSS JEWEL MRS (4005)

ROSS JOLHA (4005)

NICITARAS NICK (4015)

OAKLAND CARVING CO (4040)

CELLANO VIRGINIA (4102)

DUNOWA FLORA (4111)

CRISTLANI C (4112)

VAN SICKLE BARBARA (4118)

VAN SICKLE IMA (4118)

MONTOYA ERNEST (4120)

**PUR ID**

Year    Uses

1962 (continued)

**Portion-Findings**  
**(FIM Information Only)**

Source

**\*\* ESSEX AVE Addresses \*\***

CAPELLINO FLORENCE D (04313)  
WINGER ALAN R (4316)  
HORTON EARL M (4320)  
HENDERSON VIOLA MRS (4322)  
RAMLREZ TERESA (4330)

**\*\* ESSEX CT Addresses \*\***

EMERY ROBT (4309)  
BALANGERO L (4315)  
DOLBY I MRS (4321)  
GAY JOHNNY (4321)  
BROADER MONA (4326)  
HEMSWORTH W G (4334)  
LORENTZ A T & CO (4344)

**\*\* ESSEX WAY Addresses \*\***

CEBOLLERO F R (4311)

**\*\* LINDEN WAY Addresses \*\***

STAINLESS POLISHING CORP (4055)

**\*\* YERBA BUENA AVE Addresses \*\***

DAVIS WAVERLY A (1001)  
RASMUS WM R (1015)  
CLERK PALMER LEE (1019)  
FORD DORA (1019)  
ROBINSON MATTLE MRS (1029)  
GILRAIN J J CO INC PAINTNG (1033)  
DAVIS ALICE (961)  
DAVIS JACKSON (961)  
FERGUSON CHESTER (961)  
FERGUSON JANNIE CROME (961)  
HOLMES GLADYS (961)  
HOMES GLADYS (961)  
KIRTMAN PAT (961)  
RICHARDSON WERNER R (961)  
RYAN GLORIA (961)  
RYAN JOHN F (961)  
SUNS BESSIE (961)  
BARRICADE & WARNING LITE CO (967)  
NEO FLASHER SALES & SERVICE CO (967)  
HUTCHINSON CHARLOTTE MRS (979)  
WING H PLASTER BOARD JOINT FINISHING (987)

**\*\* YERFAA BUENA AVE Addresses \*\***

TERRELL WILFORD (961)

**PUR ID**

**Year    Uses**

1962 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

**\*\* 41ST AVE Addresses \*\***

GARCIA JUAN (942)

**\*\* 41ST ST Addresses \*\***

CENTER (1070)

ARTAXET FRANK (1075)

JAMES LEON (946)

BECK MAMIE B MRS (954)

SMITH JESSE (954)

SINCLAIR ELENA (964)

ROBERTS JAMES E CO (980)

ACORN LINEN SUPPLY CO INC (989)

CALIF LINEN SUPPLY CO INC (989)

CALRF TOWEL & LINEN SUPPLY CO INC (989)

MILLER FRANK (989)

MILLER SIDNEY CALIF LINEN SUPPLY CO INC (989)

1965    Address not Listed in Research Source

R. L. POLK & CO.

1967    **\*\* ADELINE ST Addresses \*\***

R. L. POLK & CO.

NATIONAL UPHOLSTERING CO (4000)

**\*\* LINDEN ST Addresses \*\***

PLSHR (4055)

STAINLESS POLISHING COPP MTL (4055)

AIR COMPRESSOR SALES CO OLS2434 (4114)

**\*\* YERBA BUENA AVE Addresses \*\***

SUMMERSVILLE JESSIE MRS (1001)

JOHNSON SAM (1004)

WILLIAMS EDGAR (1007)

QUESADA DAVID (1011)

KEITH E O REV (1014)

RASMUS WM (1015)

JONES GEORGE (1019)

ROBINSON MATTIE G (1029)

GILPAIN J J CO PAINTING CONTR (1033)

VACANT (955)

VACANT (961)

A MILES EDW L (965)

APARTMENTS (965)

C BOOKER LEON M (965)

CARROLL WALTER H (965)

G BUSH JO A MISS (965)

CUSTOM APPLIANCE SERVICE CO (967)

**PUR ID**

**Year    Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1967 (continued)

HUTCHINSON CHARLOTTE MRS (979)

WINGARD BEN (987)

**\*\* 41ST ST Addresses \*\***

BELL EDW (1073)

NIST EDW G (1073)

GARCIA JUAN (942)

HENSLEY HAZEL MRS (946)

WILLIAMS P JESSIE MRS (948)

A STEWART JAMES (949)

APARTMENTS (949)

B JOHNSON EMMA B MRS (949)

C BARBER BERNIE W (949)

O LOWELL BEATRICE (949)

CLEVELAND LAUREN (954)

JOSHUA WILLIE C (954)

CALIFORNIA LINEN SUPPLY GARAGE (955)

SAUNDERS RICH D W (962)

SINCLAIR ELENA R (964)

ALLEN RU 81 N (968)

ROBERTS JAMES E CO BLOG CONTR (980)

CALIFORNIA LINEN SUPPLY CO (989)

LINEN SERV (989)

1970

**\*\* 40TH ST Addresses \*\***

IN SPEC MANUFACTURING (1000)

HILL MARGO (1001)

OHIO FERRO ALLOYS CO (1050)

PAC GRAPHITE CO INC (1050)

ABLE SUPPLY (1070)

FIDELITY ROOF CO (1075)

WIDMER CORP (1075)

MAATZ ENGINEERING INC (1076)

MEEKS ER EMERYVILLE (1095)

DYNES LEONARD (945)

HALL W J (945)

JACKSON KEN (945)

WATKINS MARGIE (945)

CADEMARTORI R L TRUCKING CO (950)

ALLEN BERNICE (951)

MC CLOUD WM MRS (953)

PRADIA MABEL (953)

SCOTT ALZADA M (955)

R. L. POLK & CO.

**PUR ID**  
**Year**    **Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1970 (continued)

THORNTON CHARLIE (966)  
HLT JOHN C (972)  
NEAL RENELL (978)  
STEWART CATHERINE (984)  
SAFE WAY ELECTRIC INC (989)

**\*\* 42ND Addresses \*\***

REALASTIC INDUSTRIES (1000)  
BOWEN VERNON B EMERYVILLE (1087)  
WARD ROBT E EMERYVILLE (1087)  
GIBBS MORRIS M (945)  
ARNOLD LEOLA (947)  
LAGOMARSINO KATE MRS (952)  
CYRUS DAVID (953)  
CHILDS A M (956)  
GREEN MATILDA SCROGGINS (957)  
ISOLA EMILE (959)  
TELLERSON ARTHUR (959)  
KELLY JAS L (962)  
OGLIETTI FRANK (963)  
CARLSON NORMAN (964)  
ANDREZAK CHARLIE (966)  
CARVALHO GERALD (967)  
CARLEVARO PHILIP (970)  
WEATHERFORD WM JR (971)  
REATEGUI NELSON (974)  
BRONDOLO ANGELINA (980)  
CASSIDY MARY M (983)  
DEIRO C (984)  
RAMIREZ REYNOL (985)  
SOITO ELIZABETH B (986)  
WILSON RONALD S (987)  
GARCIA ALFRED DIMAS (988)  
HEWITT BEATRICE (988)  
BUTLER JOS (990)  
KNIGHT BROTHERS (999)  
KNIGHT HARRY C JR KNIGHT BROTHERS (999)

**\*\* 43RD Addresses \*\***

ROTHSCHILD JULIUS & CO (1000)  
PAGGIP EMERYVILLE (1014)  
HOLT CHARLEY EMERYVILLE (1030)  
ABEYTA STEVE EMERYVILLE (1031)  
BOYD VERNE J EMERYVILLE (1032)

**PUR ID**

**Year    Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1970 (continued)

KAUFMAN LAWRENCE J EMERYVILLE (1033)  
SELF S L EMERYVILLE (1033)  
STROUD MICHAEL C EMERYVILLE (1033)  
BATTEN LEEOTA EMERYVILLE (1034)  
KAUFMAN BERTRAM L EMERYVILLE (1035)  
ASHBROOK SHERWOOD B EMERYVILLE (1048)  
BOYLE MAE EMERYVILLE (1049)  
PARTON GENEVIE EMERYVILLE (1049)  
DAVIS KENNETH L EMERYVILLE (1049A)  
KYRIAKOPOULOS ARGYRIOS EMERYVILLE (1051)  
PHILLIPS FRANK EMERYVILLE (1051)  
LACOSTE AL J EMERYVILLE (1052)  
ALFARO ARISTEO JOE JR EMERYVILLE (1053)  
DHILLON DHARAMPALSINGH EMERYVILLE (1053)  
BURKE THOS J EMERYVILLE (1054)  
WITSCHEL E EMERYVILLE (1056)  
HUNTER N E EMERYVILLE (1058)  
LINDSEY DOROTHY (979)  
CHAMBERS WILL (982)  
DAVIS JOS E (985)  
KILLINGS MAUDESS MRS (985)  
CRIER DORA L (987)  
MARTIN LORRAIN MRS (989)  
PONZO EDW (990)  
PONZO JOE (990)  
TATE B (991)  
WEBSTER DONNA RENAE (992)  
GARLAND EDNA (993)  
TAYLOR HENRY (994)  
**\*\* ADELINE ST Addresses \*\***

CHINESE KITCHEN MOON S RESTRNT EMERY (3986)  
MOON S CHINESE KITCHEN EMERYVILLE (3986)  
TSO MOON EMERYVILLE (3988)  
CHIN BONG EMERYVILLE (3990)  
OIL CHEMICAL & ATOMIC WORKERS IU-AFL-C (3996)  
NATL UPHOLSTERING CO (4000)  
TAYLOR RITA EMERYVILLE (4003)  
NICITARAS NICK EMERYVILLE (4009)  
PIMENTEL JO ANN EMERYVILLE (4011)  
NICITARAS NICK EMERYVILLE (4015)  
CELLANO VIRGINIA (4102)  
CRISTIANI C EMERYVILLE (4112)



**PUR ID**

**Year    Uses**

1970 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

BURSON A MRS EMERYVILLE (4114)  
FITZGERALD RAYMOND H EMERYVILLE (4115)  
RAMOS MARIO EMERYVILLE (4116)  
CAPORICCI G M EMERYVILLE (4119)

**\*\* ESSEX AVE Addresses \*\***

DURHAM MARK (4327)

**\*\* ESSEX WAY Addresses \*\***

FRY JESSIE L EMERYVILLE (4304)  
EMERY ROBT EMERYVILLE (4309)  
HARGROVE M EMERYVILLE (4310B)  
CEBOLLERO FRANK D EMERYVILLE (4311)  
BLUE ARTHUR E EMERYVILLE (4312)  
CAPELLINO FLORENCE D EMERYVILLE (4313)  
BALANGERO L EMERYVILLE (4315)  
HERSEY L EMERYVILLE (4315)  
WINGER STANLEY EMERYVILLE (4316)  
WINGER WM N EMERYVILLE (4316)  
CRAUTHERS NOEL EMERYVILLE (4318)  
CORRAL RAUL EMERYVILLE (4318A)  
TORRE GAYLE EMERYVILLE (4320)  
VERY JUDY EMERYVILLE (4320)  
WARNER DEBRA EMERYVILLE (4320)  
DOLBY I MRS EMERYVILLE (4321)  
HENDERSON VIOLA MRS EMERYVILLE (4322)  
SANDERS DOYLE EMERYVILLE (4322 1/2)  
WILLIAMS RICHARD E EMERYVILLE (4323)  
CROSS THERESA EMERYVILLE (4325A)  
KNIGHT GROVER C EMERYVILLE (4326A)  
MCKITTRICK MARY JO EMERYVILLE (4328)  
BROWDER MONA EMERYVILLE (4334)  
HEMMITT LAURA T EMERYVILLE (4343)  
LYLES LARRY EARL EMERYVILLE (4343)  
MORGAN M J EMERYVILLE (4343)  
SANDLES JAS EMERYVILLE (4343)  
PORTUGAL GEO EMERYVILLE (4344)

**\*\* LINDEN WAY Addresses \*\***

STAINLESS POLISHING CORP (4055)  
WESTOAK MACHINE CORP (4055)  
JOYCE R (4114D)

**\*\* YERBA BUENA AVE Addresses \*\***

PULLOM CEASER (1001)  
SOMERVILLE CLEVELAND (1001)

**PUR ID**

**Year    Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1970 (continued)

WILLIAMS EUNICE (1007)  
WIDMER CORP (1010)  
MALVEAUX ALICE (1011)  
GRAY ALBERTA (1011 1/2)  
THOMAS J M (1011 1/2)  
GRIMES FRED (1014)  
RASMUS WM (1015)  
ANDERSON ERIC F INC GENL CONTRS (1033)  
CHEATHAM WM B (961)  
GRAHAM WILSON LARRY (961)  
JORDAN ISSAC SR (961)  
LANCASTER A V (961)  
SIVERAND JAS C (961)  
YOUNG ISAAH (961)  
CARROLL EVA C (965)  
CARROLL WALTER H (965)  
GROVES EDW L (965)  
MILES D M (965)  
CUSTOM APPLIANCE SERVICE CO (967)  
HUTCHINSON CHARLOTTE MRS (979)  
BURKS IVORY (987)  
WINGARD ROSIE B (987)  
**\*\* 41ST ST Addresses \*\***  
EMERYVILLE CITY OF (1070)  
BELL ERNEST EMERYVILLE (1073)  
NIST EDW EMERYVILLE (1073)  
ARTAXET FRANK EMERYVILLE (1075)  
WILLIAMS HERMAN (942)  
HENSLEY HAZEL (946)  
WILLIAMS LETHIA C (946)  
DANIELS WM JR (949)  
RILEY THELMA (949)  
DAVIS FRANK (954)  
WHEELOCK LAURENA (954)  
SAUNDERS RICHARD W (962)  
ALLEN RUBIN (968)  
ROBERTS JAMES E CO (980)  
ACORN LINEN SUPPLY CO INC (989)  
CALIF TOWEL & LINEN SUPPLY CO INC (989)  
CALIFORNIA LINEN SUPPLY CO INC (989)  
CALIFORNIA LINENS SUPPLY CO INC (989)  
MILLER FRANK CALIFORNIA LINEN SUPPLY C (989)

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**Year   Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1970 (continued)

PEERLESS LINEN & TOWEL SERVICE (989)

1973

**\*\* 41ST Addresses \*\***

CALIFORNIA LINEN SUPPLY CO INC (989)

PEERLESS LINEN & TOWEL SERVICE (989)

R. L. POLK & CO.

1975

**\*\* 40TH ST Addresses \*\***

FIDELITY ROOF CO (1075)

MAATZ ENGINEERING INC (1076)

MBEKS B R (1095)

BRAY DORIS (950)

HARRIS DOROTHY J (950)

MILLER THOS (950)

NEWTON CHRISTINA (950)

ALLEN BERNICE (951)

MC CLOUD WM MRS (953)

JACKSON PAUL (955)

HILT JOHN C (972)

BARBER ELECTRIC (989)

**\*\* 41T ST Addresses \*\***

EDWARDS GEARGIA P (954)

**\*\* 42ND AVE Addresses \*\***

GONSALVES JOHN (1077)

CASSELL THOS (1086)

HEALEY D H (1090)

**\*\* 42ND ST Addresses \*\***

GOLDEN WEST MATERIALS HANDLING INC (1000)

L V C LOW VOLTAGE CONTROL (1000)

ARNOLD LEOLA (947)

CYRUS DAVID (953)

GREEN MATILDA SCROGGINS (957)

ISOLA EMILE (959)

EL ENCANTO (962)

CARVALHO GERALD (967)

CARLEVARO PHILIP (970)

BRON L (980)

CASSIDY M M (983)

MARTINEZ ESTELA (985)

HELWITT (988)

HILL ABRAHAM D (988)

MURDOCK V (988)

BUTLER JOS (990)

PACIFIC TELEPHONE

**PUR ID**  
**Year**    **Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1975 (continued)

KNIGHT HARRY C JR KNIGHT BROTHERS INC (999)

**\*\* 43RD ST Addresses \*\***

PAGGI P (1014)

CIZEK EVA (1033)

HUSTON KENNETH C (1033)

KAUFMAN BERTRAM L (1035)

ASHBROOK SHERWOOD B (1048)

DALZELL PAUL R (1050)

JASSAR SIKANDER S (1051)

LACOSTE JOHN B (1052)

ALFARO ARISTEO JOE JR (1053)

DEOL BHAG SINGH (1053)

BURKE THOS J (1054)

BRADLEY WM (985)

MC DADE MARYJANE (987)

MARTIN LORRAIN MRS (989)

PONZO JOE (990)

**\*\* ADELINE ST Addresses \*\***

CHINESE KITCHEN MOON S RESTMT (3986)

MOON S CHINESE KITCHEN (3986)

CHIN BONG (3990)

NAT I UPHOLSTERING CO (4000)

ARMSTRONG RITA (4003)

HOFFMAN OPAL (4007)

NICTARAS NICK (4009)

NICTARAS NICK (4015)

ARTHUR J C (4119)

**\*\* ESSEX AVE Addresses \*\***

GILL JAMEL SINGH (4332)

GILBERT ETHELYN M (4343)

**\*\* ESSEX WAY Addresses \*\***

CAPELLINO FLORENCE D (4313)

BALANGERO L (4315)

ORONA THOS (4318)

DOLBY I MRS (4321)

HENDERSON FELIX E (4322)

ANDREWS PATRICK R (4325)

BROWDER MONA (4334)

KNIGILT GROVER C (4336)

KENNEDY A D (4344)

**\*\* LINDEN CT Addresses \*\***

ELECTRA MUSE (4009)

**PUR ID**

**Year Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1975 (continued)

ALL-WEATHER ARCHITECTURAL ALUMINUM INC (4055)

**\*\* YERBA BUENA AVE Addresses \*\***

ANDERSON ERIC F INC GENI CONTRS (1033)

CARROLL EVA C (965)

CUSTOM APPLIANCE TRUCKING (967)

HUTCHINSON CHARLOTTE MRS (979)

**\*\* 41ST ST Addresses \*\***

MILLER ROBT B (1009)

CASTRO MARIA MERCED (1071)

BELL ERNEST (1073)

ARTAXET FRANK (1075)

HALL ELICE C MRS (940)

BRANDON CAROL (949)

JACKSON GRACE (954)

FORREST DORIS B (964)

MILLER PFRANK CALIFORNIA LINEN SUPPLY (989)

1976

**\*\* 41ST Addresses \*\***

R. L. POLK & CO.

CALIFORNIA LINEN SUPPLY CO INC (989)

1979

**\*\* 41ST Addresses \*\***

R. L. POLK & CO.

CAL IFORNIA LINEN SUPPLY CO INC (989)

1980

**\*\* 40T ST Addresses \*\***

PACIFIC TELEPHONE

EPPS CLIBRYL (950)

**\*\* 40TH ST Addresses \*\***

ACE MACHINE CO (1000)

GOURMET FROZEN FOODS (1050)

CTILISON BRIAN (1075)

FIDELITY ROOF CO (1075)

MAATZ ENGINEERING INC (1076)

MEEKS E R (1095)

MILES D M (945)

GEORGE WILLIE (950)

HARBIN F (950)

MC CLOUD WM MRS (953)

HILT JOHN C (972)

AARON RENTALS & SALES (989)

**\*\* 42ND AVE Addresses \*\***

JACKSON SUN YEA (1049)

CASUGA MARIETTA P (1052)

CASUGA YOLANDA (1052)

**PUR ID**

**Year    Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1980 (continued)

JARRELL WILLARD R (1054)

DOYLE JOHN L (1060)

BRANNON FRANK (1080)

CROWE GEO (1084)

HENLEY D H (1090)

**\*\* 42ND ST Addresses \*\***

PARKS E J (1087)

GREEN MATILDA SCROGGINS (957)

ISOLA EMLE (959)

PALMER DON L (963)

CARVAHO GERALD (967)

CARLEVARO PHILIP (970)

PANNEL LINCOLN E (981)

GUERRA JOB & JAMI (983)

MARTINEZ ESTELA (985)

HILL ABRAHAM D (988)

KNIGHT BROTHERS INC (999)

KNIGHT RICHARD F KNIGHT BROTHERS INC (999)

**\*\* 43RD ST Addresses \*\***

KAUFMAN BERTRAM L (1035)

GAMBRELL MACK (1048)

CRINER PEARL (1054)

GILL AMARTEL (1057)

OROZCO FERNANDO (982)

CLAYBOURNE DENNIS (985)

MARTIN LORRAIN MRS (989)

**\*\* ADELINE ST Addresses \*\***

MOON S CHINESE KITCHEN (3986)

CHIN BONQ (3990)

NATI UPHOLSTERING CO (4000)

HARPER KENNETH (4007)

NICITARAS NICK (4015)

DUNNE FRANK W CO (4050)

CHARD ALAN D (4102)

ARTHUR J C (4119)

**\*\* ESSEX WAY Addresses \*\***

MILTON JESSIE L (4304)

PENIX GEO W (4309)

CUEPE INO FLORENCE D (4313)

PAGAN J H (4321)

**\*\* LINDEN CT Addresses \*\***

ALL WEATHER ARCHITECTURAL ALUMINUM INC (4055)

**PUR ID**  
**Year**    **Uses**  
1980 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

**\*\* LINDEN WAY Addresses \*\***

FRENCH GEO F (4009)

FRANKLIN RESEARCH (4109)

**\*\* YERBA BUENA AVE Addresses \*\***

ANDERSON ERIC F INC GENI CONTRS (1033)

HANTS LA BLANCHE (961)

HUTCHINSON CHARLOTTE MRS (979)

**\*\* YNRBA BEENA AVE Addresses \*\***

CUSTOM APP IANCE TRUCKING (967)

**\*\* 41ST ST Addresses \*\***

KLEIN DAVID L (1073)

DEAN SIDDEEQ KAMARUD (948)

KULLAR PARMULT (949)

DUNBAR WILLIE (954)

ALLAN SANDRA (968)

CALIFORNIA LINEN SUPPLY CO INC (989)

MILLER FRANK CALIFORNIA LINEH SUPPLY (989)

1982    **\*\* 41ST ST Addresses \*\***

CALIFORNIA LINEN SUPPLY CO INC OAKL (989)

R. L. POLK & CO.

1984    Address not Listed in Research Source

PACIFIC BELL

1986    **\*\* 40TH ST Addresses \*\***

HUCKINS JOEL (1050)

FIDELITY ROOF CO 63 (1075)

FIDELITY SHRIBER ROOF CO (1075)

JOE S GARAGE (1075)

HUGHES R S CO INC (1076)

MILES D M (945)

BRIDGES IVA M (950)

BRUMFIELD JOHNNIE (950)

EPPE CHERYL JEAN (950)

GEORGE WILLIE (950)

HARRIS DOROTHY J (950)

HILT JOHN C (972)

DE MARS ROBERT LTD APPRAISERS (989)

GOOSMAN GARY (993)

**\*\* 42ND ST Addresses \*\***

AMERICAN RESIN (1000)

BOSS KAREN (1000)

FIRELIGHT GLASS (1000)

PACIFIC BELL WHITE PAGES

***PUR ID***  
***Year Uses***

***Portion-Findings***  
***(FIM Information Only)***

***Source***

1986 (continued)

MASLACH JAS (1000)  
OAKLAND NATIONAL ENGRAVING CO (1001)  
HUSTON H N (952)  
GREEN MATILDA SCROGGINS (957)  
ISOLA EMILE (959)  
PALMER DON L (963)  
CARVALHO GERALD (967)  
CARLEVARO PHILIP (970)  
HICKERSON HOWARD MR & MRS (980)  
ALLEN VICTORIA (983)  
HEWITT BEATRICE (988)  
HILL ABRAHAM D (988)  
EARLY LIGHT ELECTRIC (999)  
PAUL S PLUMBING (999)

**\*\* 43RD ST Addresses \*\***

KP GRAPHICS OAKLAND DIV (1000)  
KP GRAPHICS STOCKTON DIV (1000)  
ABEYTA STEVE (1031)  
KAUFMAN BERTRAM L (1035)  
GAMBRELL MACK (1048)  
KHAKH BALBIR S (1051)  
FREEMAN LAWRENCE WJR (1052)  
GILL AMARTEL (1057)  
LEE GEO W (1058)  
OROZCO FERNANDO (982)  
PONZO LORRAINE (990)

**\*\* ADELINE ST Addresses \*\***

CHINESE KITCHEN MOON S RESTRNT EMERYVI (3986)  
MOON S CHINESE KITCHEN (3986)  
CHIN BONG (3990)  
NAT I UPHOLSTERING CO (4000)  
BRECHNER DONALD (4003)  
MENDEZ DAVID & JAN (4005)  
PINSKY CARL & EILEEN EMERYVILLE (4007)  
MURPHY HEATHER (4015)  
ORTEGA PAUL (4015)  
DUNNE PAINT CO (4050)  
ACTIVE DRILLING INC (4102)  
CHARD ALAN D (4102)  
DODSON DAWN & KEN (4116)  
ARTHUR JC (4119)

**\*\* ESSEX WAY Addresses \*\***



**PUR ID**

**Year    Uses**

1986 (continued)

MILTON JESSIE L (4304)  
PENIX GEO W (4309)  
CAPELLINO FLORENCE D (4313)  
ENJAIAN LYNN A (4321)  
BONINI KAREN (4322)  
ELLIS DOROTHY J (4334)

**\*\* LINDEN CT Addresses \*\***

BUSSE A T (4009)  
ALL WEATHER ARCHITECTURAL ALUMINUM IN (4055)  
DON S EARLY LIGHT (4124)

**\*\* LINDEN WAY Addresses \*\***

FRANKLIN RESEARCH (4009)  
FRENCH GEO F (4009)  
HOLTZMAN DOUGLAS (4009)  
ARTICHOCKE PRODUCTIONS (4114)  
EARLY LIGHT ELECTRIC (4124)

**\*\* 41ST ST Addresses \*\***

NICHELMAN RICHARD MR & MRS (1020)  
OMAN FRANCES (1069)  
BEHRSTOCK S (1073)  
DEAN NARZEEN (946)  
PEAKS CLARENCE M (948)  
BAINS BALDEV (949)  
KULLAR PARAMJIT (949)  
HENSLEY HAZEL (962)  
CORBETT LASHAWN (968)  
ARROW TOWEL & LINEN SUPPLY (989)  
CALIFORNIA LINEN RENTAL SERVICE (989)  
CALIFORNIA TOWEL & LINEN SUPPLY CO INC (989)  
MILLER FRANK CALIFORNIA LINEN RENTAL S (989)

1991

**\*\* 40TH ST Addresses \*\***

FIDELITY ROOF COMPANY (1075)  
BRUMFIELD JOHNNIE (950)  
DE MARS ROBT LTD AUTO APPRAISERS (989)

**\*\* 42ND ST Addresses \*\***

AMERICAN RESIN (1000)  
BOSS KAREN (1000)  
FIRELGH T GLASS (1000)  
ANAND CHARAN (947)  
CARVALHO GERALD (967)

**\*\* 43RD ST Addresses \*\***

**Portion-Findings**  
**(FIM Information Only)**

**Source**

PACIFIC BELL WHITE PAGES

**PUR ID**

**Year    Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1991 (continued)

ABEYTA STEVE (1031)

DHAHABU AHMED (1051)

**\*\* ADELINE ST Addresses \*\***

CHINESE KITCHEN MOON S RESTMT (3986)

CHIN BONG (3990)

DUNNE QUALITY PAINTS (4050)

ACTIVE DRUNG INC 22 (4102)

CHARD ALAN D (4102)

**\*\* ESSEX WAY Addresses \*\***

CAPELLINO FLORENCE D (4313)

ENJALAN LYNN A (4321)

COLLIER J A (4343)

**\*\* LINDEN WAY Addresses \*\***

FRANKLIN RESEARCH (4009)

ARTICHOKE PRODUCTIONS (4114)

**\*\* YERBA BUENA AVE Addresses \*\***

ACS ASBESTOS HAZARD MANAGEMENT INC (1033)

DRAWN ROBERT (961)

CUSTOM APPLIANCE TRUCKING (967)

**\*\* 41ST ST Addresses \*\***

ALLEN JANICE (968)

CALIFORNIA LINEN RENTAL SERVICE (989)

CALIFORNIA TOWEL & LINEN SUPPLY CO INC (989)

1992

**\*\* 40TH ST Addresses \*\***

STEWART SARAH (1095)

**\*\* 43RD ST Addresses \*\***

ABEYTA STEVE (1031)

KAUFMAN BERTRAM L (1035)

DHILLON HARJINDER (1045)

GAMBRELL MACK (1048)

B KAHLON JOGA (1049)

C RISHI DHARMENDRA (1049)

D SINGH BALWINDER (1049)

Unknown (1049)

C DHANOA BHUPINDER S (1051)

D SOHAL BHAG S (1051)

Unknown (1051)

B VADACH AJIT SINGH (1053)

C RISHI NEERU (1053)

Unknown (1053)

JARRELL WILLARD R (1054)

PACIFIC BELL DIRECTORY

**PUR ID**

**Year    Uses**

1992 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

LEWIS LEROY (1055)

LEE GEO W (1058)

**\*\* ADELINE ST Addresses \*\***

CHINESE KITCHEN MOON S (3986)

TSO MOON (3988)

CHIN BONG (3990)

B SCHOBY D (3992)

Unknown (3992)

TSO FRANCIS (3994)

NATIONAL UPHOLSTERING CO (4000)

HUEBSCH IRWIN (4003)

MORRIS MITCHELL B (4011)

ACTIVE DRILLING INC (4102)

CHARD ALAN D (4102)

GURULE LANAE (4119)

**\*\* ESSEX ST Addresses \*\***

MILTON JESSIE L (4304)

RAY GEORGE (4312)

SZTO WAH YUEM (4316)

ENJAIAN LYNN A (4321)

FRIEDMAN HELEN (4321)

FIERRO JESUS (4322)

WILLIS PAUL P (4330)

HENEGAN M A (4332)

RICHARD BARBARA A (4332)

CURLEE JOE & JUANITA (4336)

3 COLLIER J A (4343)

Unknown (4343)

**\*\* 41ST ST Addresses \*\***

GHELERTER MICHAEL (1020)

BARB WIRE (1069)

CRAIG RICHARD (1069)

EMERYVILLE CITY OF (1070)

YMCA-YOUNG MEN S CHRISTIAN ASSOCIATION (1070)

COTTON JASON (1071)

FRANZNICK CHRIS (1073)

ARTAXET FRANK (1075)

**\*\* 40TH ST Addresses \*\***

FRENCH GEO F (1050)

MACROBIOTIC GROCERY & ORGANIC CAFE (1050)

FIDELITY ROOF COMPANY (1075)

A MILES D M (945)

**PUR ID**

**Year    Uses**

1992 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

D MARTIN ANNA (945)  
Unknown (945)  
1 SAN HENG (950)  
17 CRUMEDY BERNARD (950)  
4 GEORGE WILLIE (950)  
Unknown (950)  
CROWE GEORGE (955)  
HILT JOHN C (972)  
DEMARS ROBT LTD AUTO APPRAISERS (989)  
INO KAZUO (993)

**\*\* 42ND ST Addresses \*\***

FIRELIGHT GLASS (1000)  
FIRELIGHT GLASS (1000)  
VITRICO CORPORATION (1000)  
OAKLAND NATIONAL ENGRAVING CO (1001)  
ANAND CHARAN (947)  
GREEN MATILDA SCROGGINS (957)  
ISOLA EMILE (959)  
GUIDRY FREDERICK (960)  
CARVALHO GERALD (967)  
CARTERS CONSTRUCTION CO (970)  
FERNANDEZ RAMON (972)  
JOHNSON PHYLLIS (985)  
SANDERS CARLOS (985)  
RASULI MUATA (986)  
PATTERSON M (987)  
HEWITT BEATRICE (988)  
SUTTON ALMA (990)  
PAUL S PLUMBING (999)

**\*\* 43RD ST Addresses \*\***

K P GRAPHICS OAKLAND DIV (1000)  
3 SMITH BETTY S (985)  
Unknown (985)  
PONZO LORRAINE (990)  
TRAN TAM (998)  
KARPILOW M CABINET MAKER (999)

**\*\* LINDEN ST Addresses \*\***

FRANKLIN RESEARCH (4009)  
FRENCH MARIA (4009)  
SHVEDOFF ALEXANDER (4009)  
A ARTICHOKE PRODUCTIONS (4114)  
Unknown (4114)

**PUR ID**

**Year    Uses**

1992 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

**\*\* YERBA BUENA AVE Addresses \*\***

WILLIAMS EUNICE (1007)  
ACS-ASBESTOS HAZARD MANAGEMENT INC (1033)  
CUSTOM APPLIANCE TRUCKING (967)  
GORDON ISADORE (967)

**\*\* 41ST ST Addresses \*\***

ROCKRIDGE WAREHOUSE (1010)  
1 WILLIAMS HERMAN (942)  
Unknown (942)  
D PRASHAR SUMAN (949)  
Unknown (949)  
1 MAXWELL GREGORY (954)  
4 PEEL ALAN (954)  
Unknown (954)  
HENSLEY HAZEL (962)  
ALLEN JANICE (968)  
APPLIED MATERIALS & ENGINEERING INC (980)  
BERKELEY BUILDERS (980)  
BERKELEY BUILDERS INC (980)  
TES (980)  
CALIFORNIA LINEN RENTAL SERVICE (989)

1996

**\*\* 40TH ST Addresses \*\***

FRENCH GEO F (1050)  
MACROBIOTIC GROCERY & ORGANIC CAFE (1050)  
FIDELITY ROOF COMPANY (1075)  
J & M CARPETS (1076)  
A MILES DM (945)  
B SHIELDS V (945)  
Unknown (945)  
CROWE GEORGE (955)  
HILT JOHN C (972)

**\*\* 42ND ST Addresses \*\***

FIRELIGHT GLASS (1000)  
FIRELIGHT GLASS (1000)  
VITRICO CORPORATION (1000)  
ONE COLOR COMMUNICATIONS (1001)  
ANAND CHARAN (947)  
CHAHAL RAGHBIR (948)  
GREEN MATILDA SCROGGINS (957)  
ISOLA EMILE (959)  
NUNERLEY VELMA (962)

PACIFIC BELL DIRECTORY

**PUR ID**  
**Year**   **Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

1996 (continued)

CARVALHO GERALD (967)  
CARTERS CONSTRUCTION CO (970)  
PATTERSON M (987)  
HEWITT BEATRICE (988)  
PAUL S PLUMBING (999)

**\*\* 43RD ST Addresses \*\***

KP CORPORATION (1000)  
TRAN TAM (998)  
KARPILOW M CABINET MAKER (999)

**\*\* LINDEN ST Addresses \*\***

2 KOZLOV VLADIMIR (4009)  
3 GREITZER JENNIFER & KATE (4009)  
FRANKLIN RESEARCH (4009)  
FRENCH GEORGE (4009)  
Unknown (4009)

ARTICHOKE PRODUCTIONS (4114)

**\*\* YERBA BUENA AVE Addresses \*\***

WILLIAMS EDGAR (1007)  
VAHDANI CONSTRUCTION CO INC (1033)  
10 HARRIS NEAL (961)  
Unknown (961)  
CUSTOM APPLIANCE TRUCKING (967)

**\*\* 41ST ST Addresses \*\***

1 WILLIAMS HERMAN (942)  
Unknown (942)  
D BANIS GURMAIL (949)  
Unknown (949)  
1 MAXWELL GREGORY (954)  
3 HAMPTON RONA (954)  
Unknown (954)  
HENSLEY HAZEL (962)  
ALLEN JANICE (968)  
APPLIED MATERIALS & ENGINEERING INC (980)  
BERKELEY BUILDERS INC (980)  
CALIFORNIA LINEN RENTAL SERVICE (989)

2000

**\*\* 40TH ST Addresses \*\***

FRENCH GEO F (1050)  
MACROBIOTIC GROCERY & ORGANIC CAFE (1050)  
FIDELITY ROOF COMPANY (1075)  
J & M CARPETS (1076)  
A MILES DM (945)

PACIFIC BELL

**PUR ID**  
**Year**    **Uses**  
2000 (continued)

**Portion-Findings**  
**(FIM Information Only)**

**Source**

Unknown (945)

17 KIM YOUNG MOK (950)

2 TRAN DAC (950)

23 PARSON LOREANER (950)

27 MURRAY MOKNETA (950)

4 ARACHIGA KARINA (950)

7 YOUNG TYSON (950)

9 GILL DUANE L (950)

Unknown (950)

CROWE GEORGE (955)

AMARE FSUM (959)

HILT JOHN C (972)

HOUSTON DAVID (989)

**\*\* 42ND ST Addresses \*\***

FIRELIGHT GLASS (1000)

FIRELIGHT GLASS (1000)

VITRICO CORPORATION (1000)

ONE COLOR COMMUNICATIONS (1001)

ANAND CHARAN (947)

CHAHAL RAGHBIR (948)

GREEN MATILDA SCROGGINS (957)

ISOLA EMILE (959)

CARVALHO GERALD (967)

ALMONICAR AMADOR A (970)

CARTERS CONSTRUCTION CO (970)

GARCIA FERNANDEZ MANUEL RAMON (972)

JOHNSON M (987)

HEWITT BEATRICE (988)

PAUL S PLUMBING (999)

**\*\* 43RD ST Addresses \*\***

KP CORPORATION (1000)

PRIMS JENELLE C (994)

TRAN TAM (998)

KARPILOW M CABINET MAKER (999)

**\*\* LINDEN ST Addresses \*\***

10 CLARK FAISAL B (4009)

2 KOZLOV VLADIMIR (4009)

7 COHEN RAFAEL M (4009)

9 LARKIN DANIEL (4009)

FRANKLIN N RESEARCH (4009)

FRENCH GEORGE (4009)

Unknown (4009)

**PUR ID**

**Year    Uses**

**Portion-Findings**  
**(FIM Information Only)**

**Source**

2000 (continued)

ARTICHOKE PRODUCTIONS (4114)

**\*\* YERBA BUENA AVE Addresses \*\***

WILLIAMS EDGAR (1007)

TEJEDA ARMANDO (1029)

BAY AREA TRENCHLESS INC (1033)

BAY LINE CONSTRUCTION (1033)

11 PROCTOR GARY SR (961)

7 JOHNSON C E (961)

HARRIS N (961)

Unknown (961)

SPAIN JEWEL (965)

CUSTOM APPLIANCE TRUCKING (967)

DYER ANITA (979)

**\*\* 41ST ST Addresses \*\***

A MCNEILL DYLAN (1001)

B CIRCA NOW (1001)

C DICKSON MATTHEW D (1001)

C GONZALEZ GABRIEL M (1001)

C MCDODDLE WINKIE (1001)

C WRIGHT JUSTIN (1001)

E METZNER KYLE (1001)

Unknown (1001)

I WILLIAMS HERMAN (942)

Unknown (942)

A SINGH JARNAIL (949)

Unknown (949)

I MAXWELL GREGORY (954)

3 HAMPTON RONA (954)

Unknown (954)

ALLEN JANICE (968)

APPLIED MATERIALS & ENGINEERING INC (980)

APPLIED MATERIALS & ENGINEERING INC (980)

RUTHERFORD & CHEKENE (980)

CALIFORNIA LINEN RENTAL SERVICE (989)

2002

Address not Listed in Research Source

R. L. POLK & CO.



## *Glossary of Terms*

### **A.A.A.**

Aerial photograph flyer: Agriculture Adjustment Administration (Federal).

### **A.S.C.S**

Aerial photograph flyer: Agricultural Stabilization and Conservation Service (Federal)

### **Address in Research Source**

Indicates that a property is listed at a different address than the one provided by the user. Generally occurs when a property is located on a corner or, when the physical address of a property is different than its mailing address.

### **Address Not Listed in Research Source**

Occurs when a specific site address is not listed in city directories and/or fire insurance maps.

### **Adjoining**

Any property that is contiguous, or a property that would be contiguous if not for a public thoroughfare, to the target property. *To differentiate from each adjoining property, stand at the target property's "front door" facing the street.*

### **Adjoining Back**

Property directly to the rear of the target property. (Applies only to fire insurance map data.)

### **Adjoining Front**

Property directly in front of the target property. (Applies only to fire insurance map data.)

### **Adjoining Left**

Property directly to the left of the target property. (Applies only to fire insurance map data.)

### **Adjoining Right**

Property directly to the right of the target property. (Applies only to fire insurance map data.)

### **Adjoining Surrounding Area**

Property that may adjoin the target property but due to lack of specific map information cannot be located precisely. This situation typically occurs when city directory information, but not fire insurance map information, is available.

### **C.A.S**

Aerial photograph flyer: Chicago Aerial Survey (private).

### **C.S.S.**

Aerial photograph flyer: Commodity Stabilization Service (Federal).

### **Cartwright**

Aerial photograph flyer: Cartwright (private)

### **CD**

City Directory

**Commercial**

Any property including, but not limited to, property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units.

**Commercial or Industrial**

Property that has either a commercial *or* an industrial use. Examples include retail stores, manufacturing facilities, factories, and apartment buildings.

**D.N.R.**

Aerial photograph flyer: Department of National Resources (state).

**D.O.T.**

Aerial photograph flyer: Department of Transportation (state).

**Fairchild**

Aerial photograph flyer: Fairchild (private).

**FIM**

Fire Insurance Map

**Flood Insurance Rate Maps**

Flood Insurance Rate Maps are produced by the Federal Emergency Management Agency (FEMA). These maps indicate special flood hazard areas, base flood elevations and flood insurance risk zones.

**Flood Prone Area Maps**

Flood Prone Area maps are produced by the United States Geological Survey (USGS). Areas identified as flood prone have been determined by available information gathered from past floods.

**F.S.**

Aerial photograph flyer: Forest Service (Federal).

**Geonex**

Aerial photograph flyer: Geonex (private).

**M.C.**

Aerial photograph flyer: Metropolitan Council of the Twin Cities Area (state).

**Mark Hurd**

Aerial photograph flyer: Mark Hurd (private)

**N.A.P.P.**

Aerial photograph flyer: National Aerial Photography Program (Federal).

### **National Wetland Inventory Maps**

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a division of the U.S. Department of the Interior. Wetland and deepwater habitat information is identified on a 7.5 minute U.S.G.S. topographic map. The classification system used categorizes these habitats into five systems: marine, estuarine, riverine, lacustrine and palustrine.

### **No Return**

Indicates that site owner was unavailable at time of surveyor's contact. (*Applies only to city directories.*)

### **No Structure Identified on Parcel**

Used when site boundaries and/or site address is indicated on a fire insurance map; no structure details exist.

### **Other**

Occurs when the site's classification is different than EDR's standard categories. Examples may include undeveloped land and buildings with no specified function.

### **P.M.A.**

Aerial photograph flyer: Production and Marketing Administration (Federal).

### **Pacific Aerial**

Aerial photograph flyer: Pacific Aerial (private)

### **Portion**

Refers to the fire insurance map information identified on the four quadrants of a target or adjoining property. The portions are referred to as *Frontright*, *Frontleft*, *Backright*, and *Backleft* and are determined as if one were standing at the front door, facing the street.

### **Property Not Defined**

Used when property is not clearly demarcated on a fire insurance map.

### **Residential**

Any property having fewer than five dwelling units used exclusively for residential purposes.

### **Residential with Commercial Uses (a.k.a. Multiple Purpose Address)**

A business (firm) and residence at the same address. Examples include a doctor, attorney, etc. working out of his/her home.

### **Sidwell**

Aerial photograph flyer: Sidwell (private).

### **Site Not Mapped**

Occurs when an adjoining property has not been mapped by fire insurance map surveyors. (*Applies only to fire insurance map data.*)

### **Teledyne**

Aerial photograph flyer: Teledyne (private)

### **Topographic Maps**

Topographic maps are produced by the United States Geological Survey (USGS). These maps are color coded line and symbol representations of natural and selected artificial features plotted to scale.

### **Turnbow**

Aerial photograph flyer: Michael Turnbow (private)

**U.S.D.A.**

Aerial photograph flyer: United States Department of Agriculture (Federal).

**U.S.D.I.**

Aerial photograph flyer: United States Department of the Interior (Federal).

**U.S.G.S.**

Aerial photograph flyer: United States Geological Survey (Federal).

**Vacant**

May refer to an unoccupied structure or land. *Used only when fire insurance map or city directory specifies 'vacant.'*

**W.P.A.**

Aerial photograph flyer: Works Progress Administration (Federal).

**WALLACE**

Aerial photograph flyer: Wallace (private).

**APPENDIX E**

**SELECTED PREVIOUS ENVIRONMENTAL REPORTS**

**UNDERGROUND TANK REMOVAL REPORT**

for

**S E M C O**

at

**DUNNE QUALITY PAINT  
1007 41st Street  
Oakland, California**

by

**HUNTER/GREGG  
597 Center Avenue  
Martinez, California  
02-258-004**

**November, 1988**

RECEIVED  
1988

DUNNE QUALITY PAINT  
1007 41ST STREET  
OAKLAND, CALIFORNIA

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Soil Report	Appendix A
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DUNNE QUALITY PAINT  
1007 41ST STREET  
OAKLAND, CALIFORNIA

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DUNNE QUALITY PAINT  
1007 41ST STREET  
OAKLAND, CALIFORNIA

ABSTRACT

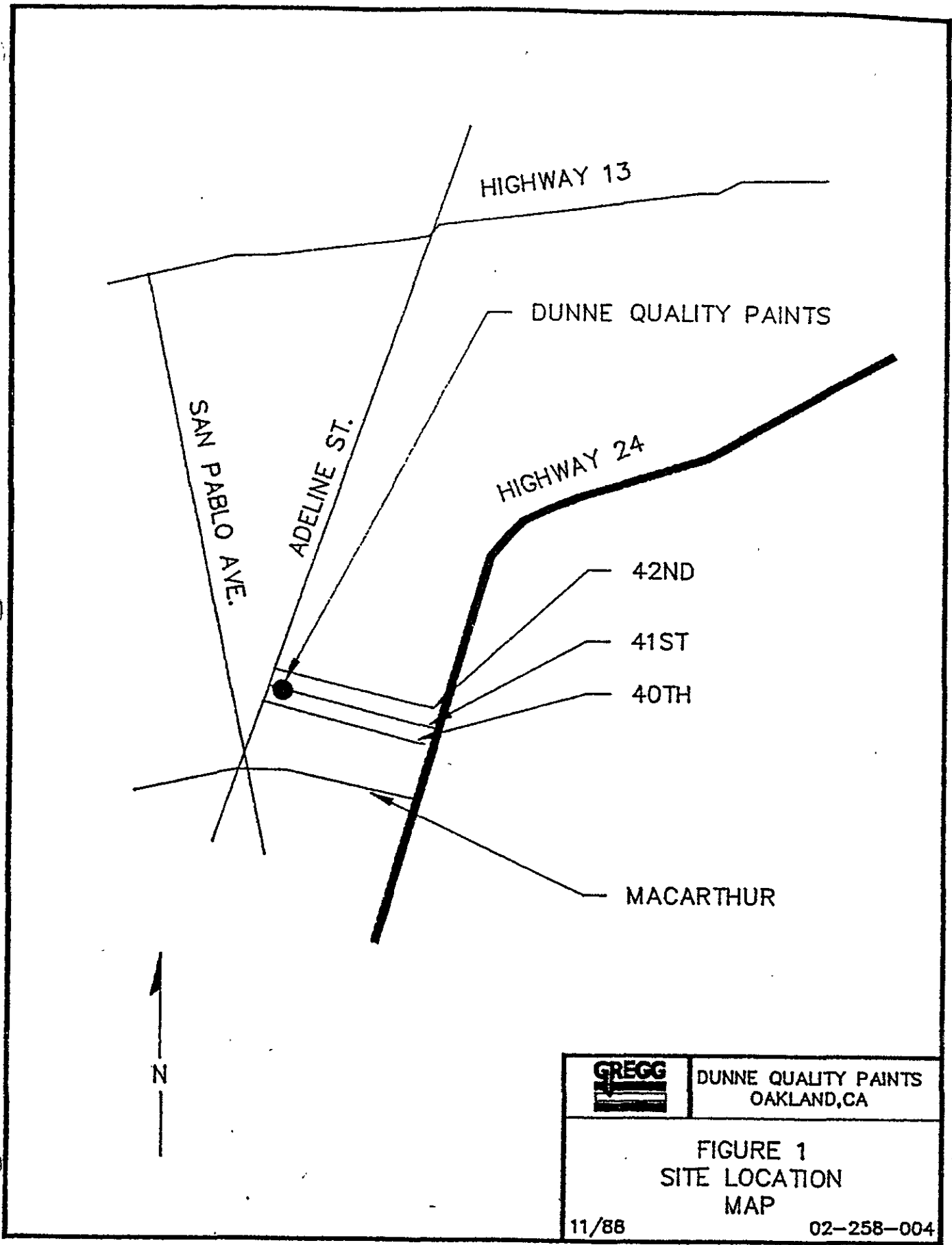
This report [redacted] paint thinner storage tanks and subsurface soil and ground water investigations at the Dunne Quality Paint site, located at 1007 41st Street, Oakland, California. This report was based on information provided to Hunter/Gregg by SEMCO. The tanks, which were installed [redacted] were suspected of leaking. Environmental Services, Inc., 2111 Jennings Street, San Francisco, CA., was retained by Dunne Paints in January, 1988, to perform a soil investigation. The investigation found high concentrations of paint thinner in the soil adjacent to the tanks. SEMCO, 431 West Hatch Road, Modesto, CA., was retained by Dunne Paints in July, 1988, to remove the tanks. [redacted]

[redacted] Before the two excavations [redacted] 2 inch slotted PVC pipe was suspended to four [redacted] from [redacted] in each tank. [redacted] These wells can be used for any required on-going groundwater monitoring. Water samples collected in August and analyzed for paint thinner showed low levels of paint thinner in the water.

SITE DESCRIPTION

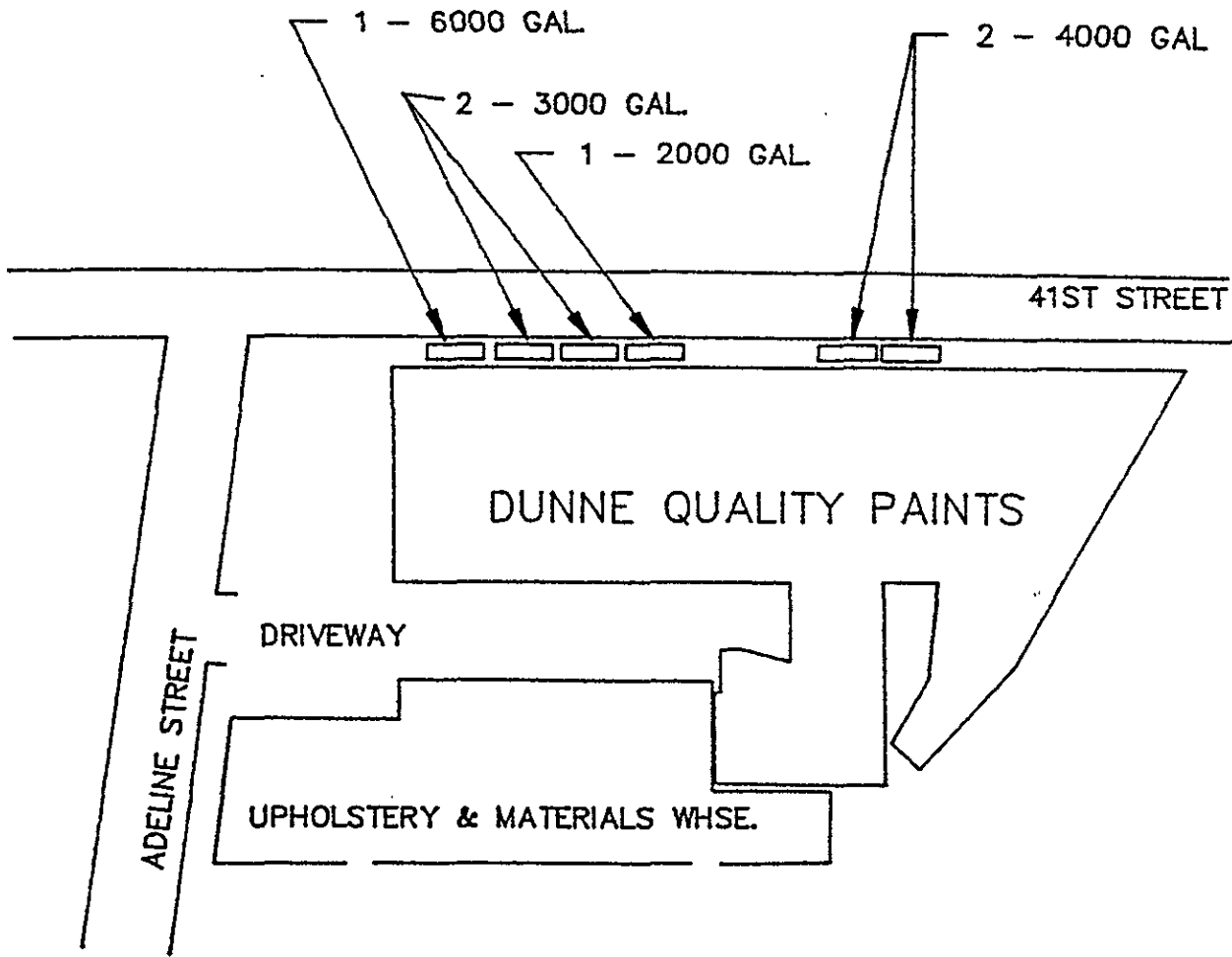
The Dunne property is located in the low lying area on the north edge of Oakland. The Oakland and Emeryville common boundary passes through the facility and some of the tanks were actually in Emeryville (see Figure 1, Location of Dunne Paint Property). The property is less than one mile east of the San Francisco Bay. [redacted] adjacent and neighboring properties [redacted] for light industrial purposes also. The six underground paint thinner storage [redacted] was [redacted] along 41st Street (see Figure 1, Location of Dunne Paint Property) was a group of

four tanks to the west of the driveway; one 6,000 gallons, two 3,000 gallon and one 2,000 gallon, end-to-end. The two tanks to the east, which were not in use at the time, were both 4,000 gallon in size.

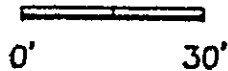


	<p>DUNNE QUALITY PAINTS OAKLAND, CA</p>
--	---

<p>FIGURE 1 SITE LOCATION MAP</p>	
<p>11/88</p>	<p>02-258-004</p>



SCALE



DUNNE QUALITY PAINTS  
OAKLAND, CA.

FIGURE 2  
SITE PLAN  
DUNNE PAINT  
PROPERTY

11/88

02-258-004

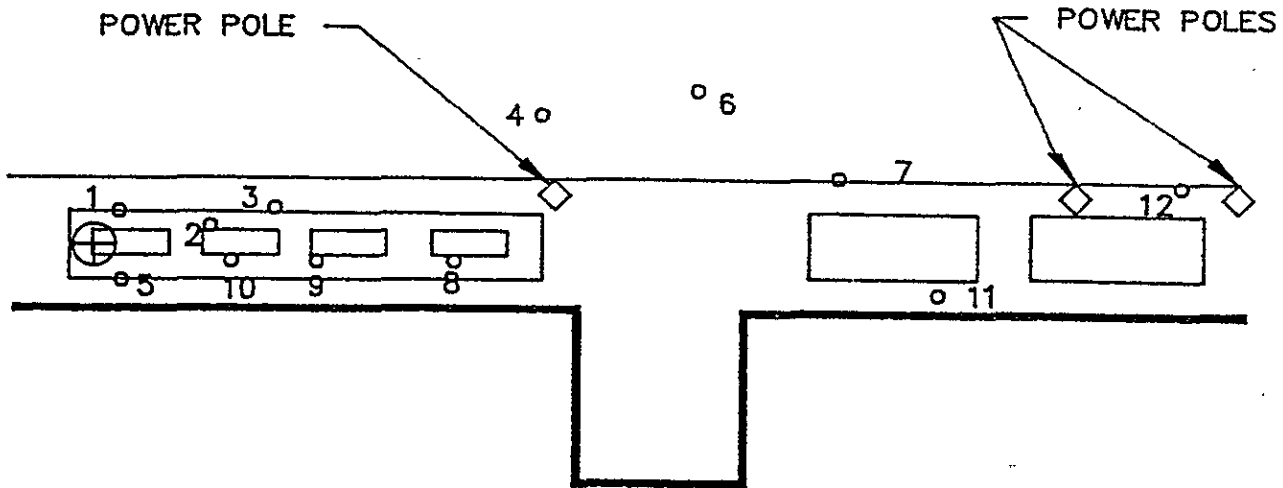
## SOIL SAMPLING, 1/88

An initial site investigation was performed by Environmental Services, Inc., on January 12 and 13, 1988. Their Soil Report is included as Appendix A. Twelve borings were made around the tanks to depths of ten to 17 feet (see Figure 3, Boring Locations). Eleven of the borings were drilled with a four-inch solid stem auger, using an OME-45 drill rig. One of the borings was drilled with three-inch hollow stem augers, using a portable Mobile Minuteman drill rig. Boreholes were backfilled with grout. Soil Samples were collected by driving a split-barrel sampler fitted with brass liners. One liner from each sample point was immediately capped and placed on ice, then transported under chain of custody to a State certified hazardous materials testing laboratory by the end of the working day.

An illustration of the relative concentrations of Stoddard Solvent at a Depth of ten feet below the surface was prepared using the soil sample laboratory analysis results in the next Section, and Soil Report information (see Figure 4, Stoddard Solvent Concentrations).

Fill is the predominant material in the upper ten feet of the borings, which gradually becomes native gray gravelly clay and sand below ten feet. Ground water was present between six and seven feet from the surface.

41ST STREET



BUILDING

KEY

○ BORING LOCATIONS  
JAN 12-13, 1988



SCALE  
0' 20'



DUNNE QUALITY PAINTS  
OAKLAND, CA

FIGURE 3  
BORING LOCATIONS  
JAN 12-13, 1988

11/88

02-258-004

LABORATORY ANALYSES PROCEDURES AND RESULTS, 1/88

All samples from the Environmental Services, Inc., initial investigation were analyzed by Precision Analytical Laboratory, Inc., using Environmental Protection Agency Procedure SW-846, modified method 8015 for Total Petroleum Hydrocarbons (TPH). The laboratory analyses results are as follows:

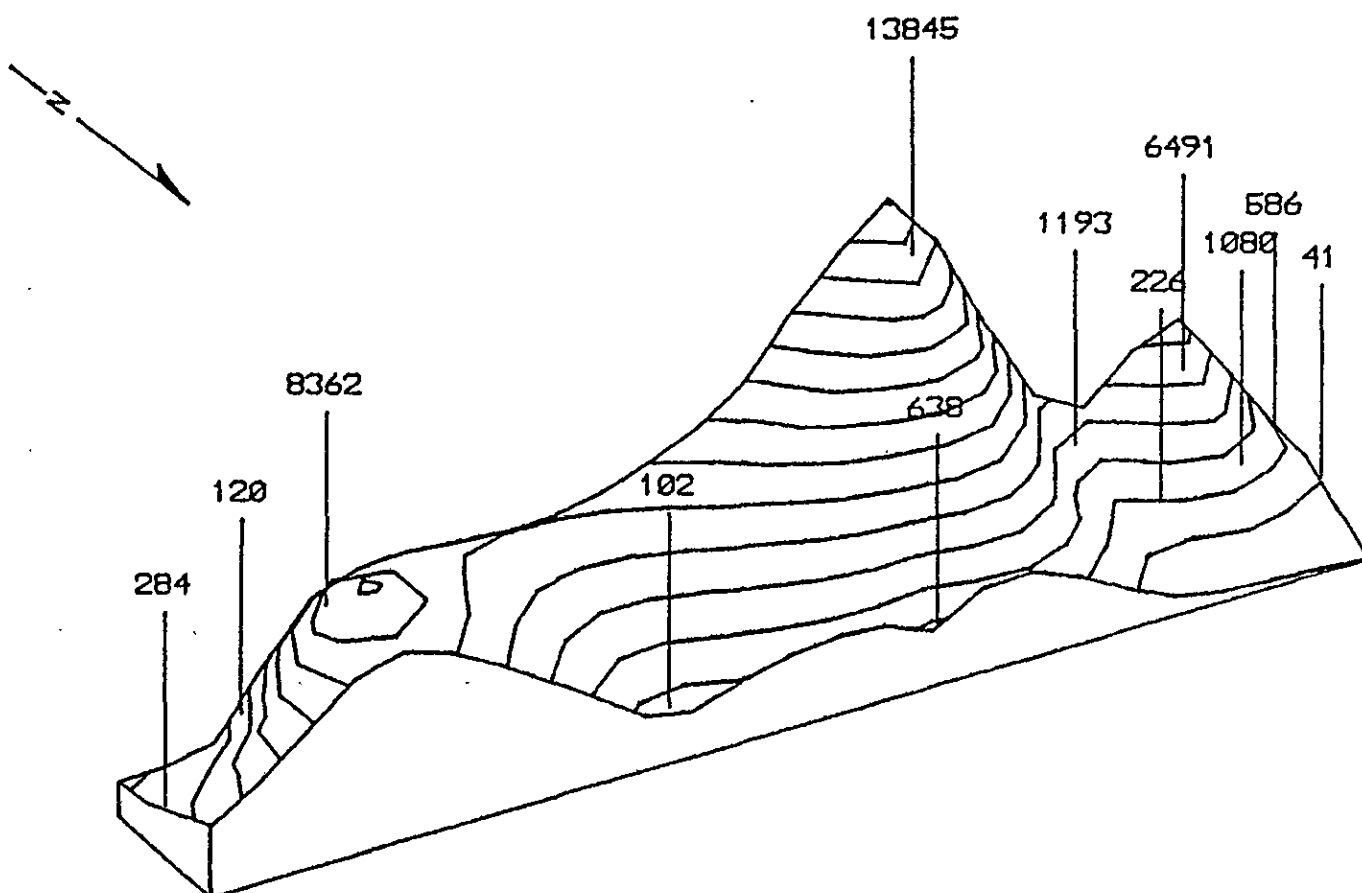
<u>BORING #</u>	<u>DEPTH</u>	<u>RESULT</u>
1	3 feet	<20 mg/Kg*
	8	<20
	10	41
2	9	10,080
3	6	<20
	10	226
	14	<20
4	6	150
	10	638
5	6	<20
	10	586
6	6	986
	10	102



LABORATORY ANALYSES PROCEDURES AND RESULTS, 1/88 (Continued)

<u>BORING #</u>	<u>DEPTH</u>	<u>RESULT</u>
7	6	27,362
	10	8,362
8	6	27,391
	10	13,845
9	6	3,472
	10	1,193
10	6	5,549
	10	6,491
11	6	503
	10	120
12	6	15,140
	10	284

\* mg/Kg = milligrams per kilogram, or parts per million (ppm).



STODDARD SOLVENT CONC. AT 10 FEET (mg/kg)

	DUNNE QUALITY PAINTS OAKLAND, CA
FIGURE 4 STODDARD SOLVENT CONCENTRATIONS AT 10 FT. JANUARY 1988	
11/88	02-258-004

## TANK REMOVAL, 7/88

The six underground storage tanks were removed from the ground on July 18 and 19, 1988 by SEMCO Construction Company. All documents associated with the tank removal are included in Appendix B, Tank Removal Documents. Each tank had 30 pounds of dry ice (carbon dioxide) per 1,000 gallons of tank capacity placed in them to displace any explosive gas mixtures in the tank. Also, each tank was tested with a Gas Tech LEL meter prior to removal. The tanks were transported by Erickson Trucking, Inc., using Uniform Hazardous Waste Manifests, to Levin Metal Corporation, 600 South 4th Street, Richmond, California. The tanks were cut up for scrap metal. Approximately 1,280 gallons of combustible liquid and rinse water were transported by Allied Petroleum and W-H Tank Lines, using a Uniform Hazardous Waste Manifest, to DeMenno Kerdoon, 2000 Alameda St., Compton, California.

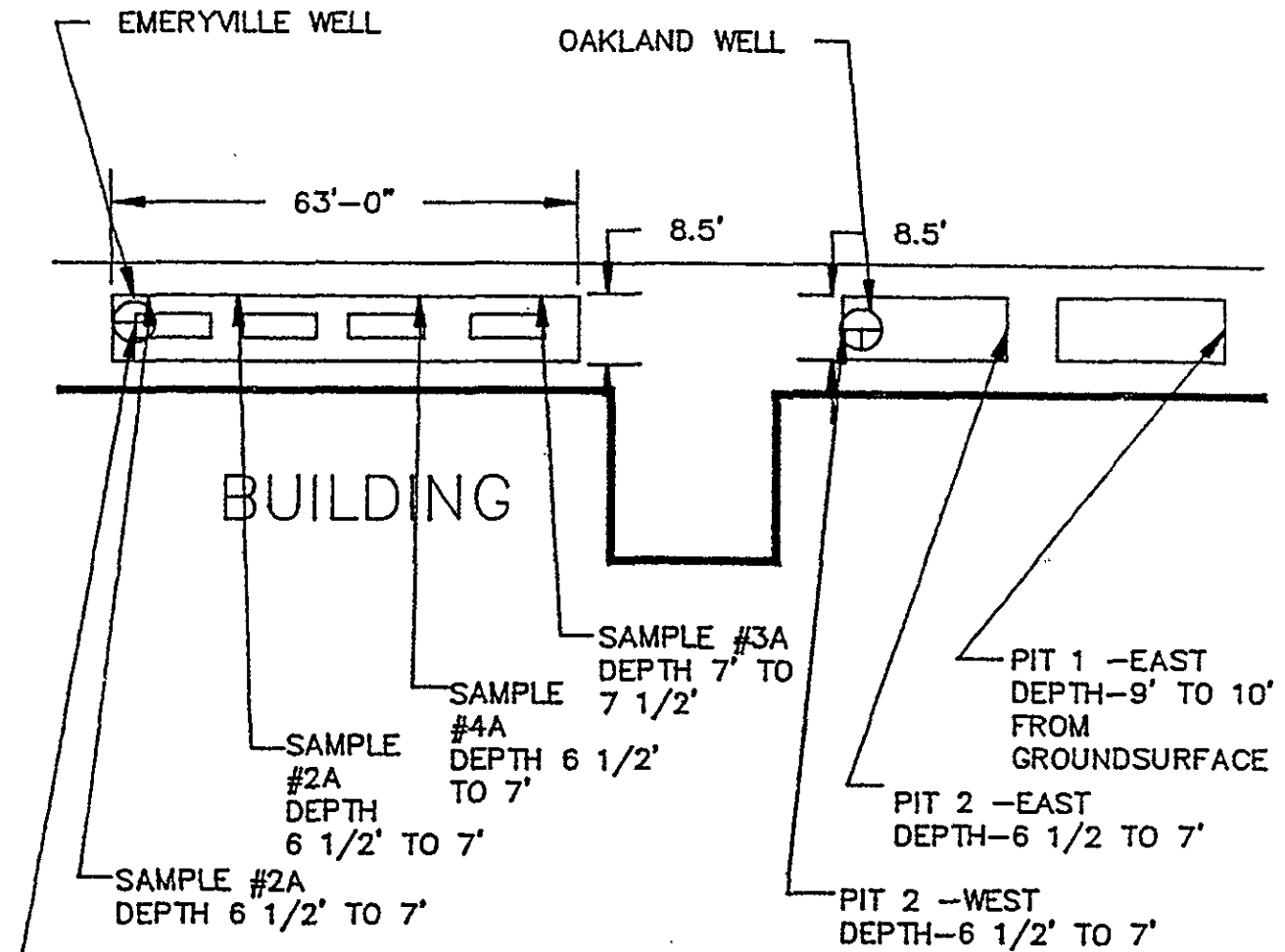
Approximately 60 yards of petroleum hydrocarbon saturated soil and an unknown quantity of liquid was removed from the tank pits. The soil was stockpiled on-site for subsequent remediation. The liquid was pumped into 55 gallon drums and hauled off as hazardous waste as described above.

The 6,000 gallon tank had a small leak evident during removal, and both 4,000 gallon tanks were described as "badly damaged". The 4,000 gallon tanks had water streaming out of several small holes as they were removed from the excavation. The remaining tanks appeared to be intact.

## SOIL SAMPLING, 7/88

Seven soil samples were taken by Engineering Science, Inc. during the tank removal (see Figure 5, Soil Sampling Locations and Well Installations, July, 1988). Due to the water in the tank excavations, all samples were taken from the side walls of the excavation. The sampling depths were six and one-half to seven feet except for the first sample, which was at nine feet. Brass tubes were jammed into the soil until full, capped, labeled, and placed on ice for transport under chain of custody to a state certified hazardous materials testing laboratory.

41ST STREET



SAMPLE #1A  
DEPTH 6 1/2'  
TO 7'

SAMPLE #2A  
DEPTH 6 1/2' TO 7'

SAMPLE #2A  
DEPTH 6 1/2' TO 7'

SAMPLE #4A  
DEPTH 6 1/2'  
TO 7'

SAMPLE #3A  
DEPTH 7' TO  
7 1/2'

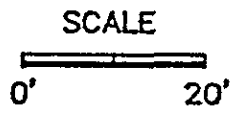
PIT 1 -EAST  
DEPTH-9' TO 10'  
FROM  
GROUNDSURFACE

PIT 2 -EAST  
DEPTH-6 1/2 TO 7'

PIT 2 -WEST  
DEPTH-6 1/2' TO 7'

ALL SAMPLES COLLECTED FROM SIDES  
ABOVE 10 FT.

PIT 1 TANK NO. 970  
PIT 2 TANK NO. 971  
PIT 3 TANK NOS. 957,967,968,969



SAMPLES COLLECTED  
PIT 1 EAST  
PIT 2 EAST, PIT 2 WEST  
1A, 2A, 3A, AND 4A

	DUNN QUALITY PAINTS OAKLAND, CA
FIGURE 5 SOIL SAMPLE LOCATIONS AND WELL INSTALLATIONS JULY 1988	
11/88	02-258-004

## LABORATORY ANALYSIS PROCEDURES AND RESULTS, 7/88

All samples from the tank removal were analyzed by Engineering Science, Inc., using Environmental Protection Agency Procedure SW-846, methods 8015 and 8020 for Total Petroleum Hydrocarbons and Benzene, Toluene, Xylene and Ethyl Benzene. The laboratory analysis results were converted from parts per billion to parts per million for consistency and are as follows:

SAMPLE I.D.	TPH mg/kg	BENZENE mg/kg	TOLUENE mg/kg	XYLENE mg/kg	ETHYL BENZENE mg/kg
Pit 1	ND	ND	ND	ND	ND
Pit 2-E	900	ND	ND	13	ND
Pit 2-W	24	ND	ND	0.003	ND
1A	14,000	ND	ND	360	ND
2A	320	ND	ND	22	ND
3A	1,400	ND	ND	82	ND
4A	1,100	ND	ND	4.8	ND

Note: All measurement units are in milligrams per kilogram, or parts per million.

TPH = Total Petroleum Hydrocarbons, as Stoddard Solvent. ND = Non Detectable

### SOIL REMEDIATION

The stoddard solvent saturated soil was aerated on site by SEMCO. Approximately 60 yards of material was stockpiled and measured with an organic vapor analyzer. The material was spread to a depth of six inches ten yards at a time. When the field analysis of the spread material showed nondetectable hydrocarbons, the material was placed in a separate pile to await disposal. After all of the material was aerated, it was hauled to a Class II landfill by Erickson Trucking, Inc.

## WELL INSTALLATION, 7/88

Two monitoring wells were installed in the excavations prior to the backfill of the holes (see Figure 5). The slotted two-inch PVC pipes were suspended [REDACTED] tank bottom elevation in [REDACTED] after the pea gravel backfill was placed and compacted up to sub-grade, the wells were sealed with a concrete slurry, a six inch diameter stovepipe with lid and lock was cemented over the PVC pipe, and then a well box was cemented over the stovepipe. The top of the well box is at finished grade of the sidewalk. The wells were installed so that the groundwater could be sampled after the tank excavation holes were closed.

## GROUND WATER SAMPLING, 8/88

Ground water samples were taken by SEMCO on August 26, 1988, from the tank pit wells. One grab sample was taken from each well. The samples were labeled, placed on ice, and transported under chain of custody to a state certified hazardous materials testing laboratory.

## LABORATORY ANALYSES PROCEDURES AND RESULTS, 8/88

The water samples from the well points taken August 26, 1988, were analyzed using EPA SW-846 Method 8015 by Sequoia Analytical Laboratory, 2549 Middlefield Road, Redwood City, CA. The laboratory analyses results (see Appendix C) were converted from parts per billion to parts per million for report consistency and are as follows:

<u>WELL LOCATION</u>	<u>TPH</u> mg/kg
Emeryville (Well #1)	1.0
Oakland (Well #2)	1.6

TPH = Total Petroleum Hydrocarbons, as Stoddard Solvent.



SEE SITE MAP

DRILLING METHOD:				BORING NO	
4" SOLID STEM AUGER				#12	
CME-45 DRILL RIG				SHEET	
SAMPLING METHOD:				1 of 1	
SPLIT BARREL SAMPLER				DRILLING	
WITH 2 BRASS TUBES (6")				START	FINISH
WATER LEVEL			TIME	TIME	
TIME			1250	1335	
DATE			DATE	DATE	
CASING DEPTH			1/13/88	1/13/88	

DATUM		ELEVATION		BLOWS/FT. SAMPLER	DEPTH IN FEET	SOIL GRAPH
SAMPLER TYPE	INCHES BITTER RECORDED	DEPTH OF CASING	SAMPLE DEPTH			
2" SPLIT	18/18		2 1/2	1320		
2" SPLIT	18/18			1335		

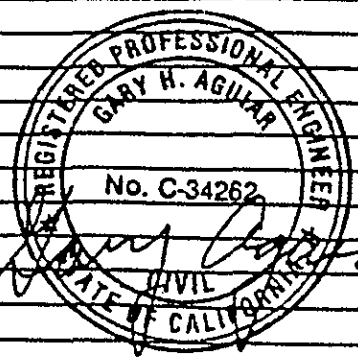
SURFACE CONDITIONS:

CONCRETE SIDEWALK (~2")

DK GREY SANDY & GRAVELLY CLAY (CL), SATURATED, POCKETS OF COARSE SAND, ANGULAR GRAVEL TO 1" (STRONG SOLVENT ODOR)

BRN CLAYEY SAND & GRAVEL (GC), SATURATED, LOOSE, SAND FINE TO COARSE, ANGULAR GRAVEL TO 1/2" (NO ODOR)

TOTAL DEPTH = 11.5' BLS



CHK'D BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

SEE SITE MAP

DRILLING METHOD: 4" SOLID STEEL AUGER				BORING NO. #13	
SAMPLING METHOD: SPLIT BARREL SAMPLER WITH 2 BRASS LINERS (6")				SHEET 1 of 1	
WATER LEVEL				START TIME 1212	FINISH TIME 1330
CASING DEPTH				DATE 4/26/88	DATE 4/12/88

DATUM \_\_\_\_\_ ELEVATION \_\_\_\_\_

SAMPLER TYPE	INCHES OVER RECORDED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
2" SPLIT	12/12		5/6		1315	6	
						7	
						8	
						9	
2" SPLIT	12/12		11/14		1330	10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

SURFACE CONDITIONS:

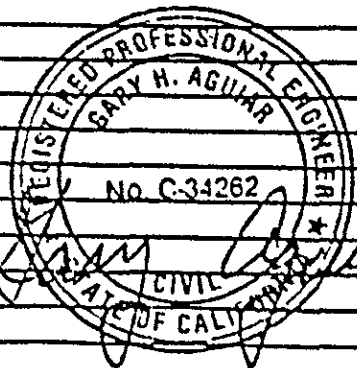
CONCRETE

DK BRN CLAY (CL), SOFT, MOIST

DK GREY CLAY (CL), SLIGHTLY MOIST, STIFF, VERY DENSE, BLACK STREAKS (BAY MUD ODOR)

DK GREY CLAYEY GRAVEL (GC), LOOSE GRAVEL ANGULAR TO 1/2", SIGNIFICANT FINE TO MEDIUM SAND, (SLIGHT PRODUCT ODOR)

TD = 11' BLS

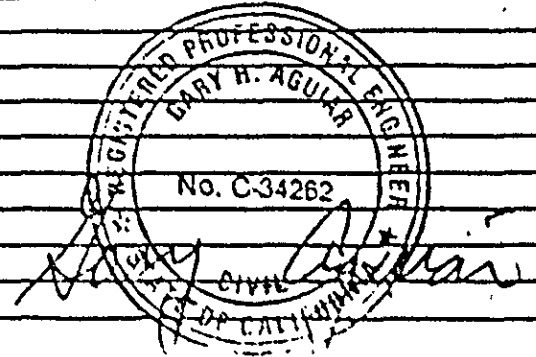


CHK'D BY \_\_\_\_\_ DATE \_\_\_\_\_

SEE SITE MAP

DRILLING METHOD: 4" SOLID STEM AUGER				BORING NO. #14	
SAMPLING METHOD: SPLIT BARREL SAMPLER WITH 2 BRASS LINERS (6")				SHEET 101	
WATER LEVEL				START TIME 1340	FINISH TIME 1430
TIME				DATE 4/26/88	DATE 4/24/88
CASING DEPTH				DRILLING	

DATUM		ELEVATION		SURFACE CONDITIONS:			
SAMPLER TYPE	INCHES SHOWN RECOVERED	DEPTH OF CASING	SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	CONCRETE
						1	
						2	
						3	
						4	
						5	
2" SPLIT	12/12			4/6	1409	6	GREY CLAY (CL), SLIGHTLY MOIST, HIGH PLASTICITY, BLACK STREAKS, OCCASIONAL COARSE SAND, GRAVEL TO 1/2" (NO ODOR)
						7	
						8	
						9	
2" SPLIT	12/12			16/16	1430	10	GREY CLAYEY GRAVEL (GC), SLIGHTLY LOOSE, SAND FINE TO MEDIUM, GRAVEL ANGULAR TO 1" (NO ODOR)
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	



CHK'D BY  
DATE

DUNNE PAINTS EMERYVILLE

SEE SITE MAP

DRILLING METHOD:

4" SOLID STEM AUGER

BORING NO.

#15

SHEET

101

SAMPLING METHOD:

SPLIT BARREL SAMPLER WITH 2 BRASS LINERS (6")

DRILLING

START FINISH

TIME TIME  
1440 1535

DATE DATE

4/26/88 4/26/88

WATER LEVEL

TIME

DATE

CASING DEPTH

DATUM

ELEVATION

SURFACE CONDITIONS:

SAMPLER TYPE	WORKS SHEETS RECORDS	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
2" PUT	12/12			5/12	1525	6	
						7	
						8	
						9	
2" SPLIT	12/12			10/10	1535	10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

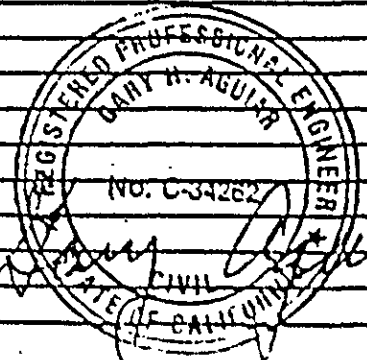
CONCRETE

DK GREY CLAY (CL), NEARLY DRY, STIFF, NEARLY BLACK, ANGULAR GRAVEL TO 1/2", VERY GRAVELLY

(NO ODOR)

BRN CLAYEY GRAVEL (GC), SATURATED, SLIGHTLY LOOSE, SAND FINE TO MEDIUM, GRAVEL ANGULAR TO 1"

TD = 11' BLS



CHKO'D BY

DATE

SEE SITE MAP

DRILLING METHOD: <b>4" SOLID STEM AUGERS</b>				BORING NO. <b>#16</b>	
SAMPLING METHOD: <b>SPLIT BARREL SAMPLER WITH 2 BRASS LINERS (6")</b>				SHEET <b>1 of 1</b>	
WATER LEVEL				START TIME <b>1547</b>	FINISH TIME <b>1615</b>
DATE				DATE <b>4/26/88</b>	DATE <b>4/26/88</b>
CASING DEPTH					

DATUM \_\_\_\_\_ ELEVATION \_\_\_\_\_

SAMPLER TYPE	INCHES SAMPLE RECORDED	DEPTH OF CASING	SAMPLE OR SAMPLE BEGIN	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
/	/	/	/	/	/	0	
/	/	/	/	/	/	1	
/	/	/	/	/	/	2	
/	/	/	/	/	/	3	
/	/	/	/	/	/	4	
/	/	/	/	/	/	5	
4" SPLIT	12/12			3/6	1680	6	
/	/	/	/	/	/	7	
/	/	/	/	/	/	8	
/	/	/	/	/	/	9	
4" SPLIT	12/12			9/12	1615	10	
/	/	/	/	/	/	11	
/	/	/	/	/	/	12	
/	/	/	/	/	/	13	
/	/	/	/	/	/	14	
/	/	/	/	/	/	15	
/	/	/	/	/	/	16	
/	/	/	/	/	/	17	
/	/	/	/	/	/	18	
/	/	/	/	/	/	19	
/	/	/	/	/	/	20	

SURFACE CONDITIONS:

**CONCRETE**

**DK GREY CLAY (CL), NEARLY DRY, NEARLY BLACK, HARD, ANGULAR GRAVELS TO 1/2"**

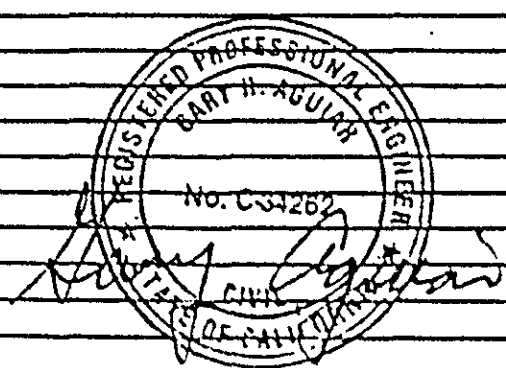
**(NO ODOR)**

**GREY CLAYEY SAND (SC), STIFF, OCCASIONAL GRAVEL TO 1/2"**

**(NO ODOR)**

**TD = 11' BLS**

CHK'D BY \_\_\_\_\_ DATE \_\_\_\_\_





Precision Analytical Laboratory, Inc.

2111 JENNINGS STREET, SAN FRANCISCO, CA 94124-3224, PHONE (415) 822-9649

**CERTIFICATE OF ANALYSIS**

STATE LICENSE NO. 211

Date Received: 11/13/88  
 Date Reported: 11/14/88  
 Job #: 70264

DUNNE QUALITY PAINTS  
 1101 41ST ST  
 OAKLAND, CA

**TOTAL PETROLEUM HYDROCARBON ANALYSIS**  
 by Modified Method 8015

<u>SAMPLE ID</u>	<u>CONCENTRATION</u> mg/kg	<u>HYDROCARBON</u>
70264-1 BORING 1 - 3'	<20	THINNER
70264-2 BORING 1 - 8'	<20	THINNER
70264-3 BORING 1 - 10'	41	THINNER
70264-4 BORING 2 - 9'	10,080	THINNER
70264-5 BORING 3 - 6'	<20	THINNER
70264-6 BORING 3 - 10'	226	THINNER
70264-7 BORING 3 - 14'	<20	THINNER
70264-8 BORING 4 - 6'	150	THINNER
70264-9 BORING 4 - 10'	638	THINNER
70264-10 BORING 5 - 6'	<20	THINNER
70264-11 BORING 5 - 10'	586	THINNER
70264-12 BORING 6 - 6'	986	THINNER
70264-13 BORING 6 - 10'	102	THINNER
70264-14 BORING 7 - 6'	27,362	THINNER
70264-15 BORING 7 - 10'	8,362	THINNER

*J. Chow*  
 \_\_\_\_\_  
 Jaime Chow  
 Laboratory Director

JC/lc

COPY



Precision Analytical Laboratory, Inc.

2111 JENNINGS STREET, SAN FRANCISCO, CA 94124-3224, PHONE (415) 822-9649

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 211

Date Received: 1/13/88  
 Date Reported: 1/14/88  
 Job #: 70266

DUNNE QUALITY PAINTS  
 41ST & ADELIN  
 EMERYVILLE, CA

TOTAL PETROLEUM HYDROCARBON ANALYSIS  
 by Modified Method 8015

<u>SAMPLE ID</u>	<u>CONCENTRATION</u> mg/kg	<u>HYDROCARBON</u>
BORING #8 - 6'	27,391	THINNER
BORING #8 - 10'	13,845	THINNER
BORING #9 - 6'	3,472	THINNER
BORING #9 - 10'	1,193	THINNER
BORING #10 - 6'	5,549	THINNER
BORING #10 - 10'	6,491	THINNER
BORING #11 - 6'	503	THINNER
BORING #11 - 10'	120	THINNER
BORING #12 - 6'	15,140	THINNER
BORING #12 - 10'	284	THINNER

Jaime Chow  
 Laboratory Director

JC/lc

OUTSTANDING QUALITY AND SERVICE

# CHAIN OF CUSTODY RECORD

PROJ. NO.		SAMPLERS <sup>BY</sup> <i>Signature</i>				ANALYSIS REQUESTED						REMARKS						
PROJECT NAME AND ADDRESS:													TOTAL PETROLEUM HYDROCARBONS					
DUNNE PAINTS													BTX					
41ST & ADELINE						VOC-EPA 8248						TOTAL OIL & GREASE						
EMERYVILLE						TETRAETHYL LEAD						SOLVENT						
CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION						REMARKS							
#1-3'	1/2/88		X		BIRING #1-3'						ARCHIVE							
#1-8'	1/2/88		X		BIRING #1-8'						X ARCHIVE							
#1-10'	1/2/88		X		BIRING #1-10'						ARCHIVE							
#2	1/2/88	1130	X		BIRING #2-9'						X ARCHIVE							
#3-6'	1/2/88	1023	X		BIRING #3-6'						ARCHIVE							
#3-10'	1/2/88	1255	X		BIRING #3-10'						X ARCHIVE							
#3-14'	1/2/88	1115	X		BIRING #3-14'						ARCHIVE							
#4-6'	1/2/88	1150	X		BIRING #4-6'						ARCHIVE							
#4-10'	1/2/88	1215	X		BIRING #4-10'						X ARCHIVE							
#5-6'	1/2/88	1305	X		BIRING #5-6'						ARCHIVE							
#5-10'	1/2/88	1320	X		BIRING #5-10'						X ARCHIVE							
#6-6'	1/2/88	1400	X		BIRING #6-6'						X ARCHIVE							
#6-10'	1/2/88	1400	X		BIRING #6-10'						ARCHIVE							

RELINQUISHED BY: (Signature) <i>Signature</i>	DATE 1/2/88	RECEIVED BY: (Signature) <i>Signature</i>	DATE 1-12-88
	TIME 1600		TIME 1600
RELINQUISHED BY: (Signature) <i>Signature</i>	DATE 1-2-88	RECEIVED BY: (Signature) <i>Signature</i>	DATE 1/12/88
	TIME 1632		TIME 1613
RELINQUISHED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE
	TIME		TIME
RELINQUISHED BY: (Signature)	DATE	RECEIVED FOR LABORATORY BY: (Signature)	DATE
	TIME		TIME



# CHAIN OF CUSTODY RECORD

PROJ. NO.	SAMPLERS: (Signatures) <i>[Signature]</i>					ANALYSIS REQUESTED <div style="display: flex; justify-content: space-around; font-size: small;"> <div style="border: 1px solid black; padding: 2px;">TOTAL PETROLEUM HYDROCARBONS</div> <div style="border: 1px solid black; padding: 2px;">BTX</div> <div style="border: 1px solid black; padding: 2px;">VOC-EPA 8248</div> <div style="border: 1px solid black; padding: 2px;">TOTAL OIL &amp; GREASE</div> <div style="border: 1px solid black; padding: 2px;">TETRAETHYL LEAD</div> <div style="border: 1px solid black; padding: 2px;">SOLVENT</div> </div>					
PROJECT NAME AND ADDRESS: DUNN PAINTS 411ST + ADELINE EMERYVILLE											
CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION						
#7-6'	1/2/88	1512	X		BORING #7-6'						ARCHIVE
#7-10'	1/2/88	1530	X		BORING #7-10'					X	
RELINQUISHED BY: (Signature)		DATE 1/2/88		RECEIVED BY: (Signature)		DATE 1/2-88					
<i>[Signature]</i>		TIME 1600		<i>[Signature]</i>		TIME 1600					
RELINQUISHED BY: (Signature)		DATE 1/2-88		RECEIVED BY: (Signature)		DATE 1/12/88					
<i>[Signature]</i>		TIME 1638		<i>[Signature]</i>		TIME 1633					
RELINQUISHED BY: (Signature)		DATE _____		RECEIVED BY: (Signature)		DATE _____					
		TIME _____				TIME _____					
RELINQUISHED BY: (Signature)		DATE _____		RECEIVED FOR LABORATORY BY: (Signature)		DATE _____					
		TIME _____				TIME _____					

# CHAIN OF CUSTODY RECORD

PROJ. NO.	SAMPLERS (SAMPLER) <i>Henry Ciguera</i>	ANALYSIS REQUESTED  <div style="display: flex; justify-content: space-around; font-size: small;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TOTAL PETROLEUM HYDROCARBONS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC-EPA 8249</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TOTAL OIL &amp; GREASE</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TETRAETHYL LEAD</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">SOLVENT</div> </div>
PROJECT NAME AND ADDRESS: DUNNE PAINTS 41ST & ADELINE EMERYVILLE		

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION						REMARKS	
#8-6'	1/13/88	0915	X		BORING #8-6'						X	
#8-10'	1/13/88	0925	X		BORING #8-10'						X	
#9-6'	1/13/88	1013	X		BORING #9-6'						X	
#9-10'	1/13/88	1025	X		BORING #9-10'						X	
#10-6'	1/13/88	1100	X		BORING #10-6'						X	
#10-10'	1/13/88	1115	X		BORING #10-10'						X	ARCHIVE
#11-6'	1/13/88	1212	X		BORING #11-6'						X	
#11-10'	1/13/88	1237	X		BORING #11-10'						X	ARCHIVE
#12-6'	1/13/88	1320	X		BORING #12-6'						X	
#12-10'	1/13/88	1335	X		BORING #12-10'						X	

RELINQUISHED BY: (Signature) <i>Henry Ciguera</i>	DATE: 1/13/88	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 1/13/88
RELINQUISHED BY: (Signature)	DATE: _____	RECEIVED BY: (Signature)	DATE: _____
RELINQUISHED BY: (Signature)	DATE: _____	RECEIVED BY: (Signature)	DATE: _____
RELINQUISHED BY: (Signature)	DATE: _____	RECEIVED FOR LABORATORY BY: (Signature)	DATE: _____



Environmen Services, Inc.

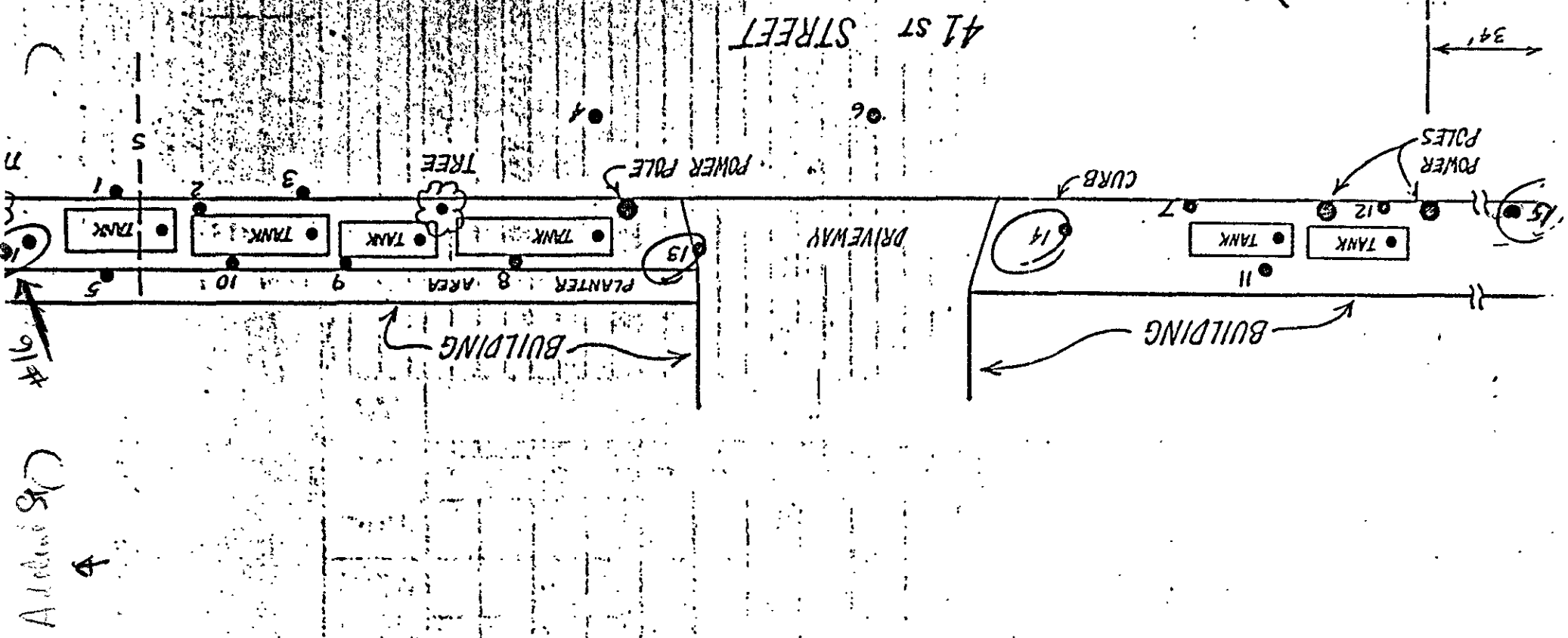
2111 Jennings Street, San Francisco, California 94124-3224, Phone (415) 822-4555

ADDITIONAL SOIL INVESTIGATION  
FOR  
DUNNE QUALITY PAINTS  
(BORING NOS. 13 THRU 16)

SITE MAP  
Dunne Quality Paints  
1101-41st Street  
Oakland, California

41 ST STREET

NORTH  
1" = 20'



**SEMCO**

**JAMES C. BATEMAN PETROLEUM SERVICES, INC.**

431 W. Hatch Rd. Modesto, Calif. 95351  
 General & Engineering Contractors  
 (800) 533-9293

**SEMCO - OIL HEAT ENG. DIV.**

**JAMES C. BATEMAN PETROLEUM SERVICES**

1806 Leslie St. San Mateo, Calif. 94402  
 General & Engineering Contractors  
 (800) 533-9293

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: 1007 41 <sup>ST</sup> -OAKLAND DUNNE QUALITY PAINT					Number of Containers	Analysis Required						REMARKS
SAMPLERS (signature): C. A. Kipin												
Station Number	Date	Time	Comp.	Grab	Station Location							
O	8/26	1:15		V	OAKLAND Side Well #2	1						Solvent Scan
E	8/26	1:15		V	Emeryville Side Well #1	1						STODDARD SOLVENT
Relinquished by (signature): <i>[Signature]</i>		Date / Time		Received by (signature): <i>[Signature]</i>		Relinquished by (signature):		Date / Time		Received by (signature):		
Company or Agency: <i>[Signature]</i>		8/26/88 3:40 AM		Company or Agency: Sequoia		Company or Agency:				Company or Agency:		
Relinquished by (signature):		Date / Time		Received by (signature):		Relinquished by:		Date / Time		Received by (signature):		
Company or Agency:				Company or Agency:		Company or Agency:				Company or Agency:		
Relinquished by (signature):		Date / Time		Received for Laboratory by (signature):		Date / Time		Remarks/Shipping Information				
Company or Agency:				(signature)				48 hour results				



# SEQUOIA Analytical Laboratory

2549 Middlefield Road  
Redwood City, CA 94063 • (415) 364-9222 • FAX (415) 364-9233

Semco  
1806 Leslie Street  
San Mateo, CA 94402  
Attn: Chuck Kiper

Date Sampled: 08/26/88  
Date Received: 08/26/88  
Date Analyzed: 08/29/88  
Date Reported: 08/30/88

Project: Dunne Quality Paint

## TOTAL PETROLEUM HYDROCARBONS

<u>Sample Number</u>	<u>Sample Description</u> Water	<u>Detection Limit</u> ppb	<u>High Boiling Point Hydrocarbons as Stoddard Solvent</u> ppb
8082500	O	50	1,600
8082501	E	50	1,000

Method of Analysis: EPA 3510/8015

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton  
Laboratory Director

# CHAIN OF CUSTODY RECORD

PROJ. NO.                      **SAMPLERS (Signature)**  
*Harry Aguirre*  
 PROJECT NAME AND ADDRESS:  
DUNN PAINTS  
EMERYVILLE

ANALYSIS REQUESTED

TOTAL PETROLEUM HYDROCARBONS  
 BTEX  
 VOC-EPA 8218  
 TOTAL OIL & GREASE  
 TETRAETHYL LEAD

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	X	X	X	X	REMARKS
#13-6'	4/26/88	1315	X		BORING #13 @ 6'	X				
#13-10'	4/26/88	1330	X		BORING #13 @ 10'	X				
#14-6'	4/26/88	1409	X		BORING #14 @ 6'	X				
#14-10'	4/26/88	1430	X		BORING #14 @ 10'	X				
#15-6'	4/26/88	1525	X		BORING #15 @ 6'	X				
#15-10'	4/26/88	1535	X		BORING #15 @ 10'	X				
#16-6'	4/26/88	1600	X		BORING #16 @ 6'	X				
#16-10'	4/26/88	1615	X		BORING #16 @ 10'	X				

RELINQUISHED BY: (Signature) <i>Harry Aguirre</i>	DATE <del>1870</del> 4-26-88	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE 4/26/88
RELINQUISHED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE
RELINQUISHED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE
RELINQUISHED BY: (Signature)	DATE	RECEIVED FOR LABORATORY BY: (Signature)	DATE

Precision Analytical Laboratory, Inc.

XX

2112 JENNINGS ST. SAN FRANCISCO, CA 94124 (415) 822-9649

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 211

Date Received: 4/26/88  
Date Reported: 4/29/88  
Job #: 70315

DUNNE QUALITY PAINTS  
1007 41ST ST  
OAKLAND, CA

TOTAL PETROLEUM HYDROCARBON ANALYSIS  
by Modified Method 8015

SAMPLE ID	CONCENTRATION		TPH
	mg/kg		
BORING #13 - 6'	ND<20		N/A
BORING #13 - 10'	415		THINNER
BORING #14 - 6'	<20		THINNER
BORING #14 - 10'	<20		THINNER
BORING #15 - 6'	<20		THINNER
BORING #15 - 10'	ND<20		N/A
70315 #16 - 6'	ND<20		N/A
70315 #16 - 10'	ND<20		N/A

QA/QC: DUPLICATE PRECISION: 7.2%  
SPIKE RECOVERY AS DIESEL: 83.3%

Jaime Chow  
Laboratory Director

JC/ls



BILL TO

SEMCO  
431 WEST HATCH ROAD  
MODESTO, CA 95351



**ERICKSON** INC.  
255 PARR BLVD. RICHMOND, CA. 94801  
(415) 235-1393 CONTR. LIC. A168067

PAGE 1

BILL DATE  
JUL 27, 1988

PROJECT END DATE  
JUL 19, 1988

INVOICE NUMBER  
4266-0-00

P.O. CONTRACT NO.

RELEASE

INVOICE DESCRIPTION: TRANSPORT AND PROCESS 2-3,000, 3-2,000 AND 1-6,000 GALLON UNDERGROUND TANKS - OAKLAND

CHARGES	DESCRIPTION	EXTENSION
FIXED BID	<p style="text-align: right;">*TOTAL BILL *</p> <p style="font-size: 2em; font-weight: bold; transform: rotate(-15deg); position: absolute; top: 50%; left: 50%; opacity: 0.5;">Received 7/29/88</p> <p style="font-size: 1.5em; font-weight: bold; transform: rotate(-15deg); position: absolute; top: 30%; left: 50%; opacity: 0.5;">Amount paid 7/27/88</p>	<p>\$ 5,212.00</p> <p>\$ 5,212.00 **</p>
<b>PAY THIS AMOUNT</b>		\$ 5,212.00

Specialized Service to Industry Since 1942

DELINQUENT ACCOUNTS ARE SUBJECT TO A CHARGE OF 1.5%/ MONTH (ANNUAL - 18%)

TERMS: NET 30 DAYS

0975  
Serra  
4766

**CERTIFICATE**  
Certified Service Company  
255 Parr Boulevard  
Richmond, California 94801

Day or Night  
Telephone  
(415) 235-1393

For: Lickson Jr. Tank No.(s.) 975 Location: Richmond Date: 7-77-88 Time: 0019  
Test Method: Visual / Gostech 1314 SMPN Last Product: Petroleum Hydrocarbon

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1-3000 gal. tank	Safe for fire OKY 20.9 % LEL < 1 %

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

**Standard Safety Designation:**

**Safe for Men:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

**Safe for Fire:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 per cent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

S. Scardon  
Representative Title

Shannon Lewis  
Inspector

0971  
Sumco  
4766

**CERTIFICATE**  
Certified Services Company  
255 Parr Boulevard  
Richmond, California 94801

Day or Night  
Telephone  
(415) 235-1393

For: Erickson Inc Tank No.(s.) 971 Location: Richmond Date: 7-22-88 Time: 0917  
Test Method: Visual / Gastech 1314 SMPN Last Product: Petroleum Hydrocarbon

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 2000 gal. tank	Safe for fire oxy 20.9 % LEL < 1 %

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

**Standard Safety Designation:**  
**Safe for Men:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.  
**Safe for Fire:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 per cent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.  
Representative: [Signature] Title: Gen Mgr  
Inspector: [Signature]

0969  
Semco  
4266

**CEROCATE**  
Certified Services Company  
255 Parr Boulevard  
Richmond, California 94801

Day or Night  
Telephone  
(415) 235-1393

For: Erickson Inc Tank No.(s.) 969 Location: Richmond Date: 7-21-88 Time: 1342  
Test Method: Visual / Gortech 1314 SMPV Last Product: Petroleum Hydrocarbon

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1-2000 gal. tank	Safe for fire oxy 20.9 %
	LEL < 1 %

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

**Standard Safety Designation:**

**Safe for Men:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

**Safe for Fire:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 per cent of the lower explosive limit; and that (b) in the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

S. [Signature]  
Representative Title

[Signature]  
Inspector

**CERTIFICATE**  
 Certified Services Company  
 255 Parr Boulevard  
 Richmond, California 94801

Day or Night  
 Telephone  
 (415) 235-1393

U964  
 4266  
 Semco

For: Erickson Inc Tank No.(s.) 964 Location: Richmond Date: 7-19-88 Time: 1630  
 Test Method: Visual / Gastech 1314 SMPN Last Product: Petroleum Hydrocarbon

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

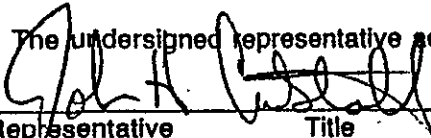
Tank(s)	Condition
1-3000 gal. tank	Safe for fire
	oxy 20.9 %
	LEL < 1 %

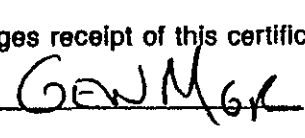
Remarks:

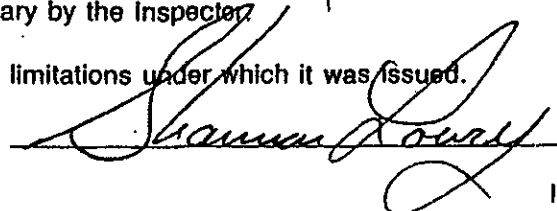
In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

**Standard Safety Designation:**  
**Safe for Men:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.  
**Safe for Fire:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 per cent of the lower explosive limit; and that (b) in the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

  
 Representative
 

  
 Title
 

  
 Inspector

**CERTIFICATE**

Certified Services Company  
255 Parr Boulevard  
Richmond, California 94801

Day or Night  
Telephone  
(415) 235-1393

0970  
Semco  
4266

For: Ericsson Inc Tank No.(s.) 0970 Location: Richmond Date: 7-21-88 Time: 1340  
Test Method: Visual / Gas test 1314 SMPM Last Product: Petroleum Hydrocarbon

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1-4000 gal tank	Safe for fire oxy 20.9%
	CEL 51%

Remarks: In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation: **Safe for Men:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) in the judgment of the inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the inspector's certificate.

**Safe for Fire:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) in the judgment of the inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Inspector: [Signature] Representative: [Signature] Date: [Signature]

957

4766

CERTIFICATE

Certified Services Company  
255 Parr Boulevard  
Richmond, California 94801

Day or Night  
Telephone  
(415) 235-1393

For: Crickson Ins. Tank No.(s.) 957 Location: Richmond Date: 7-27-58 Time: 1:45  
Test Method: Visual / Gasport 131U SMP IV Last Product: Petroleum Hydrocarbon

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1 - 6000 gal. tank	safe for fire oxy 20.9 % LEL < 1 %

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

**Safe for Men:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) in the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

**Safe for Fire:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 per cent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

John A. Cottrell GEN. MGR.  
Representative Title

Samuel Jones  
Inspector

**STRAIGHT BILL OF LADING**  
**ORIGINAL - NOT NEGOTIABLE**

Shipper's No. \_\_\_\_\_

Carrier's No. 019  
Date \_\_\_\_\_

IER:ERICKSON TRUCKING INC.

SCAC

TO:  
Consignee **LEVIN METAL CORP.**  
Street **600 SOUTH 4TH STREET**  
Destination **RICHMOND, CA** Zip **94805**

FROM:  
Shipper **ERICKSON INC.**  
Street **255 PARR BLVD.**  
Origin **RICHMOND, CA** Zip **94801**

Route:

Vehicle Number

No. Shipping Units	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (for exemption)
	Non-DOT regulated material Gas Free, Triple rinsed underground tanks for scrap 4251/942, 941 4266/957, 971 4258/966	NONE	N/A	N/A	N/A	NONE

Remit C.O.D. to:

Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**COD Amt \$**

C.O.D. FEE:  
Prepaid   
Collect  \$

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

Subject to Section 7 of the conditions, if the shipment is to be delivered to the consignee without recourse on the bill of lading, the consignor shall sign the following statement:  
The consignor shall not make delivery of this shipment without payment of freight and all other lawful charges.  
(Signature of Consignor)

FREIGHT CHARGES  
 PREPAID  COLLECT

RECEIVED, subject to the classifications and lawfully listed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of "Lapes unknown, marked, consigned, and destined as indicated above" which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the "act) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property bill or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

**PLACARDS REQUIRED**

**NO**

**PLACARDS SUPPLIED**

YES  NO - FURNISHED BY CARRIER  
DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER: **Ericksom Inc.**

PER: **S. Cowley**

DATE: **7-22-88**

CARRIER: **John R. D. D. D.**

PER: \_\_\_\_\_

DATE: \_\_\_\_\_

LMC 410 (2-88)

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of authority, as prescribed by Chapter 7 commencing with Section 171001 of Division 5 of the California Business and Professions Code, as authorized by the Division of Measurement Standards of the California Department of Paces and Agriculture.



- 800 SOUTH 4th STREET RICHMOND, CALIFORNIA 94804 (415) 238-0606
- 1800 MONTEREY HIGHWAY SAN JOSE, CALIFORNIA 95112 (408) 294-8443
- 130 NORTH 12th STREET SACRAMENTO, CALIFORNIA 95814 (916) 444-3380
- 740 NORTH WILSON WAY STOCKTON, CALIFORNIA 95205 (209) 466-6875
- 889 SEAPORT BLVD. REDWOOD CITY, CALIF. 94063 (415) 389-4161

DATE: 7/22/88

79637

TYPE OF PURCHASE:  
 CASH  CHECK  ON ACCT  M/C  PRE PAID

VENDOR: 9 CHECK NO. \_\_\_\_\_

GROSS WEIGHT: **12:06 07/22/88 34980.1b**

TARE: **12:45 07/22/88 25640.1b**

NET: **9340.1b** N.T. **40.5** PER N.T. \_\_\_\_\_  
L.T. \_\_\_\_\_ PER L.T. \_\_\_\_\_

COMMODITY: **TANKS** CODE: **1111** INV. \_\_\_\_\_ PR BY: **1** CK BY: **1** WEIGHED FOR: **Ericksom Inc.**

FRT CODE: \_\_\_\_\_ FREIGHT IN: \_\_\_\_\_ DRIVER'S NAME: \_\_\_\_\_ \* DUNNAGE OR EXCESS TARE - EXPLAIN BELOW

NO./CARRIER: \_\_\_\_\_ DRIVER'S LICENSE NO.: **941 966**

MANTLER NO: \_\_\_\_\_ VEHICLE LICENSE/LMC NO.: **942**

B/L NO: \_\_\_\_\_ RR. CAR NO./TRAILER LIC NO.: **957 971**

ADDRESS: \_\_\_\_\_ POINT OF ORIGIN: \_\_\_\_\_

LMC METALS WEIGHMASTER: \_\_\_\_\_ FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no hazardous material as defined by Federal or State law and that for payment hereby received, I sell and convey title to LMC METALS.

BY: \_\_\_\_\_ SIGNATURE OF SELLER OR AGENT: \_\_\_\_\_

CUSTOMER COPY



**STRAIGHT BILL OF LADING**  
**ORIGINAL - NOT NEGOTIABLE**

Shipper's No. \_\_\_\_\_

SHIPPER: ERICKSON TRUCKING INC.

SCAC

Carrier's No. 019  
Date \_\_\_\_\_

TO: Consignee **LEVIN METAL CORP.**  
Street **600 SOUTH 4TH STREET**  
Destination **RICHMOND, CA** Zip **94805**

FROM: Shipper **ERICKSON INC.**  
Street **255 PARR BLVD.**  
Origin **RICHMOND, CA** Zip **94801**

Route: \_\_\_\_\_ Vehicle Number \_\_\_\_\_

No. Shipping Units	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (for exemption)
2	Non-DOT regulated material Gas Free, Triple rinsed underground tanks for scrap	NONE	N/A	N/A	N/A	NONE
	<del>4266/970</del>					
	47041/927					
	4266/969					

Remit C.O.D. to: Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
C.O.D. FEE: Prepaid  Collect  \$  
COD Amt: \$ \_\_\_\_\_

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_  
FREIGHT CHARGES:  PREPAID  COLLECT

ED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the carrier's control) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in governing classification on the date of shipment.

SHIPPER hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.  
PLACARDS REQUIRED: **NO** PLACARDS SUPPLIED:  YES  NO - FURNISHED BY CARRIER  
DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER: Erickson Inc. CARRIER: \_\_\_\_\_  
PER: S. Lowry PER: \_\_\_\_\_  
DATE: 7-22-88 DATE: \_\_\_\_\_

LMC 410 (2-88)

This is to CERTIFY that the following described commodity was weighed, counted, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 commencing with Section 37700 of Division 5 of the California Business and Professions Code, as amended, by the Director of Measurement Standards of the California Department of Food and Agriculture.

**LMC METALS**  
A DIVISION OF SIMSMETAL USA CORPORATION

800 SOUTH 4th STREET RICHMOND, CALIFORNIA 94804 (415) 238-0808

130 NORTH 12th STREET SACRAMENTO, CALIFORNIA 95814 (916) 444-3380

899 SEAPORT BLVD. REDWOOD CITY, CALIF. 94063 (415) 366-4101

1800 MONTEREY HIGHWAY SAN JOSE, CALIFORNIA 95112 (408) 294-8443

740 NORTH WILSON WAY STOCKTON, CALIFORNIA 95205 (209) 466-8875

DATE: \_\_\_\_\_

WEIGHT: 10 00 07/22/88 35820 lb

WEIGHT: 10 28 07/22/88 25680 lb

NET: 10140 lb

PER NET: 5.070 NI 40 PER NET AMOUNT 302.54

COMMODITY: TRUCK CODE: 1101 INV. 1 CK BY: N/ERICKSON TRUCKING

FRIGHT IN: \_\_\_\_\_ DRIVER'S NAME: \_\_\_\_\_

CARRIER: \_\_\_\_\_ DRIVER'S LICENSE NO.: 927

SHANTLER NO: \_\_\_\_\_ VEHICLE LICENSE/LMC NO.: 969

B/L NO.: \_\_\_\_\_ R/R CAR NO./TRAILER LIC. NO.: \_\_\_\_\_

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner of the material described herein and have the right to sell same, that I warrant no hazardous material is defined by Federal or State law and that for payment hereof, I sell and convey title to LMC METALS.

DRIVER SIGNATURE: \_\_\_\_\_

CUSTOMER COPY

**STRAIGHT BILL OF LADING**  
**ORIGINAL - NOT NEGOTIABLE**

Shipper's No. \_\_\_\_\_

Carrier's No. 019  
Date \_\_\_\_\_

SHIPPER: **ERICKSON TRUCKING**

SCAC

TO: **LEVIN METAL CORP.**  
Consignee **600 SOUTH 4TH STREET**  
Street **RICHMOND, CA**  
Destination **Zip 94805**

FROM: **ERICKSON INC.**  
Shipper **255 PARR BLVD.**  
Street **RICHMOND, CA**  
Origin **Zip 94801**

Route: \_\_\_\_\_ Vehicle Number \_\_\_\_\_

No. Stipping Units	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
5	Non-DOT regulated material Gas Free Triple rinsed underground tanks for scrap	NONE	N/A	N/A	N/A	NONE
	4264 / 967, 968					
	4265 / 974, 973					
	4266 / 975					

Remit C.O.D. to: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**C.O.D. FEE:** Prepaid  Collect  \$ \_\_\_\_\_

**COD Amt:** \$ \_\_\_\_\_

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

subject to Section 7 of the regulations, if the shipment is to be delivered by the carrier without recourse on the shipper, the shipper shall sign the following statement: This carrier shall make delivery of the shipment without payment of freight and all other lawful charges. (Signature of Carrier)

**FREIGHT CHARGES**  PREPAID  COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the right) agreed to carry to his usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

**PLACARDS REQUIRED**  NO **PLACARDS SUPPLIED**  YES  NO - FURNISHED BY CARRIER

SHIPPER: **Ericksen Inc.** CARRIER: **John J. Ericksen**  
PER: **S. Lowry** PER: \_\_\_\_\_  
DATE: **7-22-88** DATE: \_\_\_\_\_

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate who is a recognized authority of accuracy as prescribed by Chapter 7 commencing with Section 12709 of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

**LMC METALS**  
A DIVISION OF SIMSMETAL USA CORPORATION

600 SOUTH 4th STREET RICHMOND, CALIFORNIA 94804 (415) 236-0805  
1800 MONTEREY HIGHWAY SAN JOSE, CALIFORNIA 95112 (408) 294-8443  
130 NORTH 12th STREET SACRAMENTO, CALIFORNIA 95814 (916) 444-3380  
740 NORTH WILSON WAY STOCKTON, CALIFORNIA 95205 (209) 466-6875  
699 SEAPORT BLVD. REDWOOD CITY, CALIF. 94063 (415) 386-4181

DATE: \_\_\_\_\_  
DIV: **79694**  
TYPE OF PURCHASE:  CASH  CHECK  DN ACCT  I/C  PRE PND  
CHECK NO. **9**

NET **6320** lbs. **3160** NT. **40** PER NT. \_\_\_\_\_  
LT. \_\_\_\_\_ PER LT. \_\_\_\_\_

COMMODITY: **Tanks** CODE: **1101** INV. \_\_\_\_\_ PR BY: **110** CK BY: **ERICKSON** WEIGHED FOR: \_\_\_\_\_

FRT CODE: \_\_\_\_\_ FREIGHT IN: \_\_\_\_\_ DRIVER'S NAME: \_\_\_\_\_  
DRIVER'S LICENSE NO.: \_\_\_\_\_  
VEHICLE LICENSE/LMC NO.: \_\_\_\_\_  
B/L NO.: \_\_\_\_\_ RR CAR NO./TRAILER LIC. NO.: \_\_\_\_\_

DAMAGE OR EXCESS TARE - EXPLAIN BELOW: **967, 968, 973, 974, 975**

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no hazardous material as defined by Federal or State law and that for payment hereby received, I sell and convey title to LMC METALS.

BY: \_\_\_\_\_ DEPUTY  
SIGNATURE OF SELLER OR AGENT: \_\_\_\_\_

LMC 410 (2-88)

CUSTOMER COPY

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

# STRAIGHT BILL OF LADING ORIGINAL - NOT NEGOTIABLE

Shipper's No. \_\_\_\_\_

Dismantler: **ERICKSON TRUCKING INC.**

SCAC

Carrier's No. 019  
Date 7-20-88

TO: Consignee **LEVIN METAL CORP.**  
Street **600 SOUTH 4TH STREET**  
Destination **RICHMOND, CA** Zip **94805**

FROM: Shipper **ERICKSON INC.**  
Street **255 PARR BLVD.**  
Origin **RICHMOND, CA** Zip **94801**

Route:

Vehicle Number **1D06-2F26**

No. Shipping Units	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
8	Non-DOT regulated material Gas Free Triple rinsed underground tanks for scrap 4250 / 950, 958 4252 / 944, 943, 955 4266 / 964 4255 / 952 4247 / 939	NONE	N/A	N/A	N/A	NONE

Remit C.O.D. to:  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

COD Amt: \$ \_\_\_\_\_

C.O.D. FEE:  
Prepaid   
Collect  \$ \_\_\_\_\_

NOTE - Where the rate is dependant on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the part of the carrier, the carrier shall sign the following statement:  
The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges.  
(Signature of Carrier)

FREIGHT CHARGES  
 PREPAID  COLLECT

BEFORE, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of containers, marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the bill) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property in all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED **NO**

PLACARDS SUPPLIED **NO**

YES  NO - FURNISHED BY CARRIER  
DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER: **ERICKSON INC.**  
PER: **S. Lowry**  
DATE: **7-20-88**

CARRIER: **ERICKSON TRUCKING INC.**  
PER: **Steve Fleming**  
DATE: **7-20-88**

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

9-BLS-A3 (Rev. 6/87)

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, unless otherwise indicated in the certificate, who is a recognized authority of authority, as prescribed by Chapter 7 commencing with Section 13700 of Division 5 of the California Business and Professions Code, administered by the Division of Measurement, Bureau of the California Department of Pest and Agriculture.

**Lmc METALS**  
A DIVISION OF SIMSMETAL USA CORPORATION

- 500 SOUTH 4th STREET RICHMOND, CALIFORNIA 94804 (415) 236-0808
- 1800 MONTEREY HIGHWAY SAN JOSE, CALIFORNIA 95112 (408) 294-8443
- 130 NORTH 12th STREET SACRAMENTO, CALIFORNIA 95814 (916) 444-3360
- 740 NORTH WILSON WAY STOCKTON, CALIFORNIA 95205 (209) 466-6875
- 889 SEAPORT BLVD. REDWOOD CITY, CALIF. 94063 (415) 336-4161

DATE \_\_\_\_\_  
DIV 79307

GROSS WEIGHT: 10,560.07/20/88 44320 lb  
12,10,07/20/88 28800 lb

TYPE OF PURCHASE  
 CASH  CHECK  ON ACCT  I/C  PRE PAID

NET **15520** lbs  
776 N.T.  
PER N.T.  
PER LT.

COMMODITY <b>TANKS</b>	CODE <b>111</b>	INV.	PR BY <b>1</b>	OK BY <b>1</b>	WEIGHED FOR <b>ERICKSON TRUCKING INC.</b>
FRT CODE	FREIGHT BY	DRIVER'S NAME	* DUNNAGE OR EXCESS TARE - EXPLAIN BELOW		
CARRIER		DRIVER'S LICENSE NO.	950 955		
DISMANTLER NO.		VEHICLE LICENSE/LMC NO.	958 964		
B/L NO.		RR CAR NO./TRAILER LIC. NO.	944 952		
			943 939		

LMC METALS WEIGHMASTER  
By: \_\_\_\_\_

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and I warrant that I am the owner (or owner's representative) of the material as defined by code of State law and that for payment hereby received, I sell and convey title to LMC METALS.

Signature: \_\_\_\_\_

CUSTOMER COPY

**STRAIGHT BILL OF LADING**  
**ORIGINAL - NOT NEGOTIABLE**

Shipper's No. \_\_\_\_\_  
Carrier's No. 019  
Date \_\_\_\_\_

ER: ERICKSON TRUCKING INC. SCAC

TO: Levin Metal Corp.  
600 SOUTH 4TH STREET  
RICHMOND, CA Zip 94805

FROM: ERICKSON INC.  
255 PARR BLVD.  
RICHMOND, CA Zip - 94801

No. Shipping Units	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (for exemption)
	Non-DOT regulated material Gas Free, Triple rinsed underground tanks for scrap	NONE	N/A	N/A	N/A	NONE
	4266/970					

Remit C.O.D. to: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

C.O.D. FEE: Prepaid  Collect  \$ \_\_\_\_\_

**COD Amt: \$**

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

Subject to Section 7 of the provisions, if this shipment is to be delivered at the consignee's expense without recourse to the shipper, the consignee shall sign the following statement: The carrier shall not make delivery of this shipment without payment in advance and all other lawful charges.

FREIGHT CHARGES:  PREPAID  COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of so unknown, marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the agreement to carry to its usual place of delivery at said destination, if of its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED  NO

PLACARDS SUPPLIED  YES  NO - FURNISHED BY CARRIER

DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER: Erickson Inc.  
PER: S. Lowry  
DATE: 7-22-88

CARRIER: ERICKSON  
PER: [Signature]  
DATE: 7/22/88

9-BLS-A3  
(Rev. 6/87)

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a registered liability of accuracy, as provided by Chapter 7 commencing with Section 12700 of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

LMC METALS A DIVISION OF SIMSMETAL USA CORPORATION

600 SOUTH 4th STREET RICHMOND, CALIFORNIA 94804 (415) 236-0606  
1800 MONTEREY HIGHWAY SAN JOSE, CALIFORNIA 95112 (408) 294-8443  
130 NORTH 12th STREET SACRAMENTO, CALIFORNIA 95814 (916) 444-3380  
740 NORTH WILSON WAY STOCKTON, CALIFORNIA 95205 (209) 466-0875  
699 SEAPORT BLVD. REDWOOD CITY, CALIF. 94063 (415) 369-4181

GROSS WEIGHT: 13:28 07/22/88 16840 lb  
TARE: 13:47 07/22/88 13580 lb  
NET: 3260 lbs

DATE: 7/22/88

TYPE OF PURCHASE:  CASH  CHECK  ON ACCT  V/C  PRE PAID

79650

NET 40 PER N.T. PER LT.

COMMUNITY: TADK CODE: 1161 INV. PR BY CK BY WEIGHED FOR: Erickson T.I.C.

FRT CODE FREIGHT IN DRIVER'S NAME: [Signature] DRIVER'S LICENSE NO. VEHICLE LICENSE/LMC NO. 970

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described herein and have the right to sell same, that it contains no hazardous material as defined by Federal or State law and that for payment hereby received, I sell and convey title to LMC METALS.

BY: [Signature] DEPUTY

SIGNATURE OF SELLER OR AGENT: [Signature]

CUSTOMER COPY

CONSULT CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-552-5525

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL HAZARDOUS WASTE RESPONSE CENTER AT 1-800-424-8802

GENERATOR

TRANSPORTER

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA109181061751128	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Allied Petroleum P.O. Box 193 Hilmar CA 95324			A. State Manifest Document Number 87950076		
4. Generator's Phone (209) 576-8500			B. State Generator's ID CA109181061751128		
5. Transporter 1 Company Name Allied Petroleum		6. US EPA ID Number CA109181061751128		C. State Transporter's ID 903731	
7. Transporter 2 Company Name W-H Tank Lines		8. US EPA ID Number CA1094103170645		D. Transporter's Phone (209) 576-8500	
9. Designated Facility Name and Site Address DeMenno Kerdon 2000 Alameda Compton CA 90222			10. US EPA ID Number CA1091810913352		E. State Facility's ID CA1091810913352
			H. Facility's Phone (213) 537-7100		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit	15. Waste No.
a. Waste oil Combustible Liquid NOS NA 1270		1	119.56	Gal	227
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above Rinse water About 275 gal			K. Handling Codes for Wastes Listed Above		
16. Special Handling Instructions and Additional Information			a. b. c. d.		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Colin Kelley		Signature Colin Kelley		Month Day Year 07/16/88	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Colin Kelley		Signature Colin Kelley		Month Day Year 10/7/16/88	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

ALLIED PETROLEUM

P.O. Box 193

Hilmar, CA 95324

EPA# CAD980675128

(200) 576-8500 manifest#

INVOICE NO.

1418

87950076

Semco  
431 Hatch

Monte  
574-4653

SOLD TO <i>Dino Quality, Paints</i>			SHIPPED TO <b>DEMENNO KERDOON</b>		
STREET & NO. <i>1007 41st</i>			STREET & NO. <b>2000 NORTH ALAMEDA</b>		
CITY <i>1st</i>	STATE	ZIP	CITY <b>COMPTON, CA</b>	STATE	ZIP <b>90222</b>

CUSTOMER'S ORDER

SALESMAN

TERMS

F.O. EPA# CAT080019352

DATE

*86-*

*Colin*

*30-day*

*7-16-88*

<i>275</i>	<i>gal at Rose water Pukolus</i>				<i>\$ 96</i>	<i>25</i>
	<i>(Tank Rental)</i>					
	<i>6 Tanks</i>					
	<i>2 hours Pumping \$400 per hour</i>				<i>\$ 80</i>	<i>00</i>
<i>[Signature]</i>						

INVOICE

REDIFORM

71721/01723

**ALLIED PETROLEUM**

P.O. Box 193  
 Hilmar, CA 95324  
 EPA# CAD980675128  
 (207) 576-9500 manifest#

INVOICE NO.

1420

87450080

SOLD TO D. J. Quality Products				SHIPPED TO DEANNO KERDOON			
STREET & NO. 411				STREET & NO. 2000 NORTH ALAMEDA			
CITY		STATE		CITY		STATE	
HILMAR		CA		COMPTON, CA		90222	

CUSTOMER'S ORDER	SALESMAN Celia	TERMS 6-5-10-1	F.O. EPA# CAT080013352	DATE 7-20-88
------------------	-------------------	-------------------	------------------------	-----------------

950	gal of waste water (Tank Rise)								
	(Tank Removal)								

*Danne*  
*Henry Hamilton*

WHITE — ENV. HEALTH  
 YELLOW — FACILITY  
 PINK — FILES

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

County Use Only  
 Daily

## Hazardous Material Inspection Form

Site ID# \_\_\_\_\_ Site Name Dunne Paints Date: 7/18/88  
 Site Address 1000 41st St EPA ID# CAC 000 9118597  
 City, Zip Oakland 94608 Phone \_\_\_\_\_

MAX AMT stored >  
 500 lbs, 55 gal., 200 cft.?

**Inspection Categories:**

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

The marked items represent violations of the Calif. Administrative Code (CAC) or the Health & Safety Code (HS&C)

1a. GENERATOR	(Title 22)	
	1. Waste ID	66471
	2. EPA ID	66472
	3. > 90 days	66508
	4. Labels	66493
Manifest	5. Biennial	66492
	6. Records	66480
	7. Correct	66484
	8. Copy sent	66492
	9. Exception	66484
	10. Copies Rec'd	66492
Misc.	11. Treatment	66371
	12. On-site Disp. (H.S.&C.)	25189.5
	13. Ex Haz. Waste	66570
Prevention	14. Communication	67121
	15. Aisle Space	67124
	16. Local Authority	67126
	17. Maintenance	67120
Contin. gency	18. Training	67105
	19. Prepared	67140
	20. Name List	67141
	21. Copies	67141
	22. Emg. Coord. Trng.	67144
Containers, Tanks	23. Condition	67241
	24. Compatibility	67242
	25. Maintenance	67243
	26. Inspection	67244
	27. Buffer Zone	67246
	28. Tank Inspection	67259
	29. Containment	67245
	30. Safe Storage	67261
	31. Freeboard	67257
	1b. TRANSPORTER	(Title 22)
32. Application		66428
33. Insurance		66428
34. Comp. Cert.		66448
35. CHP Insp.		66448
36. Containers		66465
Manifest	37. Vehicles	66465
	38. EPA ID #s	66531
	39. Correct	66541
	40. HW Delivery	66543
	41. Records	66544
Cont'rs	42. Name	66545
	43. Covers	66545
	44. Recyclables	66800

**Comments:** Emeryville F.D.  
 (1) 2,000 gal tank removed on arrival  
 (2) 3,000 gal tanks exposed + ready for removal  
 Tanks used 30 lbs / 1,000 gal. LEL measured with Gas Tech prior to removal.  
 (1) 6,000 gal tank  
 No obvious holes in tanks  
 Oakland F.D.  
 (2) 4,000 gal tanks  
 Numerous holes observed in west tank water spilled from tank as removed.  
 Excavation back filled w/ clean fill removed on this date, the other to be removed as 7/19

Contact: Terry Hamilton Applied Time: 1630  
 Title: President Senco 524-9653 Inspector: D Birne  
 Signature: Terry Hamilton Signature: D Birne



WHITE — ENV. HEALTH  
 YELLOW — FACILITY  
 PINK — FILES

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

County Use Only  
 Daily

## Hazardous Material Inspection Form

Site ID# \_\_\_\_\_ Site Name Dunne Paints Date: 7/19/88  
 Site Address 1000 41st St EPA ID# CAC 000 911 859 7  
 City, Zip Oakland 94608 Phone \_\_\_\_\_

MAX AMT stored >  
 500 lbs, 55 gal., 200 cft.?

### Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

The marked items represent violations of the Calif. Administrative Code (CAC) or the Health & Safety Code (HS&C)

<b>1a. GENERATOR (Title 22)</b>	
<input type="checkbox"/> 1. Waste ID	66471
<input type="checkbox"/> 2. EPA ID	66472
<input type="checkbox"/> 3. > 90 days	66508
<input type="checkbox"/> 4. Labels	66493
<input type="checkbox"/> 5. Biennial	66492
<b>Manifest</b>	
<input type="checkbox"/> 6. Records	66480
<input type="checkbox"/> 7. Correct	66484
<input type="checkbox"/> 8. Copy sent	66492
<input type="checkbox"/> 9. Excaption	66484
<input type="checkbox"/> 10. Copies Rec'd	66492
<b>Misc.</b>	
<input type="checkbox"/> 11. Treatment	66371
<input type="checkbox"/> 12. On-site Disp. (H.S.&C.)	25189.5
<input type="checkbox"/> 13. Ex Haz. Waste	66570
<b>Prevention</b>	
<input type="checkbox"/> 14. Communication	67121
<input type="checkbox"/> 15. Aisle Space	67124
<input type="checkbox"/> 16. Local Authority	67126
<input type="checkbox"/> 17. Maintenance	67120
<input type="checkbox"/> 18. Training	67105
<b>Contin. gency</b>	
<input type="checkbox"/> 19. Prepared	67140
<input type="checkbox"/> 20. Name List	67141
<input type="checkbox"/> 21. Copies	67141
<input type="checkbox"/> 22. Emg. Coord. Tmp.	67144
<b>Containers, Tanks</b>	
<input type="checkbox"/> 23. Condition	67241
<input type="checkbox"/> 24. Compatibility	67242
<input type="checkbox"/> 25. Maintenance	67243
<input type="checkbox"/> 26. Inspection	67244
<input type="checkbox"/> 27. Buffer Zone	67246
<input type="checkbox"/> 28. Tank Inspection	67259
<input type="checkbox"/> 29. Containment	67285
<input type="checkbox"/> 30. Safe Storage	67261
<input type="checkbox"/> 31. Freeboard	67257
<b>1b. TRANSPORTER (Title 22)</b>	
<input type="checkbox"/> 32. Application	66428
<input type="checkbox"/> 33. Insurance	66428
<input type="checkbox"/> 34. Comp. Cert.	66448
<input type="checkbox"/> 35. CHP Insp.	66448
<input type="checkbox"/> 36. Containers	66485
<b>Manifest</b>	
<input type="checkbox"/> 37. Vehicles	66465
<input type="checkbox"/> 38. EPA ID #s	66531
<input type="checkbox"/> 39. Correct	66541
<input type="checkbox"/> 40. HW Delivery	66543
<input type="checkbox"/> 41. Records	66544
<b>Cont'rs</b>	
<input type="checkbox"/> 42. Name	66545
<input type="checkbox"/> 43. Covers	66545
<input type="checkbox"/> 44. Recyclables	66800

### Comments:

Removal of final tank on site  
 4,000 gal - Paint Thinner

contaminated water within tank and in  
 excavation pumped out for disposal

Holes obvious in tank upon removal

15 drums of rinseate + excavation water to  
 be disposed of by Allied Petroleum.

2 soil samples taken from either end of the  
 tank (9')

3 soil samples from either end of 6,000 gal. (7')

2 soil sample from the west end of  
 trench 1.

clean backfill at Adeline St  
 end of 6,000 gal tank.

Monitoring wells to be sunk

1) 6,000 gal tank <sup>west</sup> end (Adeline)

2) 4,000 gal excavation (Adeline St end)

Contact: Terry Hamilton Applied Time: \_\_\_\_\_

Title: Sanco President 549-9153 Inspector: D Byrne

Signature: Terry Hamilton Signature: D Byrne

Please print or type. (Form designed for use on elite (12-pitch typewriter).)

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL POISON CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA12101911185191	Manifest Document No.	2. Page	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address FRANK W. DUNNE CO. 1007 W 11 ST OAKLAND, CA				A. State Manifest Document Number 87724029		
4. Generator's Phone 1652-1200				B. State Generator's ID		
5. Transporter 1 Company Name ERIKSON TRUCKING, INC		6. US EPA ID Number 1210191416312		C. State Transporter's ID 902366		
7. Transporter 2 Company Name TOM'S SERVICE CO.		8. US EPA ID Number 1210191416312		D. State Transporter's ID 902366		
9. Designated Facility Name and Site Address ERIKSON TRUCKING, INC 255 PARR BLVD RICHMOND, CA 94801				E. State Facility's ID 110235-1378		
10. US EPA ID Number 1210191416312				F. State Facility's Phone 415-235-1378		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. WASTE EMPTY STORAGE TANKS CALIFORNIA REGULATED WASTE ONLY			DRUM	4000		State EPA/Other
b.			DRUM	311810		State EPA/Other
c.						State EPA/Other
d.						State EPA/Other
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name CATHERINE DEGLON		Signature Catherine Deglon		Month Day Year 07/19/88		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Tom Rose Jr		Signature Tom Rose Jr		Month Day Year 07/19/88		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						
Printed/Typed Name		Signature		Month Day Year		

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA0009111 5397	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address FISH... 127... 204... 114				A. State Manifest Document Number 87505119		
4. Generator's Phone ( ) 52-1200				B. State Generator's ID		
5. Transporter 1 Company Name RICKSON TURNING INC.		6. US EPA ID Number PA000919164392		C. State Transporter's ID 9014/85		
7. Transporter 2 Company Name				D. Transporter's Phone ( ) 235-1393		
8. US EPA ID Number				E. State Transporter's ID		
9. Designated Facility Name and Site Address CALIFORNIA TURNING, INC. 255 Ruff Blvd. Redwood City, CA 94061				F. Transporter's Phone		
10. US EPA ID Number				G. State Facility's ID		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity	14. Unit
a. Empty Storage Tanks California Regulated Waste Only				No. Type		Wt/Vol
					3000	
					25%	
						State
						EPA/Other
						State
						EPA/Other
						State
						EPA/Other
						State
						EPA/Other
J. Additional Descriptions for Materials Listed Above Empty 350 Gallon Storage Tanks Day 1000... Day 1000... California				K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information TU						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name William T. Turner			Signature William Turner		Month Day Year 1 7 1986	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name JOHN DOUGLASS			Signature John Douglas		Month Day Year 1 27 1986	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name			Signature		Month Day Year	

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA13100001/18597		Manifest Document No. 901221		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address FRANK W. DUNNIE CO. 1007 4TH ST. # 94608 SACRAMENTO, CA 94608						A. State Manifest Document Number 87505070			
4. Generator's Phone 652-1200						B. State Generator's ID			
5. Transporter 1 Company Name ERICKSON TRAILING, INC.				6. US EPA ID Number 1013100194101312		C. State Transporter's ID 901485			
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone 415-235-1393			
9. Designated Facility Name and Site Address ERICKSON TRAILING, INC. 250 PARK BLVD. SACRAMENTO CA 94501				10. US EPA ID Number 1013100194101312		E. State Transporter's ID			
						F. Transporter's Phone			
						G. State Facility's ID			
						H. Facility's Phone 415-235-1393			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.
a. Waste Empty Storage Tanks California Regulated Waste Only			2000		2000		2000		State 512
b. Waste Empty Storage Tanks California Regulated Waste Only			3000		3000		3000		State 512
c. Waste Empty Storage Tanks California Regulated Waste Only			6000		6000		6000		State 512
d.									State
16. Additional Descriptions for Materials Listed Above Empty 550 Gallon Storage Tanks Dry Ice 1/307 dry ice per 1000						K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name KOLNEY E. O'NEAL				Signature [Signature]		Month Day Year 17/8/88			
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name JOHN DOUGLASS		Signature [Signature]		Month Day Year 02/1/88	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space						5000			
						4000			
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name				Signature		Month Day Year			



Job No.: 5844.222

Client: ES Berkeley

Attention: Rick Makdisi

Project: Dunne Paints

Attached are the analytical reports for the soil samples received by this laboratory on 7-20-88.

Sample Preparation Data

Laboratory Sample No.	Client Sample ID	Test	Date collected	Date* extracted	Date analyzed	Date* 2nd col.
88071441	PIT 1	MOIS	7-18-88		7-22-88	
88071441	PIT 1	8020	7-18-88		7-20-88	
88071441	PIT 1	GCFID	7-18-88	7-20-88	7-26-88	
88071442	PIT 2-E	MOIS	7-19-88		7-22-88	
88071442	PIT 2-E	8020	7-19-88		7-25-88	7-26-88
88071442	PIT 2-E	GCFID	7-19-88	7-20-88	7-26-88	
88071443	PIT 2-W	MOIS	7-19-88		7-22-88	
88071443	PIT 2-W	8020	7-19-88		7-25-88	7-22-88
88071443	PIT 2-W	GCFID	7-19-88	7-20-88	7-26-88	
88071444	1A	MOIS	7-19-88		7-22-88	
88071444	1A	8020	7-19-88		7-25-88	7-26-88
88071444	1A	GCFID	7-19-88	7-20-88	7-26-88	
88071445	2A	MOIS	7-19-88		7-22-88	
88071445	2A	8020	7-19-88		7-20-88	7-26-88
88071445	2A	GCFID	7-19-88	7-20-88	7-26-88	
88071446	3A	MOIS	7-19-88		7-22-88	
88071446	3A	8020	7-19-88		7-20-88	7-26-88
88071446	3A	GCFID	7-19-88	7-20-88	7-26-88	
88071447	4A	MOIS	7-19-88		7-22-88	
88071447	4A	8020	7-19-88		7-20-88	7-28-88
88071447	4A	GCFID	7-19-88	7-20-88	7-26-88	

\* If applicable

CASE NARRATIVE

Samples No.: 88071441-88071447

WORK ORDER NO.: 757

NOTE: Due to numerous interferences, positive confirmation and identification for Ethylbenzene and Xylenes are questionable in these samples, as analyzed by the 8020 method.

DETECTION LIMITS  
ENVIRONMENTAL QUALITY PARAMETERS  
SAMPLES NO.: 88071441-88071447

Parameter	Detection Limits
Moisture	1 %

The method detection limits listed are based upon the EPA method listed. Dilution or other deviations from the normal procedures, required due to characteristics of a sample, will influence these values. These changes are described in the report narrative if applicable.

DETECTION LIMITS  
FID SCAN  
SAMPLES NO.: 88071441-88071447

<u>Compound</u>	<u>Detection Limits</u>
Petroleum Hydrocarbons	
#2 Diesel	10,000 ug/Kg
Gasoline	10,000 ug/Kg
Stoddard	10,000 ug/Kg

The method detection limits listed are based upon the EPA method listed. Dilution or other deviations from the normal procedures, required due to characteristics of a sample, will influence these values. These changes are described in the report narrative if applicable.



DETECTION LIMITS  
AROMATIC VOLATILE ORGANICS  
EPA METHOD 8020  
SAMPLES NO.: 88071441 & 88071443

<u>Compound</u>	<u>Detection Limits</u>
Benzene	0.2 ug/Kg
Chlorobenzene	0.2 ug/Kg
1,2-Dichlorobenzene	0.4 ug/Kg
1,3-Dichlorobenzene	0.4 ug/Kg
1,4-Dichlorobenzene	0.3 ug/Kg
Ethylbenzene	0.2 ug/Kg
Toluene	0.2 ug/Kg
Xylenes (Dimethyl benzene)	0.4 ug/Kg

The method detection limits listed are based upon the EPA method listed. Dilution or other deviations from the normal procedures, required due to characteristics of a sample, will influence these values. These changes are described in the report narrative if applicable.

DETECTION LIMITS  
AROMATIC VOLATILE ORGANICS  
EPA METHOD 8020  
SAMPLES NO.: 88071442 & 88071445-88071447

<u>Compound</u>	<u>Detection Limits</u>	
Benzene	200	ug/Kg
Chlorobenzene	200	ug/Kg
1,2-Dichlorobenzene	400	ug/Kg
1,3-Dichlorobenzene	400	ug/Kg
1,4-Dichlorobenzene	300	ug/Kg
Ethylbenzene	200	ug/Kg
Toluene	200	ug/Kg
Xylenes (Dimethyl benzene)	400	ug/Kg

The method detection limits listed are based upon the EPA method listed. Dilution or other deviations from the normal procedures, required due to characteristics of a sample, will influence these values. These changes are described in the report narrative if applicable.

DETECTION LIMITS  
AROMATIC VOLATILE ORGANICS  
EPA METHOD 8020  
SAMPLE NO.: 88071444

Compound	Detection Limits	
Benzene	2000	ug/Kg
Chlorobenzene	2000	ug/Kg
1,2-Dichlorobenzene	4000	ug/Kg
1,3-Dichlorobenzene	4000	ug/Kg
1,4-Dichlorobenzene	3000	ug/Kg
Ethylbenzene	2000	ug/Kg
Toluene	2000	ug/Kg
Xylenes (Dimethyl benzene)	4000	ug/Kg

The method detection limits listed are based upon the EPA method listed. Dilution or other deviations from the normal procedures, required due to characteristics of a sample, will influence these values. These changes are described in the report narrative if applicable.

ANALYSIS REPORT

WORK ORDER NUMBER: 757  
JOB NUMBER : ZB0000000443  
WORK ORDER DATE : 07/20/88

APPROVED BY *RWB*  
Lab Supervisor

REPORT DATA:  
ES BERKELEY/DUNNE PAINTS  
600 BANCROFT WAY  
BERKELEY, CA 94710  
RICK MAKDISI

CLIENT DATA:  
ES BERKELEY/DUNNE PAINTS ( 138)  
600 BANCROFT WAY  
BERKELEY, CA 94710

# OF REPORT COPIES: 1

CONTRACT / PO # : 5844.222  
CONTACT : RICK MAKDISI  
(415)-548-7970

TASK: 3, UNITS: 2

	PIT 1	PIT 2-E	PIT 2-W	1A	2A	3A
TEST COMPOUND	88071441	88071442	88071443	88071444	88071445	88071446
-----	-----	-----	-----	-----	-----	-----
% MOISTURE	19.1	17.7	20.8	15.5	14.6	20.1

ANALYSIS REPORT FOR WORK ORDER NUMBER 757

TASK: 3, UNITS: 2

4A

TEST COMPOUND

88071447

-----  
% MOISTURE

25.4

ANALYSIS REPORT

WORK ORDER NUMBER: 757  
JOB NUMBER : ZB0000000443  
WORK ORDER DATE : 07/20/88

APPROVED BY *[Signature]*  
Lab Supervisor

REPORT DATA:  
ES BERKELEY/DUNNE PAINTS  
600 BANCROFT WAY  
BERKELEY, CA 94710  
RICK MAKDISI

CLIENT DATA:  
ES BERKELEY/DUNNE PAINTS ( 138)  
600 BANCROFT WAY  
BERKELEY, CA 94710

# OF REPORT COPIES: 1

CONTRACT / PO # : 5844.222  
CONTACT : RICK MAKDISI  
(415)-548-7970

TASK: 4, UNITS: ug/Kg, GROUP 8020

	PIT 1	PIT 2-E	PIT 2-W	1A	2A	3A
TEST COMPOUND	88071441	88071442	88071443	88071444	88071445	88071446
BENZENE	ND	ND	ND	ND	ND	ND
MONOCHLOROBENZENE	ND	ND	ND	ND	ND	ND
DICHLOROBENZENE	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	ND	ND	ND	ND	ND	ND
ETHYL BENZENE	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND
XYLENES	ND	13,000	3.0	360000	22,000	82,000

ANALYSIS REPORT FOR WORK ORDER NUMBER 757

TASK: 4, UNITS: ug/Kg, GROUP 8020

4A

TEST COMPOUND 88071447

BENZENE	ND
CHLOROBENZENE	ND
1,2-DICHLOROBENZENE	ND
1,3-DICHLOROBENZENE	ND
1,4-DICHLOROBENZENE	ND
ETHYL BENZENE	ND
TOLUENE	ND
XYLENES	4,800

ANALYSIS REPORT

WORK ORDER NUMBER: 757  
JOB NUMBER : ZB0000000443  
WORK ORDER DATE : 07/20/88

APPROVED BY *R. W. Burton*  
Lab Supervisor

REPORT DATA:  
ES BERKELEY/DUNNE PRINTS  
600 BANCROFT WAY  
BERKELEY, CA 94710  
RICK MAKDISI

CLIENT DATA:  
ES BERKELEY/DUNNE PRINTS ( 138)  
600 BANCROFT WAY  
BERKELEY, CA 94710

# OF REPORT COPIES: 1

CONTRACT / PO # : 5844.222  
CONTACT : RICK MAKDISI  
(415)-548-7970

TASK: 4, UNITS: ug/Kg, GROUP GCFID

	PIT 1	PIT 2-E	PIT 2-W	1A	2A	3A
TEST COMPOUND	88071441	88071442	88071443	88071444	88071445	88071446
-----						
#2 DIESEL	ND	ND	ND	ND	ND	ND
COKE	ND	ND	ND	ND	ND	ND
Card	ND	900,000	24,000	14,000,000	320,000	1,400,000



ANALYSIS REPORT FOR WORK ORDER NUMBER 757

TASK: 4, UNITS: ug/Kg, GROUP GCFID

4A

TEST COMPOUND 88071447

-----  
#2 DIESEL ND  
GASOLINE ND

Stoddard 1,100,000

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE.
REPORT DATE 0 <u>M</u> 2 <u>M</u> 1 <u>D</u> 6 <u>D</u> 8 <u>Y</u>	CASE #	SIGNED _____ DATE _____

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT William T. Turner	PHONE (415) 652-1200	SIGNATURE 	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME Frank W. Dunne Co.		
	ADDRESS 1007 41st Street Oakland CA 94608			

RESPONSIBLE PARTY	NAME Frank W. Dunne Co. <input type="checkbox"/> UNKNOWN	CONTACT PERSON William T. (Terry) Turner	PHONE (415) 652-1200
	ADDRESS 1007 41st Street Oakland Alameda CA 94608		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) Dunne Quality Paints	OPERATOR William T. Turner	PHONE (415) 652-1200	
	ADDRESS 1007 41st Street Oakland 94608			
	CROSS STREET Adeline Street	TYPE OF AREA <input type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER	TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input checked="" type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER	

IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda Co. Health Agency Dept. of Environmental Health	CONTACT PERSON Elizabeth Rose	PHONE (415) 874-7237
	REGIONAL BOARD San Francisco Bay Region State Water Quality Control Board	CONTACT PERSON Greg Zenker	PHONE (415) 464-1235

SUBSTANCES INVOLVED	(1) NAME Chevron 350 R Thinner (Mineral Spirits)	QUANTITY LOST (GALLONS) <input type="checkbox"/> UNKNOWN
	(2) NAME Chevron 410 R Thinner (Mineral Spirits)	QUANTITY LOST (GALLONS) <input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 0 <u>M</u> 1 <u>M</u> 2 <u>D</u> 5 <u>D</u> 8 <u>Y</u>	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input checked="" type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> OTHER Filling to close/remove tanks
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 <u>M</u> 2 <u>M</u> 1 <u>D</u> 9 <u>D</u> 8 <u>Y</u>	

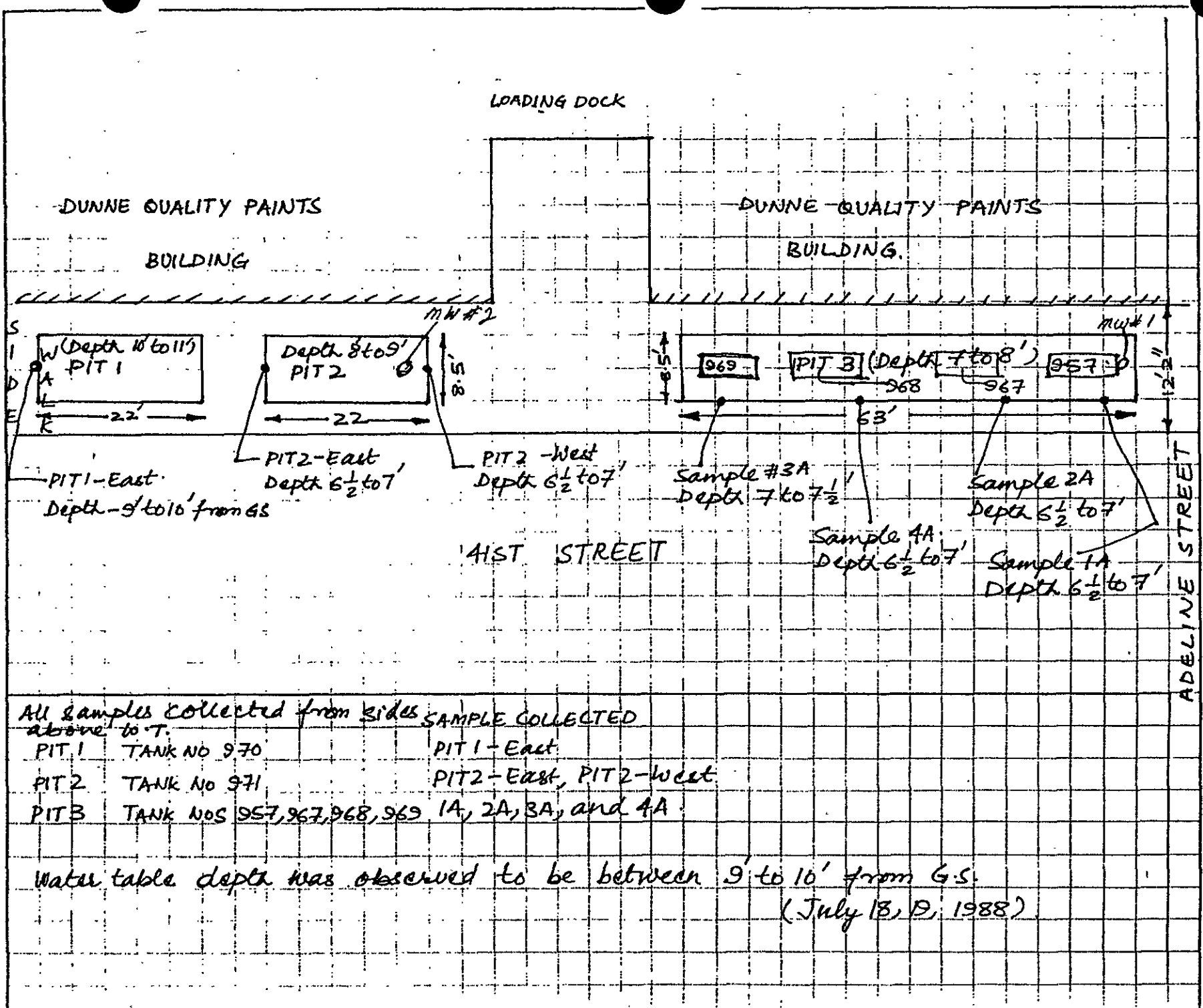
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	TANKS ONLY CAPACITY of 18,000 GAL AGE 25+ YRS <input type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER
--------------	---	---	--	--

CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input checked="" type="checkbox"/> OTHER (OT) <i>filled all tanks, supply is</i>
-----------------	--

In accordance to closing the six underground tanks on our property (1-6,000 gal, 2-3,000 gal, 1-2,000 gal, and 2-2,000 gal (estimated), we hired L.W. Environmental Services, Inc. to perform a soils report. This report showed some soils contamination. The completed report has previously been forwarded to the above implementing agencies to determine recommended remedial action including removal of tanks.



All samples collected from sides above to T. SAMPLE COLLECTED

PIT 1	TANK NO 970	PIT 1 - East
PIT 2	TANK NO 971	PIT 2 - East, PIT 2 - West
PIT 3	TANK NOS 957, 967, 968, 969	1A, 2A, 3A, and 4A

Water table depth was observed to be between 9' to 10' from G.S.  
(July 13, 19, 1988)

Client

Senco.

Subject

U.S.T. Removal

Job No.

N. Available.

By

Amy Kuyh.

Sheet

of

Date

July 19, 88

Rev.

Checked

TANK NO	1-957	2-967	3-968	969	5-970	6-971
CAPACITY (G)	6000	3000	3000	2000	4000	4000
DIAMETER (Inches)	96	76.5	75.5	75.5	79"	79
LENGTH	17' 4"	13' 1"	13' 1"	9'	16' 9"	16' 9"
STEEL/GLASS	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
LAST CONTAINED	PAINT THINNER (PT) PT		PT	PT	PT	PT
CONDITION	SMALL LEAK	INTACT	INTACT	INTACT	BADLY DAMAGED	DAMAGED.
DATE PULLED	July 18, 88	July 18, 88	July 18, 88	July 18, 88	July 18, 88	July 19, 88

**ENGINEERING SCIENCE, INC.  
CHAIN OF CUSTODY RECORD**

CLIENT: ENGINEERING-SCIENCE, INC. BERKELEY		PROJECT MANAGER: <i>Richard Malodise</i>		PROJ. NO.:		NO. OF CONTAINERS		ANALYSES REQUIRED				PRESERVED TO BE COMPOSITED BY LAB	REMARKS			
PROJECT NAME / LOCATION: <i>DUNNE QUALITY PAINTS { 41st Street Oakland }</i>								EPA 8240		EPA 8620 (Standard Solution)				PRESERVED TO BE COMPOSITED BY LAB		
SAMPLER(S): (SIGNATURE) <i>Ajay Singh</i>																
SAMPLE ID	DATE	TIME	MATRIX	SAMPLE LOCATION		EPA 8240		EPA 8620 (Standard Solution)		PRESERVED TO BE COMPOSITED BY LAB		REMARKS				
Pt1	7/18		Soil	Below VST 970.		1	✓					run 8240 later requested				
Pt2-E	7/19		Soil	Below VST 971		1	✓									
Pt2-W	"		Soil	" " "		1	✓									
1A	"		Soil	Big Pit with VST		1	✓									
2A	"		Soil	957, 967, 968, 969		1	✓									
3A	"		Soil			1	✓									
4A	"		Soil			1	✓									
RELINQUISHED BY: (SIGNATURE)		DATE/TIME		RECEIVED BY: (SIGNATURE)		RELINQUISHED BY: (SIGNATURE)		DATE/TIME		RECEIVED BY: (SIGNATURE)						
<i>[Signature]</i>		7/20/88 9:30		<i>[Signature]</i>		<i>[Signature]</i>		7/20 9:30 AM				REMARKS 24 hr. rush !!				

# HAGEMAN-AGUIAR, INC.

*Underground Contamination Investigations  
Groundwater Consultants, Environmental Engineering*

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3732 Mt. Diablo Blvd. Suite 372  
Lafayette, California 94549  
(510) 284-1661  
FAX (510) 284-1664

## REPORT OF LIMITED SOIL INVESTIGATION

FRANK W. DUNNE COMPANY  
1007 41st Street  
Oakland, CA

June 22, 1992

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ATTACHMENT A -- Boring Logs

ATTACHMENT B -- Analytical Results: Soil

## I. INTRODUCTION

Hageman-Aguiar, Inc. has conducted a limited soil investigation at the Frank W. Dunne paint manufacturing facility located at 1007 41st Street in Oakland, California. The location of the site is shown in Figure 1. At the request of the current property owner, the soil investigation was conducted in order to assess the environmental conditions at the site, with specific emphasis placed upon determining if there has been, to date, any environmental impact upon the near-surface soils beneath the site due to the historical operation of the facility. Although several of the soil borings extended to the shallow groundwater table, laboratory analyses were limited to those samples collected from above the saturated zone.



SCALE 1:24 000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET  
DOTTED LINES REPRESENT 5-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929



FIGURE 1.  
Site Location Map.

## II. SITE DESCRIPTION

### Vicinity Description and Hydrogeologic Setting

The soils beneath the site consist of Quaternary Alluvium overlying Franciscan bedrock (Geologic Map of California, San Francisco Sheet, State of California Division of Mines and Geology, 1980). Bedrock is likely to occur at a depth of greater than 50 feet beneath the site. On this portion of the low-lying Bay Plain in close proximity to San Francisco Bay, the soils beneath the site can be expected to consist primarily of fine grain soils (silts and clays), with the majority of shallow groundwater movement occurring in thin sand and gravel layers and/or "stringers".

Based upon the surface topography, as well as the various hydrologic features shown on the vicinity map, the general regional shallow groundwater can be expected to flow from the Berkeley Hills (area of groundwater recharge) and move westward and southwestward toward San Francisco Bay (area of discharge). On June 17, 1992, Hageman-Aguiar, Inc., surveyed the two existing on-site monitoring wells along with the one shallow groundwater monitoring well installed by Oakland National Engraving Company on the opposite side of 41st Street. The data from these monitoring wells indicate that the shallow groundwater flow beneath the site is calculated as being in a southwesterly direction, consistent with the expected regional shallow groundwater movement. The results of the shallow groundwater elevation measurements are presented in the "Report of Groundwater Sampling" by Hageman-Aguiar, Inc., dated June 22, 1992.

### Site Description

A map of the site is shown in Figure 2. This map shows the layout of the facility, along with the former locations of six underground storage tanks. All six of these tanks have subsequently been removed. At the time of the tank removals and excavation backfilling, the two shallow groundwater monitoring wells MW-1 and MW-2 were installed. At the present time, the entire site is covered by asphalt or concrete.

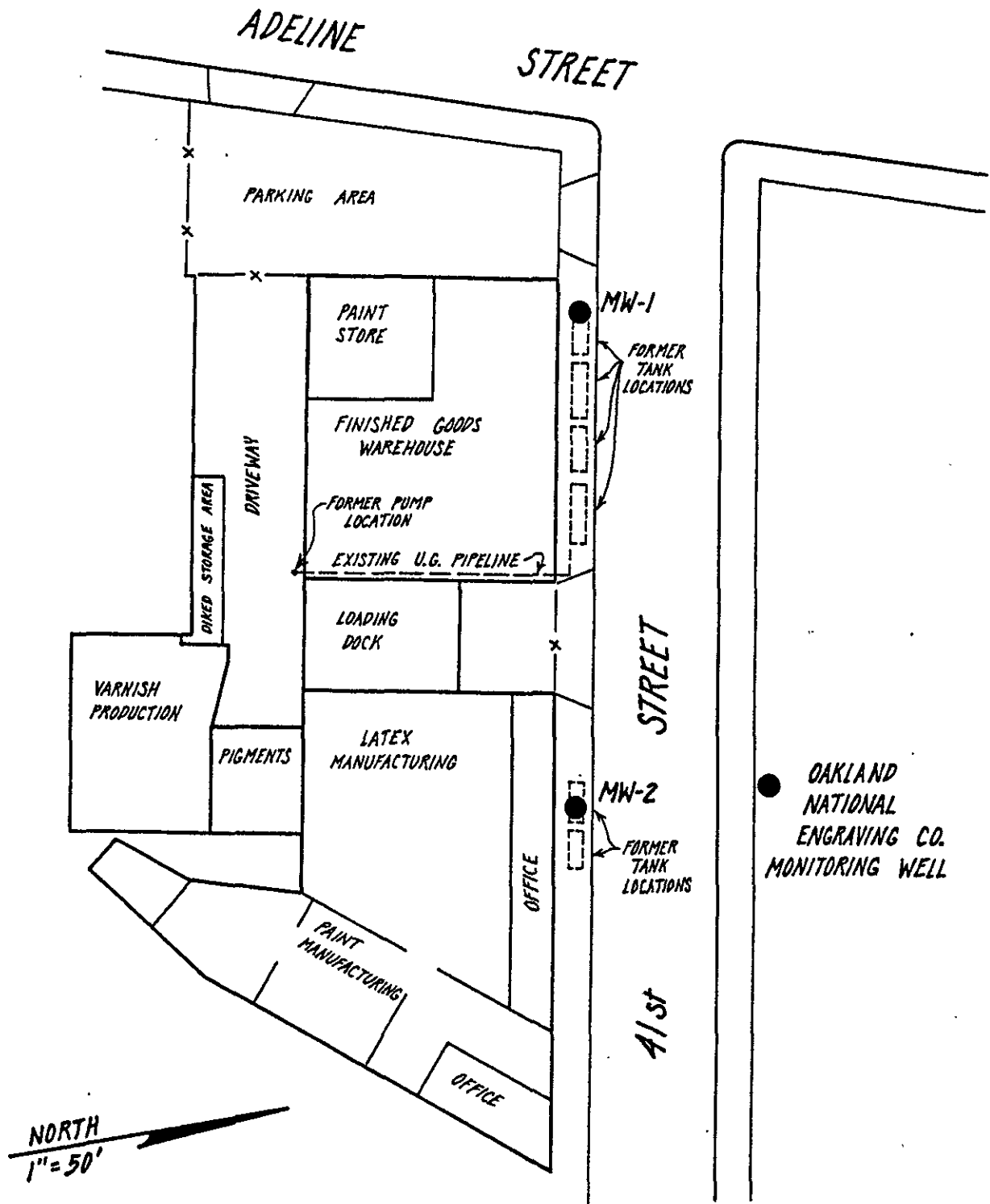


FIGURE 2.  
Site Map.

### III. FIELD WORK

#### Soil Sampling

On June 10, 1992, six soil borings were drilled on the property. The locations of the soil borings are shown on Figure 3.

Borings B-1, B-2, B-3 and B-4 were drilled by KL Drilling of Alameda, California, with a trailer-mounted drill rig using 4-inch solid stem augers. Due to access problems, borings B-5 and B-6 were hand-augered by Hageman-Aguiar personnel. At each soil boring location, soil samples for chemical analyses were collected at various depths by driving a split-barrel sampler fitted with brass liners. All samples were immediately placed on ice, then transported under chain-of-custody to the laboratory following the completion of the field work.

#### Boring Logs

The soil sampling operation was conducted under the supervision of Gary Aguiar (Registered Civil Engineer #34262). The boring logs are included as Attachment A.

As shown by the boring logs, the site is underlain by varying amounts of silt, clayey silty, and clay. It is known from recent groundwater sampling that the shallow groundwater table is present under 41st Street at a depth of approximately 6 feet below ground surface. Due to the raised elevation of the front parking area, as well as the finished grade of all of the on-site improvements, the shallow

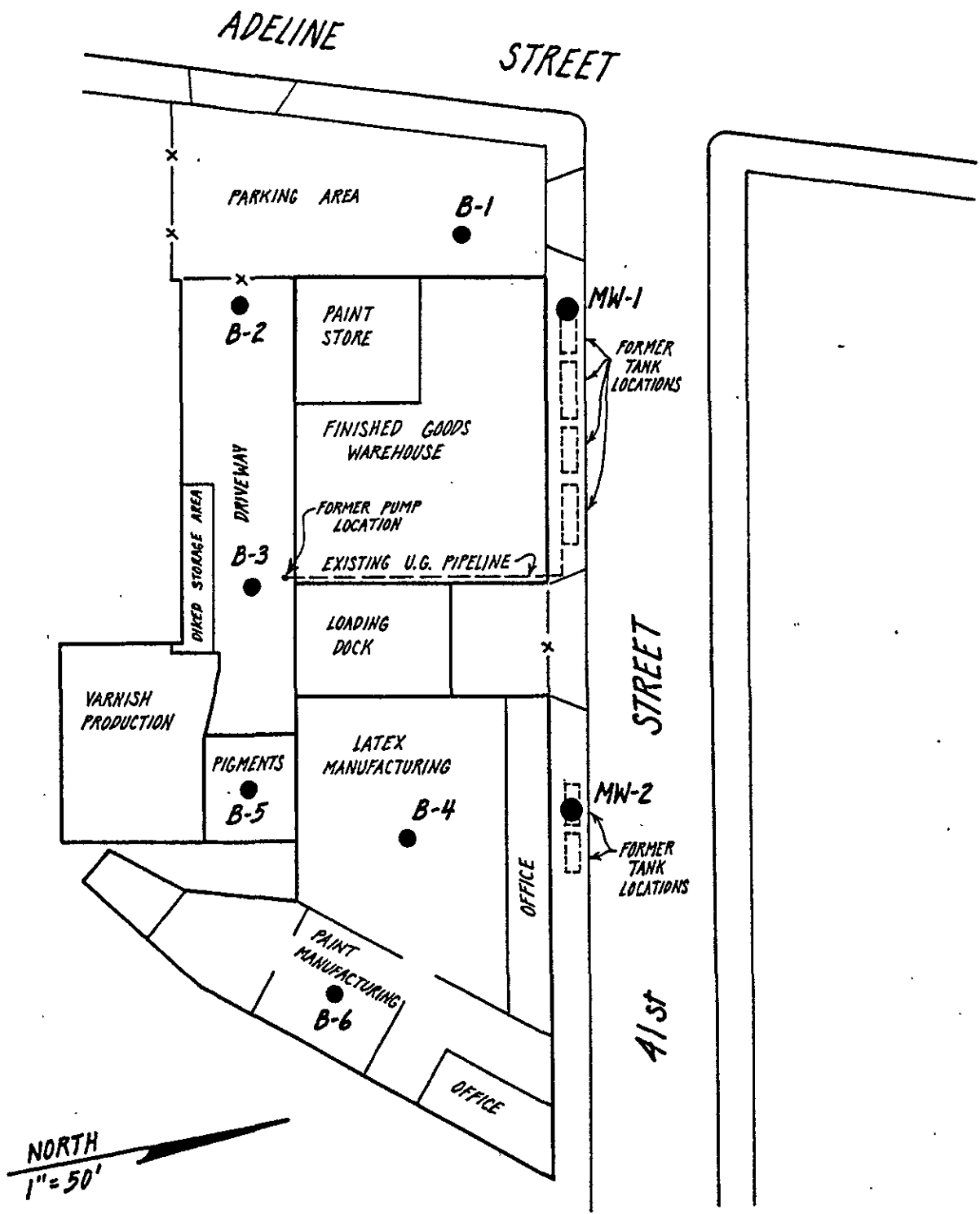


FIGURE 3.  
Soil Boring Locations.

groundwater was encountered in borings B-1 and B-2 at depths of approximately 12 feet below the ground surface. As noted on the logs of Borings B-1 and B-2, the soil above the shallow groundwater had a natural appearance, with no apparent chemical odor. When the shallow groundwater was encountered at both of these locations, however, apparent Paint Thinner/Mineral Spirits odor was noted. In addition, the grey coloration of the soil immediately above the water table is indicative of the presence of petroleum hydrocarbons.

Boring B-3 was located in close proximity to the former location of an above-ground pump used to transport Mineral Spirits from the underground tanks to the various on-site production areas. The soil sample collected at the 7-foot depth had a slight petroleum odor at this location. When the shallow groundwater was encountered at this location, the soil had a natural appearance, with no apparent odor.

At boring B-4, the soil above the shallow groundwater had a natural appearance, with no apparent chemical odor. The soil sample collected at a depth of 11 feet exhibited a slight petroleum odor that appears to be related to the presence of shallow groundwater.

Borings B-5 and B-6 were drilled by hand-augering, and were each completed to somewhat more shallow depths. At both of these locations, the samples had a natural appearance, with no apparent chemical odor. The samples collected from the 7-foot depths each had petroleum odor, with the sample from boring B-6 having a particularly strong Paint Thinner/Mineral Spirits odor. Boring B-6 was located in a particularly old portion of the facility, and the apparent odor at depth appears to be related to the presence of the shallow groundwater beneath the site.

### Borehole Sealing

Following the completion of the soil sampling operation, each boring was filled with neat cement grout.

### Laboratory Analysis

All analyses were conducted by a California State DOHS certified laboratory in accordance with EPA recommended procedures (Priority Environmental Labs, Milpitas, CA). All soil samples were analyzed for Total Petroleum Hydrocarbons as Gasoline, Benzene, Toluene, Ethylbenzene, and Total Xylenes (EPA method 8015) and Total Extractable Petroleum Hydrocarbons (EPA method 8015) with specific quantification for Paint Thinner (Mineral Spirits).

### Waste Generation

All drill cuttings were stockpiled on-site and covered with plastic sheeting, until the results of laboratory analyses were obtained. Depending upon these results, the cuttings should be disposed of as either a non-hazardous waste, or else transported as a hazardous waste under proper manifest to an appropriate TSD facility. In the case of contaminated soil, it may be possible to remove residual petroleum hydrocarbons concentrations by aeration under permit from the Bay Area Air Quality Management District (BAAQMD), and thereby facilitate disposal as a non-hazardous waste. The disposal of the drill cuttings is the responsibility of the property owner (waste generator), and is beyond the scope of work as described in this report.



#### IV. RESULTS OF INVESTIGATION

##### Analytical Results

Table 1 presents the results of the laboratory analysis of the soil samples collected from the six soil borings.

As shown in Table 1, the only petroleum hydrocarbon detected was Mineral Spirits. As noted on Table 1, the terms "Mineral Spirits", "Paint Thinner" and "Stoddard Solvent" are synonymous for the same petroleum distillate. No detectable concentrations of Benzene or any other petroleum hydrocarbons were detected in any of the soil samples that were analyzed.

A copy of the laboratory certificate is included as Attachment B.

##### Discussion of Results

As shown in Table 1, the analytical results appear to correspond with the field observations (boring logs) discussed in Section III. All of the near-surface soils encountered beneath the site appear to be unaffected by any subsurface petroleum contamination. That is, the results of this limited soil investigation indicate no subsurface contamination caused by historical above-ground activities, such as surface spillage of chemicals.

The qualitative results (odor, color, etc.) for the deeper samples, along with the analytical results for boring B-6, reflect a regional groundwater quality problem that appears

**TABLE 1. Soil Sampling Results**

Boring	Depth (feet)	TPH as Gasoline (mg/Kg)	TPH as Kerosene (mg/Kg)	TPH as Mineral Spirits (mg/Kg)	TPH as Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethylbenzene (ug/Kg)	Total Xylenes (ug/Kg)	Motor Oil (mg/Kg)
B-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-3	4	ND	ND	4.9	ND	ND	ND	ND	ND	ND
	7	ND	ND	1.5	ND	ND	ND	ND	ND	ND
B-4	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-5	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7	ND	ND	17	ND	ND	ND	ND	ND	ND
B-6	4	ND	ND	3.4	ND	ND	ND	ND	ND	ND
	7	ND	ND	620	ND	ND	ND	ND	ND	ND
<b>Detection Limit</b>		1.0	1.0	1.0	1.0	5.0	5.0	5.0	5.0	10

ND = Not Detected

NOTE: Mineral Spirits = Paint Thinner = Stoddard Solvent

11

to exist in the vicinity of the site. The characterization of the shallow groundwater quality in the vicinity of the subject site is beyond the scope of this limited soil investigation and may possibly be related to either 1) one or more up-gradient facilities that have historically stored and used Mineral Spirits, Paint Thinner and/or Stoddard Solvent or 2) residual concentrations of Mineral Spirits that may still be present in the shallow groundwater due the six underground storage tanks that were previously present on the subject site.

### Conclusions

The limited data generated by this investigation indicate that there has been, to date, no environmental impact upon the near-surface soils beneath the site caused by historical above-ground activities, such as surface spillage of chemicals.

REPORT OF LIMITED SOIL INVESTIGATION  
FRANK W. DUNNE COMPANY  
1007 41st Street, Oakland, CA

June 22, 1992

Gary Aguiar

EXP 9-30-95

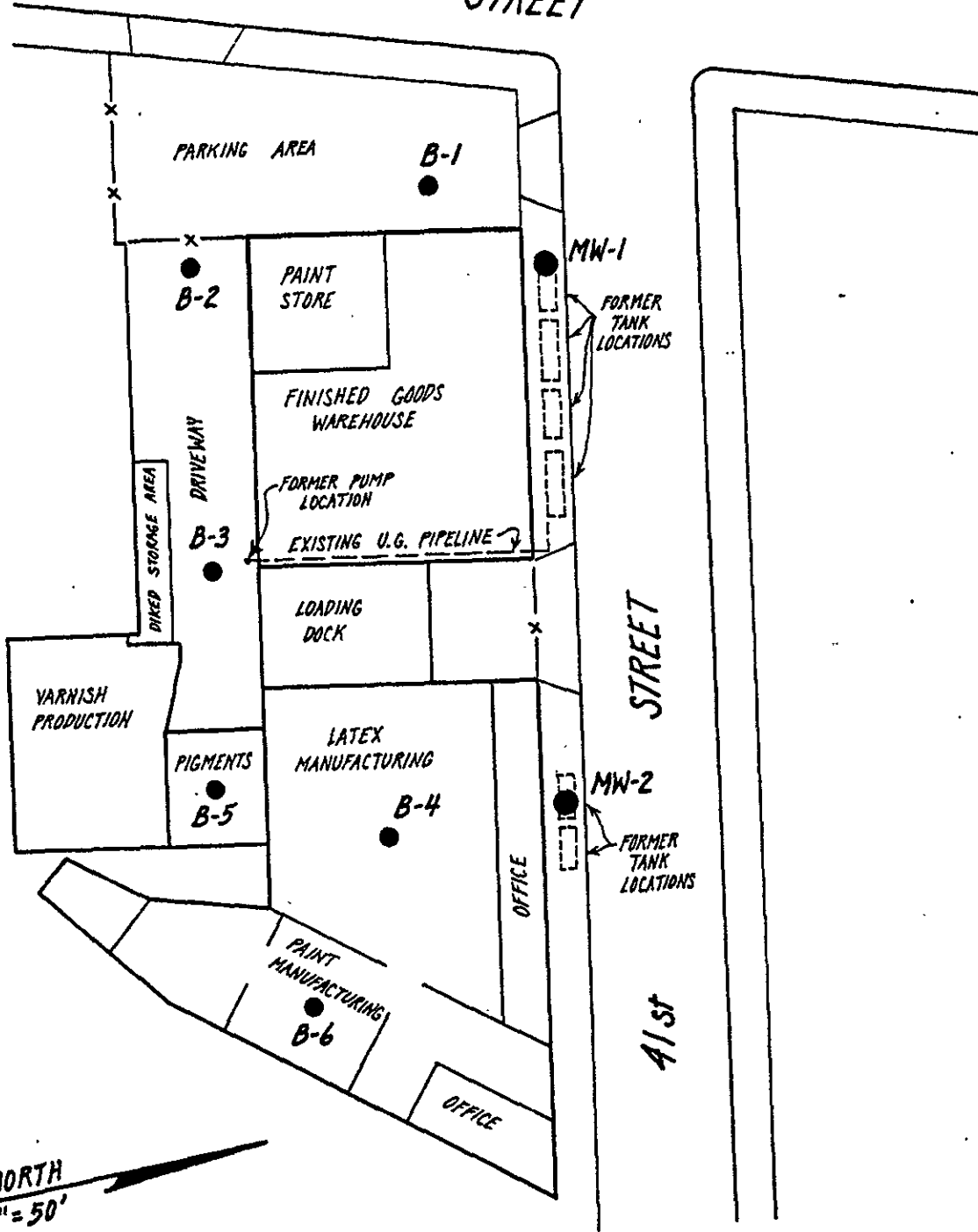
RCE 34262

Bruce Hageman

**ATTACHMENT A**

**SOIL BORING LOGS**

ADELINE STREET



NORTH  
1" = 50'

LOCATION OF BORING

PROJECT NAME & LOCATION  
FRANK W. DUNNE, 1007 41st, OAKLAND

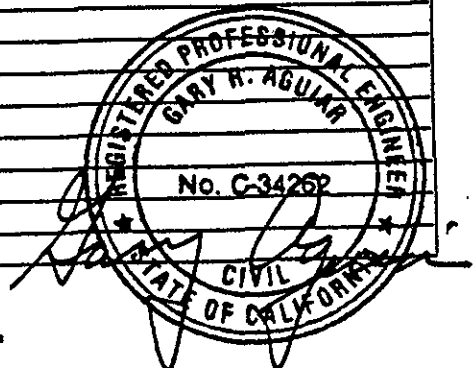
DRILLING METHOD: 4" SOLID STEM AUGER CME-45 DRILL RIG		BORING B-1
SAMPLING METHOD: 2" SPLIT BARREL SAMPLER WITH BRASS LINERS		SHT 1 of 1
WATER LEVEL		DRILLING
TIME		START TIME 0845
DATE		FINISH TIME 0930
CASING DEPTH	SCREEN	DATE 6/10/92

SEE SITE PLAN

SCALE: 1" =

inches DRIVEN	inches RECOVER	BLOW COUNT per 6 inches	TIME	DEPTH in feet	USCS	SURFACE CONDITIONS:
				0		ASPHALT
				1		BRN SAND & GRAVEL (FILL), SAND FINE TO MEDIUM, GRAVEL SUBANGULAR TO 1", GLASS FRAGMENTS
				2		
				3		
18	14	3/4/4	0855	4		DK BRN CLAYEY SILT (ML), DRY, SLIGHTLY CRUMBLY, OCCASIONAL COARSE SAND, OCCASIONAL GRAVEL TO 1/4"
				5		(NO ODOR)
18	15	2/3/4	0910	7		BRN SILTY CLAY (CL), SLIGHTLY MOIST, SOFT, MODERATELY CRUMBLY, VARIEGATED COLOR: RED BRN & DK BRN
				8		(NO ODOR)
18	16	4/7/8	0920	9		DK BRN CLAY (CL), VERY DARK COLOR, SLIGHTLY STIFF, ROOT/PLANT FIBERS
				10		(NO ODOR)
				11		
				12		
18	18	9/4/8	0930	14		GREY SANDY & GRAVELLY CLAY (CL), SATURATED, HIGH PERCENTAGE SAND & GRAVEL, MODERATELY STIFF, GRAVEL SUB-ANGULAR TO 1"
				15		(MINERAL SPIRITS ODOR)
				16		
				17		
				18		
				19		
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				96		
				97		
				98		
				99		
				100		

TOTAL DEPTH = 14 1/2' BLS



HAGEMAN - AGUIAR, INC.

ATION OF BORING

PROJECT NAME & LOCATION

FRANK W. DUNNE, 1007 41ST, OAKLAND

DRILLING METHOD:

4" SOLID STEM AUGER

BORING

B-2

CME-45 DRILL RIG

SHT

1 of 1

SAMPLING METHOD:

2" SPLIT BARREL SAMPLER  
WITH BRASS LINERS

DRILLING

START FINISH

TIME TIME

0945 1030

DATE

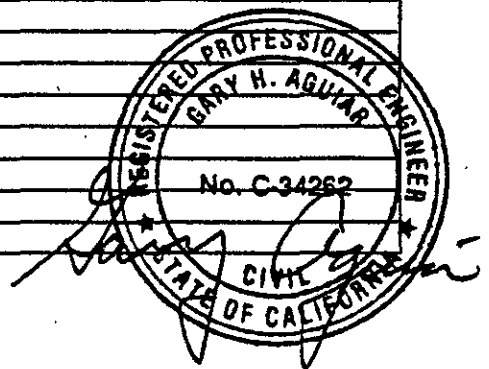
DATE DATE

6/10/92 6/10/92

SEE SITE PLAN

SCALE: 1" =

inches DRIVEN	inches RECOVER	BLOW COUNT per 6 inches	TIME	DEPTH in feet	USCS	SURFACE CONDITIONS:
				0		ASPHALT
				1		BASE ROCK
				2		DK BRN CLAYEY SILT (ML), SLIGHTLY MOIST, SLIGHTLY CRUMBLY (NO ODOR)
				3		
18	18	4/6/7	1000	4		SAME, VARIEGATED COLOR: BRN AND RUST COLOR, SLIGHTLY CLAYEY (NO ODOR)
				5		
18	18	2/2/3	1008	7		DK BRN CLAY (CL), SLIGHTLY MOIST, VERY DARK, SLIGHTLY STIFF, BRN PLANT FIBERS (NO ODOR)
				8		
18	16	5/7/9	1015	9		GREY CLAY (CL), MODERATE PLASTICITY, STIFF (SLIGHT PETROLEUM ODOR)
				10		
				11		
				12		
18	18	8/9/11	1030	14		GREY CLAY (CL), SATURATED, SLIGHTLY SOFT, INTERBEDDED WITH THIN SAND & GRAVEL LAYERS (MINERAL SPIRITS ODOR)
				15		
				16		TOTAL DEPTH = 14 1/2' BLS
				17		
				18		
				19		
				20		



HAGEMAN - AGUIAR, INC.



CATION OF BORING

SEE SITE PLAN

SCALE: 1" =

PROJECT NAME & LOCATION

FRANK W. DUNNE, 1007 41ST, OAKLAND

DRILLING METHOD:

4" SOLID STEM AUGER

BORING

B-3

CME-45 DRILL RIG

SHT

1 of 1

SAMPLING METHOD:

2" SPLIT BARREL SAMPLER  
WITH BRASS LINERS

DRILLING

START FINISH

WATER LEVEL

TIME TIME

TIME

1150 1220

DATE

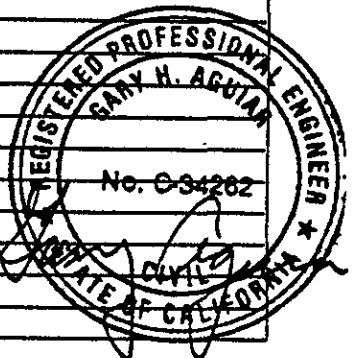
DATE DATE

CASING DEPTH

SCREEN

6/10/92 6/10/92

inches DRIVEN	inches RECOVER	BLOW COUNT per 6 inches	TIME	DEPTH in feet	USCS	SURFACE CONDITIONS:
				0		CONCRETE (6") RED BASEROCK
				1		
				2		DK GREY CLAYEY SILT (ML), NEARLY DRY, SLIGHTLY CRUMBLY, VERY DARK COLOR (NEARLY BLACK), LOW TO MODERATE CLAY CONTENT
				3		
T 18	16	3/3/4	1155	4		(NO ODOR)
				5		
				6		
T 18	15	3/4/4	1200	7		SAME, SOFTER, SLIGHTLY LIGHTER COLOR (SLIGHT PETROLEUM ODOR)
				8		
T 18	18	3/4/6	1210	9		DK GREY CLAY (CL), MODERATE PLASTICITY, SLIGHTLY STIFF, DENSE (NO ODOR)
				10		
				11		
				12		
				13		
				14		GREY BRN SILTY CLAY (CL), SLIGHTLY MOIST, STIFF, VARIEGATED COLOR: LT BRN & LT GREY (NO ODOR)
				15		
				16		
				17		
				18		SAME, SLIGHTLY MOIST, SOFT (NO ODOR)
				19		
				20		TOTAL DEPTH = 19' BLS



TION OF BORING

PROJECT NAME & LOCATION

FRANK W. DUNNE, 1007 41ST, OAKLAND

DRILLING METHOD:

4" SOLID STEM AUGER

BORING

B-4

CME-45 DRILL RIG

SHT

1 of 1

SAMPLING METHOD:

2" SPLIT BARREL SAMPLER

DRILLING

WITH BRASS LINERS

START

FINISH

WATER LEVEL

TIME

TIME

TIME

1300

1330

DATE

DATE

DATE

CASING DEPTH

SCREEN

9/10/92

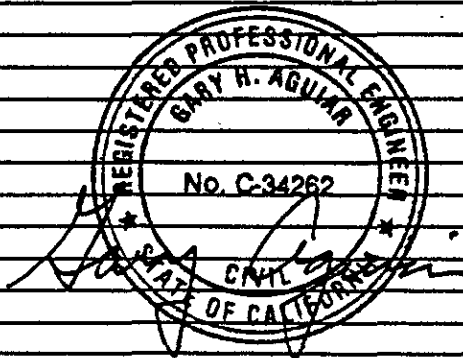
9/10/92

SEE SITE PLAN

SCALE: 1" =

inches DRIVEN	inches RECOVER	BLOW COUNT per 6 inches	TIME	DEPTH in feet	USCS	SURFACE CONDITIONS:
				0		CONCRETE
				1		
				2		DK BRN CLAYEY SILT (ML), NEARLY DRY, VERY DARK COLOR, CRUMBLY
				3		(NO ODOR)
18	15	4/4/5	1310	4		
				5		
				6		
18	16	3/4/4	1320	7		GREY CLAYEY SILT (ML), SOFT, MODERATELY CLAYEY, SLIGHTLY CRUMBLY
				8		(NO ODOR)
18		4/8/10 LOST SAMPLE	1325	9		DK GREY SILTY CLAY (CL), SLIGHTLY MOIST, DENSE, STIFF, NEARLY BLACK COLOR
				10		
18	18	8/10/15	1330	1		GREY SILTY CLAY (CL), SLIGHTLY MOIST, OCCASIONAL COARSE SAND, STIFF
				2		(SLIGHT PETROLEUM ODOR)
				3		
				4		
				5		
				6		
				7		
				8		
				9		
				0		

TOTAL DEPTH = 11 1/2' BLS



HAGEMAN - AGUIAR, INC.

FRANK W. DUNNE, 1007 41ST, OAKLAND

DRILLING METHOD:

4" HAND SAMPLER

BORING

B-5

SHT

1 of 1

SAMPLING METHOD:

2" SPLIT BARREL SAMPLER  
WITH BRASS LINERS

DRILLING

START FINISH

WATER LEVEL

TIME TIME

TIME

1330 1405

DATE

DATE DATE

CASING DEPTH

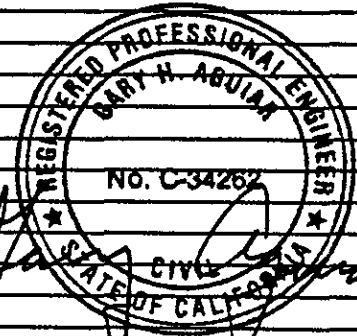
SCREEN

6/10/92 6/10/92

SEE SITE PLAN

SCALE: 1" =

inches DRIVEN	inches RECOVER	BLOW COUNT per 6 inches	TIME	DEPTH in feet	USCS	SURFACE CONDITIONS:
				0		CONCRETE
				1		
				2		DK BRN CLAYEY SILT (ML), DRY, DENSE
				3		(NO ODOR)
6	6		1355	4		
				5		
				6		
				7		GREY CLAYEY SILT (ML), VERY MOIST,
				8		LOW CLAY CONTENT
6	6		1405	8		(SLIGHT PETROLEUM ODOR)
				9		
				10		TOTAL DEPTH = 8' BLS
				1		
				2		
				3		
				4		
				5		
				6		
				7		
				8		
				9		
				0		



LOCATION OF BORING

PROJECT NAME & LOCATION

FRANK W. DUNNE, 1007 41ST, OAKLAND

DRILLING METHOD:

4" HAND AUGER

BORING

B-6

SHT

1 of 1

SAMPLING METHOD:

2" SPLIT BARREL SAMPLER  
WITH BRASS LINERS

DRILLING

START FINISH

WATER LEVEL

TIME

DATE

TIME

1405 1420

DATE

6/10/92 6/16/92

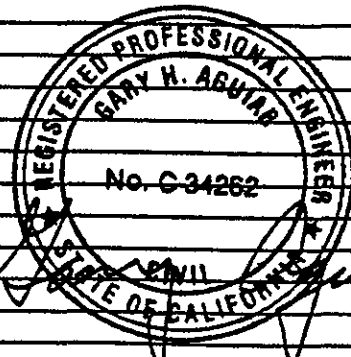
CASING DEPTH

SCREEN

SEE SITE PLAN

SCALE: 1" =

INCHES DRIVEN	INCHES RECOVER	BLOW COUNT per 6 inches	TIME	DEPTH In feet	USCS	SURFACE CONDITIONS:
				0		CONCRETE
				1		
				2		
				3		DK GREY CLAYEY SILT, SLIGHTLY MOIST, NEARLY BLACK COLOR
6	6		1415	4		(NO ODOR)
				5		
6	6		1420	7		SAME, MOIST (MINERAL SPIRITS ODOR)
				8		
				9		
				10		TOTAL DEPTH = 7' BLS
				11		
				12		
				13		
				14		
				15		
				16		
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				18		
				19		
				20		



HAGEMAN - AGUIAR, INC.

**ATTACHMENT B**

**ANALYTICAL RESULTS: SOIL**

# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

PEL # 920622

June 15, 1992

EMAN - AGUIAR

by: Gary Aguiar  
Twelve soil samples for Gasoline/BTEX and TEPH analyses.

Project name: Frank W. Dunne  
Project location: 1007 41th St. -Oakland

Sampled: June 10, 1992  
Extracted: June 11-14, 1992  
Date submitted: June 11, 1992  
Date analyzed: June 11-14, 1992

ULTS:

PLE	Paint Thinner (mg/Kg)	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)	Kerosene (mg/Kg)	Motor Oil (mg/Kg)
-4'	N.D.)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-7'	N.D.)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-4'	N.D.)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-7'	N.D.)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4.9)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-7'	1.5)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-4'	N.D.)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-7'	N.D.)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-4'	N.D.)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-7'	17)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-4'	3.4)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-7'	620)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ink	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
aked									
covery	92.3%	94.8%	104.2%	82.7%	81.3%	92.5%	87.0%	91.6%	----
licate									
iked									
covery	94.8%	105.6%	91.5%	101.1%	105.9%	100.2%	102.4%	----	----
ection									
limit	1.0	1.0	1.0	5.0	5.0	5.0	5.0	1.0	10
chod									
F	3550 /	5030 /	3550 /					3550 /	3550 /
alysis	8015	8015	8015	8020	8020	8020	8020	8015	8015

Mineral Spirits = Stoddard Solvents = Paint Thinner

*David Duong*  
David Duong  
Laboratory Director

# CHAIN OF CUSTODY REC.

PROJECT NAME AND ADDRESS:  
**FRANK W. DUNNE**  
**1007 41st ST.**  
**OAKLAND, CA.**

SAMPLER: (Signature) *[Signature]*  
**HAGEMAN-AGUIAR, INC.**  
 3732 Mt. Diablo Blvd, Suite 372  
 Lafayette, CA 94549  
 (415)284-1661 (415)284-1664 (FAX)

ANALYSIS REQUESTED

*TPH - GASOLINE*  
*BTEX*  
*TEPH*  
*KEROSENE, MINERAL SP.*  
*PAINT THINNER, STANDARD SOLV.*  
*DIESEL, MOTOR OIL*

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	TPH - GASOLINE	BTEX	TEPH	KEROSENE, MINERAL SP.	PAINT THINNER, STANDARD SOLV.	DIESEL, MOTOR OIL	REMARKS
B-1-4'	6/10/92	0855	X		BORING B-1 @ 4'	X	X	X				
B-1-7'		0910	X		" " @ 7'	X	X	X				
B-1-9'		0920	X		" " @ 9'							> HOLD
B-1-13.5'		0930	X		" " @ 13.5'							> HOLD
B-2-4'		1000	X		BORING B-2 @ 4'	X	X	X				
B-2-7'		1008	X		" " @ 7'	X	X	X				
B-2-9'		1015	X		" " @ 9'							> HOLD
B-3-4'		1155	X		BORING B-3 @ 4'	X	X	X				
B-3-7'		1200	X		" " @ 7'	X	X	X				
B-3-9'		1210	X		" " @ 9'							> HOLD
B-4-4'		1310	X		BORING B-4 @ 4'	X	X	X				
B-4-7'		1320	X		" " @ 7'	X	X	X				
B-4-11.5'		1330	X		" " @ 11.5'							> HOLD
B-5-4'		1355	X		BORING B-5 @ 4'	X	X	X				
B-5-7'		1405	X		" " @ 7'	X	X	X				

RELINQUISHED BY: (Signature) <i>[Signature]</i>	DATE <i>6/11/92</i>	TIME <i>0750</i>	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY: (Signature) <i>[Signature]</i>	DATE <i>06/11/92</i>	TIME <i>7:50</i>

# CHAIN OF CUSTODY RECORD

PROJECT NAME AND ADDRESS: <b>FRANK W. DUNNE 1007 41 ST ST. OAKLAND, CA</b>					SAMPLER (Signature) <i>[Signature]</i> <b>HAGEMAN - AGUIAR, INC.</b> 3732 Mt. Diablo Blvd., Suite 372 Lafayette, CA 94549 (415)284-1661 (415)284-1664 (FAX)		ANALYSIS REQUESTED <b>TPH - GASOLINE BTX TEPH KEROSENE, MINERAL SPIRITS, PAINT THINNER, STODDARD SOL. DIESEL MOTOR OIL</b>					
CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	REMARKS						
B-6-4'	6/10/92	1415	X		BORING B-6 @ 4'	X	X	X				
B-6-7'	6/10/92	1420	X		" " @ 7'	X	X	X				

RELINQUISHED BY: (Signature) <i>[Signature]</i>	DATE 6/11/92 TIME 0750	RECEIVED BY: (Signature)	DATE _____ TIME _____
RELINQUISHED BY: (Signature)	DATE _____ TIME _____	RECEIVED BY: (Signature)	DATE _____ TIME _____
RELINQUISHED BY: (Signature)	DATE _____ TIME _____	RECEIVED BY: (Signature)	DATE _____ TIME _____
RELINQUISHED BY: (Signature)	DATE _____ TIME _____	RECEIVED FOR LABORATORY BY: (Signature) <i>[Signature]</i>	DATE 06/11/92 TIME 7:50



**BLOCK ENVIRONMENTAL SERVICES**

2451 Estand Way  
Pleasant Hill, CA 94523-3911  
(925) 682-7200 FAX 886-0399

**GROUNDWATER, SOIL, & AIR SAMPLING  
RESULTS  
ONE, DUNNE PAINTS, CALIFORNIA LINEN  
OAKLAND/EMERYVILLE, CALIFORNIA**


**JULY 2000**

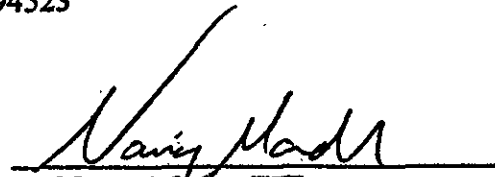
**Prepared for:**

O.N.E. Color Communications  
1001 42<sup>nd</sup> Street  
Oakland, CA 94608

**Prepared by:**

Block Environmental Services, Inc.  
2451 Estand Way  
Pleasant Hill, California 94523

  
\_\_\_\_\_  
Ronald M. Block, Ph.D., REA  
President

  
\_\_\_\_\_  
Nancy Mader, EIT  
Environmental Engineer

# BLOCK ENVIRONMENTAL SERVICES

2451 Estand Way  
Pleasant Hill, CA 94523-3911  
(925) 682-7200 FAX 686-0399

July, 21 2000

Ms. Susan Hugo, Senior Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway, 2<sup>nd</sup> Floor  
Alameda, California 94502

**Subject: Groundwater, Soil, and Air Sampling Results**  
**ONE Color Communications, 1001 42<sup>nd</sup> St., Oakland, California, and**  
**Former Dunne Paints 1007 41<sup>st</sup> Street, Emeryville, California**

Dear Ms. Hugo:

Block Environmental Services, Inc. (BES) is pleased to provide this report on behalf of ONE Color Communications (ONE) and the current owner of the former Dunne Paints facility for submission to the Alameda County Department of Environmental Health (ACDEH). A workplan outlining the tasks described in this report was submitted to the ACDEH on November 15, 1999, and subsequently approved by Ms. Susan Hugo. The scope of work covered in this report includes the collection of additional groundwater sampling data, subsurface characterization of the former Dunne Paints property, collection of air emissions data, and other tasks necessary to complete a human health risk assessment for the subject property. The purpose of the site work discussed in this report and the forthcoming risk assessment is to satisfy the requirements for obtaining a No Further Action finding for the two properties.

## GROUNDWATER SAMPLING

### *Sampling of Existing Monitoring Wells*

On December 14, 1999 BES took depth to groundwater measurements, purged, and collected groundwater samples from each of the seven remaining monitoring wells on and adjacent to the subject properties (MW-B2, MW-B3, MW-B4, MW-D1, MW-D2, MW-LD4, BES-1; locations shown on the attached site map). The depth to static water was measured in each well prior to purging using an electrically activated audible water level indicator accurate to 0.01 inches (Table 2). These measurements were used to calculate the volume of water in each well casing. Disposable bailers were used to purge at least three casing volumes of water prior to sampling. Well purge water was placed in fifty-five gallon drums for storage and disposal, pending receipt of analytical test results.

Samples were collected with a new teflon disposable bailer and a new length of nylon string for each well. Groundwater samples were retained in pre-cleaned, 1-liter, amber glass containers

supplied by the laboratory. Samples were labeled and stored in ice-filled coolers until delivery to analysis requested for each groundwater sample was for total petroleum hydrocarbons as mineral spirits (TPH-ms) using EPA Method 8015M. Copies of the well sampling logs with depth to groundwater measurements and purging information are included in Appendix A.

MW-B4 was the only well noted to have an odor, although it was slight. Floating product was not observed in the bailers collected from any of the wells on Dunne or ONE property. Table 1 below gives a summary of the analytical results from the groundwater sampling event. These values are also shown on the attached site map.

**Table 1: TPH-ms Concentrations in Permanent Monitoring Wells,  
December 14, 1999 Sampling Event**

All Data in  $\mu\text{g/L}$

Well No.	TPH-ms
MW-B2	630
MW-B3	ND < 50
MW-B4	5,100
BES-1	72,000
MW-LD4	440,000
MW-LD4 <sup>a</sup>	630,000
MW-D1	ND < 50
MW-D2	100

ND = Non-Detect

a. Grab sample collected January 13, 2000

Table A1 (attached) includes these results along with all other analytical results from previous site investigations. A copy of the analytical data as reported by the laboratory is included as an attachment. Figure 4 shows the concentrations measured in the monitoring wells on a site map. Due to the variability of concentrations on the site, based on spatial temporal relationships, site data does not lend itself to creating an iso-concentration or distance-versus-time diagrams. However, inspection of Table A1 and the site map (Figure: 3) illustrate trends at the site.

With the exception of MW-LD4, concentrations of TPH-ms were all lower than those measured the year before. The TPH-ms concentration in MW-B2 was three orders of magnitude lower than it had been measured in two previous sampling events. MW-B3 and MW-D1, which are the farthest down 41<sup>st</sup> Street and downgradient from the site, were both non-detect.

MW-LD4 exhibited a significant increase in concentration. Therefore, BES elected to collect a grab (i.e. the well as not purged prior to sample collection) sample from the MW-LD4 on January 13, 2000 to confirm whether the concentration reported appeared accurate, given that no floating product or significant odor was noted when the sample was collected. The concentration of TPH-ms in the grab sample was of the same order of magnitude as that collected on December 14, 1999.



### Groundwater Gradient

Depth to groundwater measurements made prior to well sampling and the corresponding water table elevations are shown in Table 2.

**Table 2: Groundwater Elevation Data, December 14, 1999**  
Elevations are given in feet above mean sea level (msl)

Well No.	Depth of Well (feet)	TOC Elevation (msl)	Depth to Water (feet)	Ground-water Elevation (msl)
MW-B2	23.35	50.77	6.50	44.27
MW-B3	20.88	49.02	5.08	43.94
MW-B4	21.50	49.74	6.05	43.69
MW-LD4	10.60	51.51	6.52	44.99
BES-1 <sup>a</sup>	30.00	-	10.98	-
MW-D1	12.50	49.35	4.60	44.75
MW-D2	12.55	50.56	5.80	44.76

a. Elevation of well casing has not been surveyed

Table A2 (attached) shows this data along with all groundwater elevation data collected in previous sampling events.

Groundwater elevations measured December 14, 1999 were nearly identical to those measured December 13, 1998, each differing by less than 1 percent. The data indicates that the flow direction can generally be described as to the west. A determination of the north-south component of the groundwater flow direction is difficult given the locations of the existing wells and that MW-B1 no longer exists. The fact that MW-B4 had the lowest elevation even though it is located almost linearly between MW-B3 and MW-B2 may indicate a localized condition brought about by the presence of a higher permeability layer (i.e. sand lens) within surrounding soils. This condition was also noted in 1998. Because of this inconsistency and the fact that an accurate determination of the north-south component of groundwater cannot be determined, a groundwater gradient diagram was not developed.

If a value is assumed for the hydraulic conductivity of the site's soils, the groundwater flow rate in an unconfined aquifer can be approximated using the Dupuit equation. The general range of hydraulic conductivity for clay is  $10^{-9}$  to  $10^{-6}$  cm/s, for silt, sandy silts and clayey sands it is  $10^{-6}$  to  $10^{-4}$  cm/s, and for silty sands and fine sands it is  $10^{-5}$  to  $10^{-3}$  cm/s (Fetter, 1994). Using  $10^{-5}$  cm/s as a conservative value for the site's Bay Mud soils yields a groundwater flow rate of 0.17 ft/year.

### Installation and Sampling of Temporary Monitoring Wells

In order to determine whether TPH-mineral spirits contamination has migrated downgradient to Adeline Street, as well as whether groundwater beneath the former Dunne Paints property has

been impacted by past or current operations on the property, BES selected four locations to install temporary monitoring wells and collect grab groundwater samples (HP-1, HP-2, HP-3, and HP-4). Their locations are shown on Figure 2.

C-57 licensed contractor Gregg Drilling, under the supervision of BES, advanced borings for the four temporary wells on December 14, 1999. Borings for the temporary wells were installed using direct-push (a.k.a. hydropunch) drilling methods, which minimized the generation of soil cuttings. Following completion of the borings the temporary wells were constructed by inserting a new, ¾-inch diameter, schedule 40 PVC pipe with flush-threaded joints into each boring. Each casing was assembled such that it was screened to at least two feet above the approximate depth of water table with 0.02-inch slots, while the remainder of the casing consisted of blank pipe.

Boring HP-4, located in a driveway on the former Dunne Paints property, was completed first. Saturated soil with a slight mineral spirits odor was encountered at a depth of approximately 10 feet below ground surface (bgs) and the boring was completed to 15 feet bgs. Following the completion of construction, no appreciable quantity of groundwater had entered the well by the end of the day on December 14. It is believed that this was due to smearing of the predominantly clay soils by the hydropunch as it was inserted into the boring.

HP-1 was completed following HP-4 to a total depth of 12 feet bgs. Groundwater flow into this well was slow, however BES was able to purge approximately one gallon from the well and collect a sample by the afternoon of December 14th.

Borings for HP-2 and HP-3 were completed following HP-1 to depths of 11.7 and 14.85 feet bgs, respectively. Although drilled to approximately 5 feet below the depth at which saturated soil was first encountered, as with HP-4, no groundwater had entered either of these wells by the end of the day on December 14. BES returned December 15 and was able to collect a grab groundwater sample (i.e. the well was not purged prior to sampling) by midday from HP-3. However HP-2 and HP-4 still did not have sufficient groundwater to sample. BES elected to abandon all of the wells, grout each of the borings, and return for a second day of drilling pending the availability of the drilling contractor.

BES and Gregg Drilling conducted a second day of drilling on January 13, 2000. By this time, BES had received analytical results from the groundwater samples collected on December 14 and 15. An appreciable concentration of TPH-mineral spirits (21,000 µg/L) was detected in the sample from HP-1. BES believed that, given the level of TPH-mineral spirits detected, cross-contamination may have occurred from either the drilling, purging, or sampling process. Therefore in addition to making a second attempt at installing HP-2 and HP-4 immediately adjacent to the original locations, BES elected to install a second boring for HP-1 as well. For the second round of drilling, 5 ½-inch augers were used in order to drill to greater depths and avoid the smearing affect experienced with the use of the hydropunch. Soil cuttings were placed in 55-gallon drums for storage and disposal.

HP-1, HP-2, and HP-4 were drilled to depths of 25, 20, and 30 feet bgs, respectively. One hour

after completion of drilling, approximately 3 feet of water had entered HP-1 and a grab sample was collected. HP-2 and HP-4 filled with water immediately after the completion of drilling, and grab samples were collected from each. Following sample collection on January 13, 2000 all temporary monitoring wells were abandoned and grouted to the surface with cement.

All groundwater samples from the temporary wells were collected using a stainless steel bailer cleaned with trisodium phosphate (TSP) solution, triple rinsed, and allowed to dry prior to use. Groundwater samples were retained in pre-cleaned, 1-liter, amber glass containers supplied by the laboratory. Samples were labeled and stored in ice-filled coolers under strict chain-of-custody protocols until delivery to Chromalab. The analysis requested for each groundwater sample was for TPH as mineral spirits using to EPA Method 8015M. Copies of the well sampling logs are included in Appendix A.

Table 3 below gives a summary of all analytical results from sampling of the four temporary monitoring wells.

**Table 3: TPH-ms Concentrations in Temporary Monitoring Wells,  
December 14-15, 1999, January 13, 2000 Sampling Events**

All Data in  $\mu\text{g/L}$  (ppb)

Well No.	TPH-ms
HP-1 <sup>a</sup>	21,000
HP-1 <sup>c</sup>	ND <50
HP-2 <sup>c</sup>	67
HP-3 <sup>b</sup>	ND < 56
HP-4 <sup>c</sup>	570

ND = Non-Detect

- a. Sample collected December 14, 1999
- b. Sample collected December 15, 1999
- c. Sample collected January 13, 1999

A copy of the laboratory data for each analysis is included as an attachment.

As discussed above, it is possible that the sample collected from HP-1 on December 14, 1999 was cross-contaminated from boring HP-4, which appears to have been confirmed by the analytical result for the grab sample collected from the same location on January 13, 2000. Therefore, it appears based on these results that TPH-ms contamination in groundwater has not migrated downgradient to Adeline Street. A low concentration of TPH-ms was detected in HP-2 near down 41<sup>st</sup> Street near Adeline. TPH-ms was detected in HP-4 at 570  $\mu\text{g/L}$ . The source of this contamination is unknown.

## SOIL SAMPLING

### *Borings at Former Dunne Paints*



**Ms. Susan Hugo**  
**Alameda County Health Care Services Agency**  
**Page 6**

BES collected soil samples from two locations in the former varnish production portion of the former Dunne Paints property (located in the center of its southern edge), which currently houses a furniture restoration business. One sample location (DV) was adjacent to what appeared to be a storm drain next to one of the former varnish kettles. Upon closer inspection during site sampling, it was apparent that this was actually an air vent servicing the adjacent former kettle, which probably served to provide oxygen to fires heating the kettles. Sampling was still conducted in this location to determine whether the vent maintained its integrity given that stains and solvents may have been poured into the vent. The second sampling location (DS) was an exposed rectangular patch of soil with approximate dimensions of 2 by 3 feet in another portion of the former Dunne Paints varnish production area.

On December 14, 1999 BES contracted with a concrete corer to core adjacent to the vent opening in order to access soil for sampling. The concrete adjacent to the vent was approximately 1 foot thick, and therefore boring with a hand auger began at this depth. Samples were collected at the soil surface (i.e. 1 foot bgs) 3, and 5 feet bgs using a hand auger assembly fitted with a split spoon sampler. Samples were collected in clean, two-inch diameter, six-inch long brass liners. Because hand augering the clay soils proved highly difficult and the samples and soil cuttings did not exhibit an odor or other evidence of contamination, BES halted the boring after collecting the sample at 5 feet. The boring was subsequently grouted to the surface with concrete.

Only the sample from 3 feet bgs (DV3) was submitted for laboratory analysis, since it would provide the best indication of whether soil had been contaminated in this area given that it was immediately below the depth of the vent conduit (believed to be approximately 2 feet bgs). The remainder of the sample was held in a BES laboratory refrigerator cooled below 4°C pending analytical results for DV3.

On January 13, 2000, BES collected samples in 2-inch brass liners from the exposed patch of soil at the soil surface (DS-0) and a depth of 2 feet bgs (DS-2). Soil was excavated with a clean, stainless steel hand shovel to a depth of 2 feet. A 1-inch layer of crust, perhaps hardened lacquer or similar substance, requiring the use of a pick to break through, was encountered just below the surface. A piece of this layer was included in the soil sample collected at the surface. The surface sample had a TPH-ms odor; this odor dissipated with depth and was not apparent in the sample collected from 2 feet bgs.

Samples were sealed with teflon tape capped, labeled, and stored in ice-filled coolers under strict chain-of-custody protocols until delivery to Chromalab. Samples DV3, DS-0, and DS-2 were analyzed by Chromalab for metals (EPA Method 6010), volatile organic compounds (VOCs) (8260), semi-volatile organic compounds (8270), and TPH as mineral spirits (8015).

A summary of the concentrations of detected chemicals in these samples is provided in Table 4.

**Table 4: Concentrations of Detected Chemicals in Soil Samples  
 From Former Dunne Paints Varnish Production Area  
 December 15, 1999, January 13, 2000 Sampling Events**  
 All Data in mg/kg (ppm)

Depth	DV-3	DS-0	DS-2
	3 feet	Surface	2 feet
Antimony	ND < 2.0	6.5	ND < 2.0
Arsenic	3.5	7.4	4.4
Barium	120	510	120
Cadmium	ND < 0.50	24	ND < 0.50
Chromium	34	93	33
Cobalt	10	88	9.9
Copper	24	100	33
Lead	9.8	1900	31
Molybdenum	ND < 1.0	3.1	ND < 1.0
Nickel	44	29	49
Vanadium	31	15	28
Zinc	72	4100	98
Mercury	0.055	2700	0.69
Acetone	0.055	ND < 12	ND < 0.05
Benzene	ND < 0.0050	2.3	ND < 0.0050
Napthalene	ND < 0.010	3.1, 32 <sup>a</sup>	ND < 0.010
Xylenes	ND < 0.010	4.6	ND < 0.010
TPH-ms	ND < 10	15000	20

a. First quantity is from method 8260 for VOCs, second is from Method 8270 for SVOCs.

A copy of the laboratory data for all analytes is included as an attachment.

It does not appear that soils below the vent have been affected by site activities. The only organic compound detected was acetone, which is a common laboratory contaminant. Therefore, BES does not recommend further site work in this area.

Analytical results for DV-0 indicate detectable levels of metals, benzene, naphthalene, xylenes, and TPH-ms. This contamination appears to be confined to surface soils, as the sample from a depth of 2 feet indicated only a detectable concentration of TPH-ms (20 mg/kg) among organics, and metals concentrations were significantly reduced. BES recommends excavation and disposal of the contaminated soil in this area to an appropriate land-fill.

## AIR SAMPLING

BES conducted ambient and emission flux chamber air sampling in order to provide data for use in the risk assessment concerning the emission of vapors from soil and groundwater into indoor air on the two properties. Both an indoor ambient sample (ONE-DESK) and a flux chamber



sample (ONE-FLUX) were collected from the basement of the ONE office and printing building, near 41<sup>st</sup> Street. A flux chamber sample only (DUNNE-FLUX) was collected from the Dunne Paints building in a room that was formerly used for solvent mixing. In addition, an ambient background sample (ONE-AMB) was collected from just north of the ONE building, adjacent to 42<sup>nd</sup> Street. Sampling locations are shown in Figure 3.

All samples except ONE-DESK were collected on December 15, 1999. ONE-DESK had to be re-sampled on January 13, 2000 due to a defective flow restrictor discovered once sampling had commenced on December 15, which invalidated the original sample. ONE-DESK was collected at a height of 3.5 feet, the approximate breathing zone height for an adult sitting at a desk. ONE-AMB was collected at a height of 5 feet, the approximate breathing zone height for a standing adult.

The ambient air samples were collected according to U.S. EPA Method TO 14, as described in *Compendium of Methods for the Determination of Air Pollutants in Indoor Air*, AREAL, 1989, Research Triangle Park. Samples were collected in stainless steel, 6-liter, passivated and pre-evacuated SUMMA canisters attached to flow constrictors set to meter a constant flow of air over an 8-hour sampling period. The sample collection procedure consisted of securing each canister at the specified location and height and noting the starting vacuum pressure once the inlet valve was opened. Each canister's pressure gauge was checked several times throughout the collection period in order to verify that the canister still held adequate vacuum pressure and was decreasing uniformly. At the end of the 8-hour sampling period the inlet valve on the canister was closed and the valve was sealed with a brass cap.

Flux chamber air samples were collected in stainless steel canisters placed on the floor surface, and then transferred into evacuated SUMMA canisters for transport to the analytical laboratory. Prior to sampling, the chambers were purged with inert, nitrogen gas. Following equilibration to steady state conditions (approximately six hours), a 6-liter aliquot was collected in a certified clean Summa<sup>®</sup> canister provided by the laboratory.

Once the samples were collected, the sealed SUMMA canisters were shipped overnight under chain-of-custody documentation to Air Toxics Ltd., a State-certified laboratory. Upon receipt, Air Toxics verified the validity of each VOC sample by checking that each canister had maintained vacuum pressure. According to the analytical method, the samples were then concentrated in a cryogenic trap and analyzed by Gas Chromatography/Mass Spectroscopy (GC/MS) for VOCs using a modified EPA Method TO 14, which included comparing the GC/MS results with approximately 80,000 specific VOCs in the National Bureau of Standards (NBS) library to identify all chemicals detected.

Table 5 shows the concentrations of all VOC compounds detected in the air samples.



**Table 5: Concentrations of Detected VOCs in Air Samples  
 December 14, 1999 and January 13, 2000**

All Data in  $\mu\text{g}/\text{m}^3$

Chemical	ONE-AMB	ONE-FLUX	ONE-DESK <sup>a</sup>	DUNNE-FLUX
Chloromethane	ND < 1.8	ND < 2.0	3.6/2.9	ND < 2.0
Methylene Chloride	3.1	4.6	4.0/3.7	72
Benzene	3.5	ND < 3.2	9.2/8.4	4.6
Toluene	11	15	270/280	110
Ethylbenzene	ND < 3.9	ND < 4.3	4.8/4.2	ND < 4.1
m,p-Xylene	ND < 3.9	ND < 4.3	18/18	5.7
o-Xylene	ND < 3.9	ND < 4.3	6.4/6.6	ND < 4.1
1,2,4-Trimethylbenzene	ND < 4.4	ND < 4.9	5.7/5.7	ND < 4.7
Acetone	12	170	290/290	670
2-Propanol	ND < 8.7	39	44/38	120
2-Butanone	ND < 10	ND < 12	ND < 11	12
Hexane	ND < 10	330	100/100	150
Cyclohexane	ND < 12	ND < 14	51/52	19
1,4-Dioxane	ND <	ND < 14	18/18	ND < 14
Ethanol	8.9	20	66/53	68
Heptane	ND	ND < 16	240/230	ND < 16
TPH-Hexane	43	750	2,200/2,300	1,800

a. Duplicate analysis performed by laboratory, both data reported.

A copy of the laboratory data for all analytes is included as an attachment.

### RISK ASSESSMENT CONCEPTUAL MODEL

U.S. EPA's Risk Assessment Guidance for Superfund specifies that a conceptual model "... identifies all potential or suspected sources of contamination, types and concentrations of contaminants detected at the site, potentially contaminated media, and potential exposure pathways, including receptors. The conceptual model is presented in Figure 4.

The former on-site underground storage tanks located under the sidewalk on either side of 41<sup>st</sup> Street are the only significant sources of contamination that have been identified at the site (Figure 3). The only material known to have been stored in them is mineral spirits for use in manufacturing paints by both Dunne and Boysen Paints, which formerly occupied the site. All tanks were excavated and removed in 1987 and 1988, and some or all were confirmed to have leaked.

Groundwater samples from throughout the site have been analyzed for VOCs and various types of TPH. Except for a few concentrations of BTEX compounds above analytical detection limits, all samples have been non-detect for VOCs (Table A1). Hydrocarbons detected in groundwater appear to most closely match the mineral spirits profile.

Soil and groundwater are known to be contaminated with TPH as mineral spirits. Indoor air

sampling in buildings on the ONE property and former Dunne Paints property indicated elevated levels of TPH and some VOCs in indoor air.

Areas of contamination, which occur under the ONE property, former Dunne Paints property, sidewalks on either side of 41<sup>st</sup> Street, and 41<sup>st</sup> Street, are completely paved with either concrete or asphalt. Therefore, there is no complete exposure pathway for contaminants in soil, either through the dermal, inhalation, or ingestion routes.

BES contacted the California Department of Water Resources to determine if there are any wells located within 2,000 feet of the site. DWR stated that the only wells located within this radius are groundwater monitoring wells. DWR could not provide further information on the wells without either consent from the well owner or a request from a regulatory agency. Because there are no drinking water wells in the site vicinity and drinking water in the vicinity is known to be supplied from surface water sources originating in the Sierra Nevada mountain range, BES concludes that groundwater in the vicinity of the site is not and is not likely to be used for drinking purposes, and ingestion of groundwater would not be considered a complete exposure pathway for the purpose of a human health risk assessment (HRA). In addition, it is known that a condition for site closure will be a deed restriction prohibiting the use of the site's groundwater.

No surface water is present at or near the site, and therefore dermal contact with contaminated water is not a potential exposure pathway.

Inhalation of chemicals present at the site is the only complete exposure pathway. The air sampling data presented above will be used to quantitatively assess risk to human health from this pathway. A surrogate approach will be used to address risk from TPH. The rationale for selection of a surrogate(s) will be detailed in the HRA.

Potential human receptors at the site under current land-use activities include adult workers. Because there are plans to develop the former Dunne Paints property for live/work space, a residential exposure scenario will also apply. In order to most conservatively assess risks to human health, the HRA will consider a child resident receptor to be the potentially maximally exposed individual (MEI).

A Risk Management Plan will be developed as part of the risk assessment to address planned construction activities for the former Dunne Paints property. Since contamination has been found on the former Dunne Paints property, procedures will need to be in place in order to protect worker health and safety and to provide procedures for dealing with contamination encountered during demolition/construction activities.

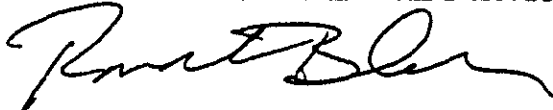
## CONCLUSIONS

- Groundwater sampling results were mostly consistent with those of previous sampling events. With the exception of one well, all wells had lower concentrations of TPH-ms than was measured in 1998.

- Detectable concentrations of TPH and several VOCs were present in ambient air as well as indoor air in buildings on the ONE and former Dunne Paints properties. This air sampling data will provide a basis for determining risks to human health in a risk assessment, as inhalation of contaminants in air is the only complete exposure pathway on-site.
- The risk assessment will use a conservative residential scenario to quantitatively assess risk to human health at both Dunne and ONE facilities.
- Surface soils from a 2 x 3 foot patch of exposed soil in the varnish production area of the former Dunne Paints facility should be excavated and disposed in an appropriate land-fill.
- Soils adjacent to a vent on the former Dunne Paints property appear not have been affected from apparent spills on concrete around the grate, and therefore BES does not recommend further site work in this area.

BES will proceed in preparing a human health risk assessment for the site. Please contact us if you have any questions or comments.

Very truly yours,  
BLOCK ENVIRONMENTAL SERVICES, INC.



Ronald M. Block, Ph.D., REA  
President

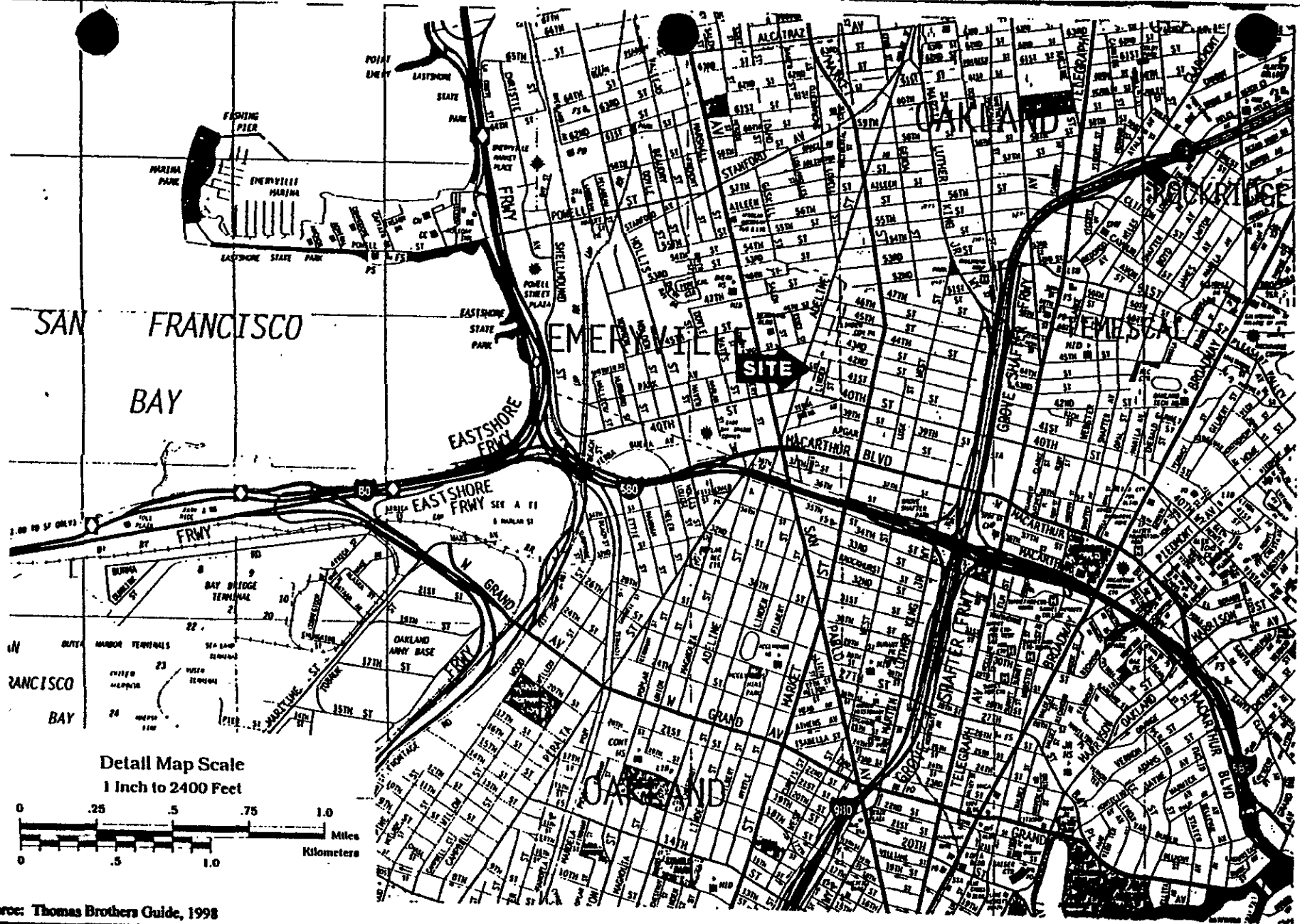


Nancy Mader, EIT  
Environmental Engineer

Attachments: Figures 1 to 4, Tables A1 and A2, Groundwater Sampling Logs, Laboratory Data Reports

cc: Chuck Headlee, San Francisco Bay Regional Water Quality Control Board  
L. Randolph Harris, Harris and Harris  
Kim Craft, ONE Color Communications

**FIGURES**



Source: Thomas Brothers Guide, 1998

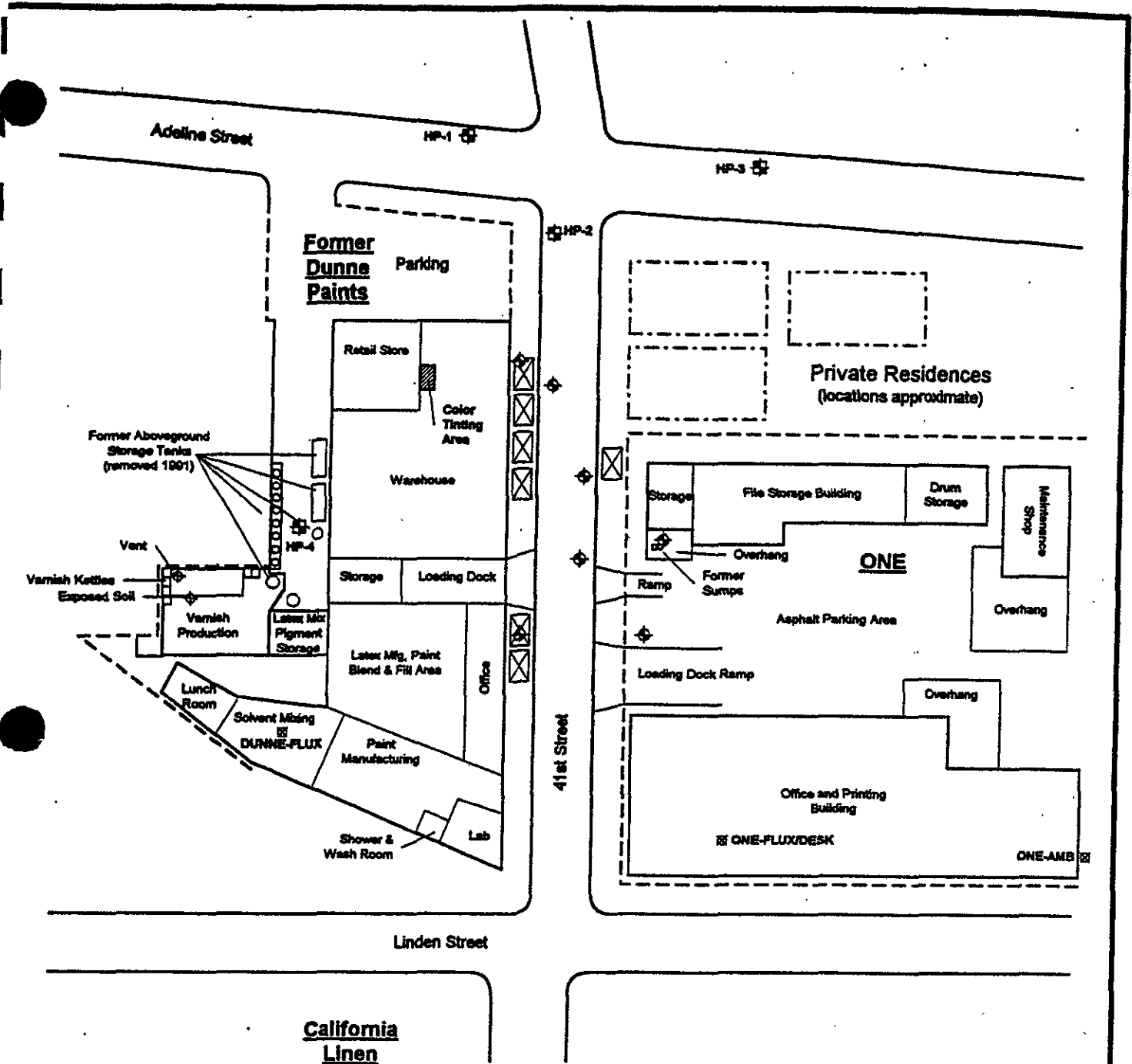
**BES**  
 BLOCK ENVIRONMENTAL SERVICES, INC.  
 2451 Estad Way  
 Pleasant Hill, CA 94523  
 (925) 682-7200 FAX 686-0399

Figure 1: Site Vicinity

ONE, Dunne Paints, California Linen  
 41<sup>st</sup> Street at Adeline and Linden  
 Oakland/Emeryville, California

Project No. 9813

January, 1999



- ☒ Former UST
- ◆ Monitoring Well
- ⊕ Temporary Well Location
- ⊕ Soil Boring Location
- ⊗ Air Sampling Location

**NES**  
 Black Environmental Services, Inc.  
 451 Estand Way  
 Pleasant Hill, CA 94523  
 (925) 682-7200 Fax: 686-0399

**Figure 3: Site Map With Property Use Since 1991**

**ONE/Former Dunne Paints**  
 41st Street at Adeline and Linden  
 Oakland/Emerville, California

Project No. 9813      March, 2000

N

MW-D1

MW-B3

MW-B1

MW-B4

MW-B2

BES-1

MW-D2

MW-LD4

Dunne  
Quality  
Paints

41st Street

ONE Color  
Communications

Linden Street

MW-2

MW-1

California  
Linen Rental

Monitoring Well  
Drawing Not to Scale

**BES**

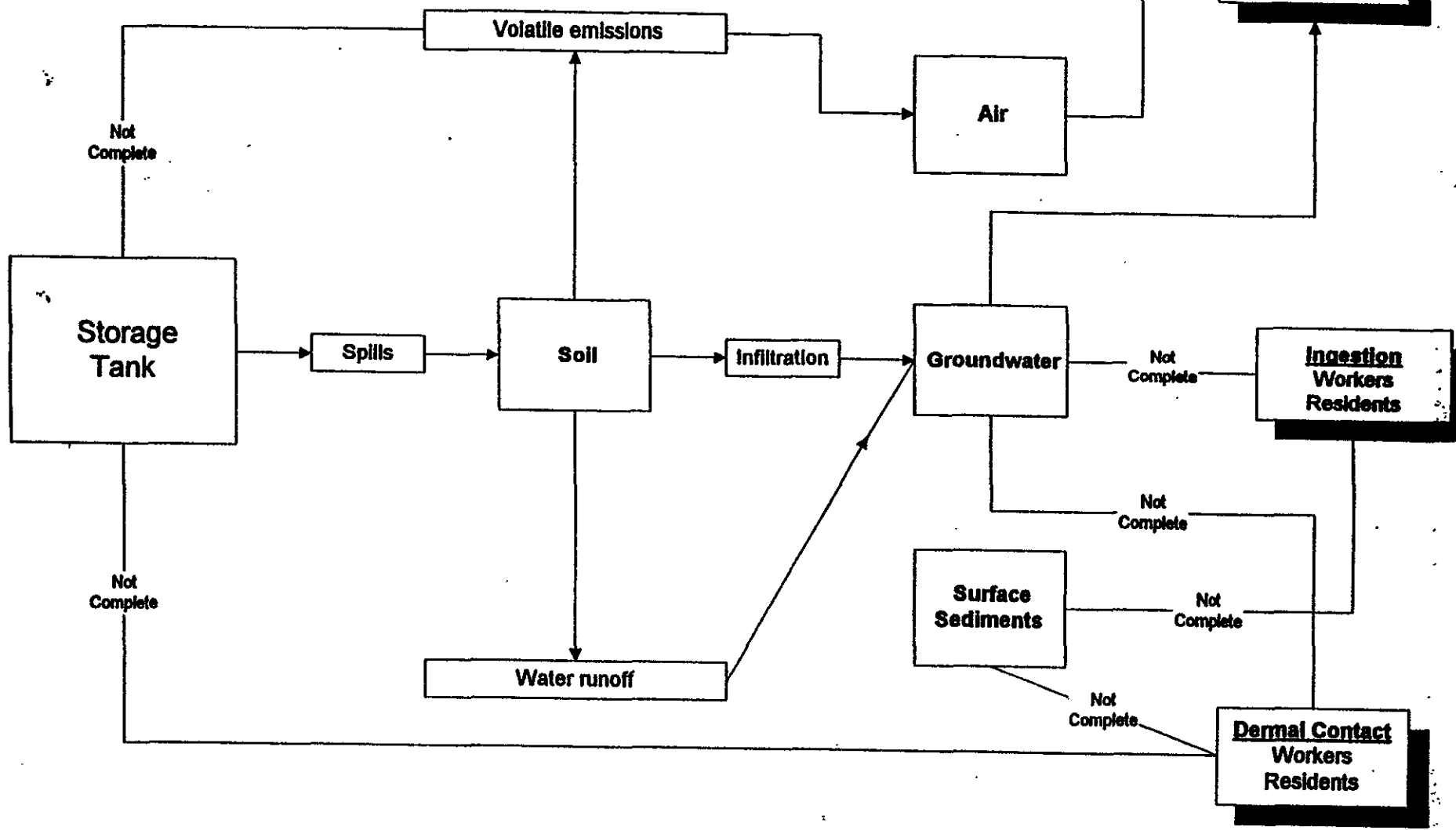
Environmental Services, Inc.  
2451 Estand Way  
Pleasant Hill, CA 94523  
(925) 682-7200 Fax: 686-0399

**Figure 2: Monitoring Well  
Locations**

ONE Color Communications  
1010 41st St  
Emeryville, CA 94608

July, 2000





**BES**  
 Block Environmental Services, Inc.  
 2451 Estand Way  
 Pleasant Hill, CA 94523  
 (925) 682-7200 Fax: 686-0399

**Figure 4: Conceptual Model**

One Color Communications  
 1010 41st Street  
 Emeryville, California 94608

March 2000

**TABLES**

Concent. in ug

Well No.	Date	TPH-d	TPH (non-diesel)*	TPH-g	TPPH (non-gasoline)**	Kerosene	Mineral Spirits	Benzene	Ethylbenzene	Toluene	Total Xylenes	MTHB	Tetrachloroethylenes (TCF)	Trichloroethylenes (TCF)	1,1-Dichloroethylenes (DCE)	Methylene Chloride
MW-B1	9/30/1991	ND < 50	-	18,000	-	29,000	-	5	250	6	980	-	ND	ND	ND	ND
	6/10/1993	-	27,000	-	57,000	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	43,000	ND	ND	ND	ND	-	ND	ND	ND	ND
MW-B2	6/10/1993	-	3,800	-	1,400	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	290,000	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND < 1,000	-	ND	2,400	ND < 1,000	150,000	ND	ND	ND	ND	ND < 250	ND	ND	ND	ND
MW-B3	6/10/1993	-	1,700	-	510	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	2,400	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND	-	ND	830	ND	120	ND	ND	ND	ND	ND < 5.0	ND	ND	ND	ND
MW-B4	6/10/1993	-	36,000	-	36,000	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	1,400	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	1,000	-	ND	2,700	ND	7,500	ND	ND	ND	ND	ND < 50	ND	ND	ND	ND
RES-1	4/21/1994	18,000	-	-	-	-	-	12,000	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND < 1,000	-	***	-	ND < 1,000	78,000	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	72,000	-	-	-	-	-	ND	ND	ND	ND
MW-LD4	9/30/1991	-	-	-	-	-	-	2.0	9.0	3.1	24	-	-	-	-	-
	6/10/1993	-	21,000	-	1,100	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	700	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	170	-	ND	83	ND	130	ND	ND	ND	ND	ND < 5.0	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	440,000	-	-	-	-	-	-	-	-	-
MW-D1	8/26/1988	-	-	-	-	-	1,000	-	-	-	-	-	-	-	-	-
	1/18/1989	-	-	-	-	-	ND < 1,000	ND	ND	2.0	1.8	-	-	-	-	-
	4/24/1989	-	-	-	-	-	ND < 1,000	ND	ND	ND	1.1	-	-	-	-	-
	2/21/1990	ND	-	ND	-	ND	ND < 100	ND	0.4	ND	1.3	-	-	-	-	-
	6/10/1992	ND	-	ND	-	ND	ND < 50	ND	ND	ND	ND	-	-	-	-	-
	6/10/1993	-	220	-	230	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/24/1993	ND	-	ND	-	-	ND < 50	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	110	ND	ND	ND	ND	-	ND	ND	ND	ND
MW-D2	9/26/1988	-	-	-	-	-	1,600	-	-	-	-	-	-	-	-	-
	1/18/1989	-	-	-	-	-	ND < 1,000	ND	ND	6.3	12	-	-	-	-	-
	4/24/1989	-	-	-	-	-	ND < 1,000	ND	ND	ND	7.7	-	-	-	-	-
	2/21/1990	-	-	-	-	-	300	ND	0.3	ND	1.5	-	-	-	-	-
	6/10/1992	ND	-	ND	-	-	76	ND	ND	ND	ND	-	-	-	-	-
	6/10/1993	-	9,100	-	6,200	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/24/1993	ND	-	ND	-	-	ND < 50	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	220	ND	ND	ND	ND	-	ND	ND	ND	ND
HP-1	12/14/1999(g)	-	-	-	-	-	21,000	-	-	-	-	-	-	-	-	-
	1/13/2000(g)	-	-	-	-	-	ND < 50	-	-	-	-	-	-	-	-	-
	1/13/2000(g)	-	-	-	-	-	67	-	-	-	-	-	-	-	-	-
	12/15/1999(g)	-	-	-	-	-	ND < 56	-	-	-	-	-	-	-	-	-
HP-4	1/13/2000(g)	-	-	-	-	570	-	-	-	-	-	-	-	-	-	

\* - Not Tested  
 ND - Non Detectable

\* TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the diesel range  
 \*\* TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the gasoline range  
 \*\*\* Insufficient quantity of sample for analysis  
 \*\*\*\* Discrepancy in elevation surveys  
 g Grab Sample

SITE, LOCATION, DATE, AND QUANTITY ANALYSIS (Oakland/San Francisco, California)  
 ALL CONCENTRATIONS IN ug/L

Well No.	Date	TPH-d	TEPH (non-diesel)*	TPH-g	TPPH (non-gasoline)**	Kerosene	Mineral Spirits	Benzene	Ethylbenzene	Toluene	Total Xylenes	MTBE	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	1,1-Dichloroethylene (DCE)	Methylene Chloride	
MW-1	10/2/1989	610	-	70,000	-	-	-	2,800	2,300	2,400	4,800	-	-	-	-	-	
	2/20/1990	2,200	-	73,000	-	-	-	7,500	680	5,900	5,300	-	-	-	-	-	
	7/25/1990	ND	-	34,000	-	-	-	2,000	120	670	1,500	-	-	-	-	-	
	10/23/1990	1,100	-	50,000	-	-	-	3,300	4,200	4,000	4,700	-	-	-	-	-	
	1/28/1991	1,700	-	99,000	-	-	-	4,400	1,800	7,400	8,600	-	-	-	-	-	
	6/5/1991	560	-	23,000	-	-	-	2,000	640	1,200	2,500	-	-	-	-	-	
	8/15/1991	3,300	-	59,000	-	-	-	3,800	1,100	5,500	4,800	-	-	-	-	-	
	11/21/1991	9,800	-	47,000	-	-	-	6,000	2,200	7,200	1,000	-	-	-	-	-	
	3/18/1992	14,000	-	77,000	-	-	-	17,000	2,300	18,000	1,300	-	-	-	-	-	
	10/17/1992	ND	-	83,000	-	-	-	11,000	13,000	18,000	2,800	-	-	-	-	-	
	6/10/1993	-	11,000	38,000	-	-	-	6,700	1,600	3,700	6,500	-	ND	ND	ND	ND	
	9/29/1993	-	-	-	-	-	-	59,000	7,100	1,800	5,700	7,900	-	ND	ND	ND	ND
	12/10/1998	ND	-	***	-	-	ND	4,700	5,300	1,600	1,700	3,500	ND<250	ND	ND	ND	ND
MW-2	10/2/1989	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	2/20/1990	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	7/25/1990	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	10/23/1990	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	1/28/1991	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	6/5/1991	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	8/15/1991	50	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	11/21/1991	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	3/18/1992	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	10/17/1992	ND	-	ND	-	-	-	ND	ND	ND	3.3	-	-	-	-	-	
	6/10/1993	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-	-	
	9/29/1993	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND	
	12/10/1998	ND	-	***	-	-	ND	ND < 50	ND	ND	ND	ND	ND	ND	ND	ND	ND

\* Not Tested  
 ND - Non Detectable

\* TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the diesel range  
 \*\* TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the gasoline range  
 \*\*\* Insufficient quantity of sample for analysis  
 \*\*\*\* Discrepancy in elevation surveys  
 g Grab Sample

TA 2: A2: ... Comprehensive ... Groundwater ...  
**ONE, California Linen, Dunne Paints, Oakland/Emeryville, California**  
 All measurements in feet.

Well No.	Date	Depth of Well (bgs)	TOC Elevation (msl)	Depth to Water (bgs)	Ground-water Elevation (msl)	Well No.	Date	Depth of Well (bgs)	TOC Elevation (msl)	Depth to Water (bgs)	Ground-water Elevation (msl)
MW-B1	6/10/1993	19.88	49.92	6.14	43.78	MW-B1	10/20/1993	19.88	49.92	6.69	43.23
MW-B2	6/10/1993	23.35	50.77	6.75	44.02	MW-B2	10/20/1993	23.35	50.77	7.25	43.52
MW-B3	6/10/1993	20.88	49.02	6.85	42.17	MW-B3	10/20/1993	20.88	49.02	6.24	42.78
MW-B4	6/10/1993	21.50	49.74	6.00	43.74	MW-B4	10/20/1993	21.50	49.74	6.11	43.63
MW-LD4	6/10/1993	10.60	51.51	6.98	44.53	MW-LD4	10/20/1993	10.60	51.51	7.37	44.14
MW-D1	6/10/1993	12.50	50.56	5.29	45.27	MW-D1	10/20/1993	12.50	50.56	6.20	44.36
MW-D2	6/10/1993	12.55	50.56	6.25	44.31	MW-D2	10/20/1993	12.55	50.56	6.48	44.08
MW-1	6/10/1993	22.00	53.89	7.41	46.48	MW-1	10/20/1993	22.00	53.89	7.98	45.91
MW-2	6/10/1993	22.60	54.06	9.24	44.82	MW-2	10/20/1993	22.60	54.06	9.18	44.88
MW-B1	7/8/1993	19.88	49.92	6.64	43.28	MW-B1	11/23/1993	19.88	49.92	6.65	43.27
MW-B2	7/8/1993	23.35	50.77	6.91	43.86	MW-B2	11/23/1993	23.35	50.77	7.26	43.51
MW-B3	7/8/1993	20.88	49.02	6.05	42.97	MW-B3	11/23/1993	20.88	49.02	6.18	42.84
MW-B4	7/8/1993	21.50	49.74	6.14	43.60	MW-B4	11/23/1993	21.50	49.74	6.38	43.36
MW-LD4	7/8/1993	10.60	51.51	7.18	44.33	MW-LD4	11/23/1993	10.60	51.51	7.32	44.19
MW-D1	7/8/1993	12.50	50.56	5.67	44.89	MW-D1	11/23/1993	12.50	50.56	6.08	44.48
MW-D2	7/8/1993	12.55	50.56	6.37	44.19	MW-D2	11/23/1993	12.55	50.56	6.44	44.12
MW-1	7/8/1993	22.00	53.89	7.70	46.19	MW-1	11/23/1993	22.00	53.89	7.92	45.97
MW-2	7/8/1993	22.60	54.06	9.04	45.02	MW-2	11/23/1993	22.60	54.06	9.21	44.85
MW-B1	8/24/1993	19.88	49.92	6.69	43.23	MW-B2	12/10/1998	23.35	50.77	6.43	44.34
MW-B2	8/24/1993	23.35	50.77	7.22	43.55	MW-B3	12/10/1998	20.88	49.02	4.94	44.08
MW-B3	8/24/1993	20.88	49.02	6.21	42.81	MW-B4	12/10/1998	21.50	49.74	6.20	43.54
MW-B4	8/24/1993	21.50	49.74	6.34	43.40	MW-LD4	12/10/1998	10.60	51.51	6.14	45.37
MW-LD4	8/24/1993	10.60	51.51	7.31	44.20	BES-1	12/10/1998	30.00	-	10.18	-
MW-D1	8/24/1993	12.50	50.56	6.01	44.55	MW-D2	12/10/1998	12.55	50.56	5.68	44.88
MW-D2	8/24/1993	12.55	50.56	6.47	44.09	MW-1	12/10/1998	22.00	53.89	7.08	46.81
MW-1	8/24/1993	22.00	53.89	7.70	46.19	MW-2	12/10/1998	22.60	54.06	9.54	44.52
MW-2	8/24/1993	22.60	54.06	9.24	44.82						
MW-B1	9/29/1993	19.88	49.92	8.46	41.46	MW-B2	12/14/1999	23.35	50.77	6.50	44.27
MW-B2	9/29/1993	23.35	50.77	8.80	41.97	MW-B3	12/14/1999	20.88	49.02	5.08	43.94
MW-B3	9/29/1993	20.88	49.02	7.74	41.28	MW-B4	12/14/1999	21.50	49.74	6.05	43.69
MW-B4	9/29/1993	21.50	49.74	7.97	41.77	MW-LD4	12/14/1999	10.60	51.51	6.52	44.99
MW-LD4	9/29/1993	10.60	51.51	7.43	44.08	BES-1	12/14/1999	30.00	-	10.98	-
MW-D1	9/29/1993	12.50	50.56	7.69	42.87	MW-D1	12/14/1999	12.50	49.35	4.60	44.75
MW-D2	9/29/1993	12.55	50.56	7.96	42.60	MW-D2	12/14/1999	12.55	50.56	5.80	44.76
MW-1	9/29/1993	22.00	53.89	7.84	46.05						
MW-2	9/29/1993	22.60	54.06	9.39	44.67						

**GEOTECHNICAL INVESTIGATION  
GREEN CITY LOFTS  
4050 ADELINE STREET  
EMERYVILLE/OAKLAND, CALIFORNIA  
SCI. 1316.001**



**Subsurface Consultants, Inc.**  
Geotechnical & Environmental Engineers

**GEOTECHNICAL INVESTIGATION  
GREEN CITY LOFTS  
4050 ADELINE STREET  
EMERYVILLE/OAKLAND, CALIFORNIA  
SCI. 1316.001**

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December 28, 2000

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Plate 3	Lateral Earth Pressures on Below-Grade Walls

## **APPENDICES:**

A	Field Exploration
	Plate A-1, Key to Soil Classification and Test Data
	Test Boring Logs B-1 and B-2
	CPT Logs CPT-1 through CPT-3
B	Laboratory Testing Program
	Atterberg Limits – Plasticity Data
	Triaxial Strength Test Results

## **DISTRIBUTION:**

5 copies:	Addressee
1 copy:	Mr. David Burton Swatt Architects, Inc. 353 Folsom Street San Francisco, CA 94105

## 1.0 INTRODUCTION

This report presents the results of a geotechnical investigation by Subsurface Consultants, Inc. (SCI) for the proposed Green City Lofts project in Emeryville and Oakland, California. The project site is located at 4050 Adeline Street, at the southeast corner of the intersection of Adeline and 41<sup>st</sup> Streets, as shown on the Vicinity Map, Plate 1.

The proposed Green City Lofts will consist of five, 3- to 4-story multi-unit residential structures. The general configuration of the proposed structures is shown on the Site Plan, Plate 2. One level of below-grade parking will be provided beneath the entire site, connecting all five structures. The below-grade space will extend to depths of about 10 feet below adjacent street grades.

Information regarding the project was obtained through discussions with Mr. Martin Samuels of Green City Development, Mr. Dewitt Brock, and Mr. David Burton of Swatt Architects, the project architect. It is our understanding that building loads for the proposed development are not available at this time. We have developed our conclusions and recommendations for this report on the basis that the design building loads will be typical for these types of structures and that there will not be any seismic uplift loads beyond what can be resisted by the dead weight of the buildings.

The purpose of our work was to explore subsurface conditions and provide recommendations for the geotechnical aspects of the project. The scope of our geotechnical investigation, as outlined in our proposal dated August 9, 2000, consisted of performing test borings and cone penetration tests (CPTs), performing geotechnical laboratory testing and engineering analyses, and preparation of this report.

An environmental report was previously prepared by Block Environmental Services (BES) for the site. This report is titled "Evaluation of Site Contamination and Recent Groundwater Sampling, ONE, Dunne Paints, California Linen, Oakland/Emeryville, California," dated February 25, 1999. Data on groundwater levels contained in this report were reviewed for our geotechnical investigation. The scope of our geotechnical investigation did not include consideration of the potential impact of soil or groundwater contamination at the site.

## 2.0 FIELD INVESTIGATION AND LABORATORY TESTING

The field investigation consisted of both test borings and CPTs. Test borings were performed using a truck-mounted drill rig equipped with 8-inch-diameter hollow stem augers. Two exploratory borings were drilled on November 17, 2000, to a depth of approximately 51½ feet. CPTs were performed using a truck rig. Three CPTs were advanced on November 29, 2000, to depths of about 48¾ feet. The approximate locations of the borings and CPTs are shown on the Site Plan, Plate 2. Logs of the borings and CPTs, and details regarding the field exploration are included in Appendix A. The results of our laboratory tests are discussed in Appendix B. The subsurface conditions encountered during our exploration are summarized in Section 3 below.

## **3.0 SITE CONDITIONS**

### **3.1 Geologic and Seismic Setting**

The site is located in the Coast Ranges geomorphic province, which is characterized by northwest-southeast trending valleys and ridges. These are controlled by folds and faults that resulted from the collision of the Farallon and North American plates and subsequent strike-slip faulting along the San Andreas fault zone. According to published geologic maps, the site is underlain by Holocene Age (less than 10,000 years old) basin deposits generally consisting of unconsolidated plastic silt and silty clay.

The site is located in a seismically active area of California. Several major fault systems exist in the area. Earthquakes occurring along these fault systems are capable of generating strong ground shaking at the site. The site is located about 5 kilometers (3 miles) southwest of the Hayward Fault, 25 kilometers (15½ miles) west of the Calaveras Fault, and about 25 kilometers (15½ miles) northeast of the San Andreas Fault. These and other more distant faults are considered seismically active and have well-documented histories of seismic events. The site is not located within an Alquist-Priolo Special Studies Zone.

### **3.2 Surface Conditions**

The project site is irregularly shaped and has maximum plan dimensions of about 150 by 330 feet, as shown on Plate 2. The site is bounded by Adeline Street to the west, 41<sup>st</sup> Street to the north, and by the existing developments to the east and the south. The city limit line dividing Oakland and Emeryville crosses the middle of the site in a north-south orientation, with the western portion of the site in Emeryville, and the eastern portion in Oakland.

The majority of the site is currently occupied by four adjacent 1- to 2-story concrete masonry buildings. The west side of the site is occupied by an asphalt concrete paved parking area, and the south side of the site is occupied by a concrete paved parking area. In exterior areas, site grades generally slope gently between about Elevation 51 (City of Oakland Datum) to 48 from east to west. Along the western edge of the site, site grades slope downward more steeply to match existing street grades along Adeline Street of approximately Elevation 45. The existing structures will be demolished for the proposed development.

Two single-story industrial buildings immediately to the south and east of the site are located along the site property line. The foundation support system for these adjacent buildings is not known to us at this time; however, it is anticipated that these buildings are supported on shallow spread footing foundations.

### **3.3 Subsurface Conditions**

Subsurface conditions were investigated by drilling two test borings and advancing three CPTs at the approximate locations shown on Plate 2. This section discusses subsurface conditions based on our test borings and interpretation of the CPT results.

Both borings were drilled in paved areas. Boring B-1 was drilled in an asphalt concrete paved parking area. The pavement section encountered consisted of about 6 inches of asphalt concrete

over 4 inches of aggregate base. Boring B-2 was drilled in a concrete driveway. The driveway consisted of an approximately 8-inch thick concrete slab. Beneath the pavement, fill was encountered to a depth of about 3 feet. The fill generally consists of medium stiff to stiff silty clay with sand. Below the fill, alluvial deposits generally consisting of medium stiff to very stiff lean silty clay with varying amounts of sand and gravel were encountered to the maximum depth explored of about 51½ feet. Detailed descriptions of the soils encountered in each of the exploratory borings are presented on the boring logs in Appendix A.

The CPT results correlate well with the materials encountered in the test borings. CPT correlations with soil type show the site to be underlain by layered soil deposits consisting of silt and clay to the maximum depth explored of about 50 feet. Logs of the CPTs are presented in Appendix A.

### **3.4 Groundwater**

Free groundwater was encountered during drilling in Boring B-1 at a depth of approximately 20 feet and in Boring B-2 at a depth of approximately 24 feet below ground surface. Prior to backfilling Boring B-2 with cement grout, the groundwater level was measured at a depth of approximately 26 feet. The borings were backfilled with grout shortly after drilling and likely did not establish equilibrium with groundwater conditions. Measurements performed in CPT-1 and CPT-2 indicates groundwater at depths of approximately 8 feet. Fluctuations in the groundwater level could occur due to change in seasons, variations in rainfall, and other factors.

A review of the BES report indicates that groundwater levels were measured in monitoring wells at depths between about 5 feet to 6½ feet below street elevation on 41<sup>st</sup> Street, corresponding to approximately Elevation 41 to 42½ feet.

## **4.0 DISCUSSION AND CONCLUSIONS**

We conclude that the proposed development is feasible from a geotechnical standpoint, provided that the conclusions and recommendations presented in this report are incorporated into the project design and specifications. The principal geotechnical considerations regarding the project are discussed in the following sections:

### **4.1 Seismic Considerations**

#### **4.1.1 Seismicity**

The site is located in a seismically active region of California. Significant earthquakes in the Bay Area have been associated with movements along well-defined fault zones. Earthquakes occurring along the Hayward Fault or any of a number of other Bay Area faults have the potential to produce strong groundshaking at the site. For this reason, the structures should be designed to resist lateral and uplift forces generated by earthquake shaking, in accordance with local design practice.

### 4.1.2 Seismic Design by Uniform Building Code (UBC)

The structures should be designed to resist the lateral forces generated by earthquake shaking in accordance with local design practice. This section presents seismic design criteria for the 1997 UBC.

As defined in the 1997 UBC, we judge the following criteria to be appropriate for the site:

Seismic zone factor ( $Z$ ) = 0.40

Soil profile type =  $S_D$

Seismic coefficient:  $C_a = 0.44 N_a$

$C_v = 0.64 N_v$

Near source factor:  $N_a = 1.2$

$N_v = 1.6$

The near source factors are based on the location of the site relative to the Hayward Fault.

### 4.1.3 Other Seismic Hazards

Settlement can occur as a result of seismic groundshaking due to liquefaction or densification of the subsurface soils. In both liquefaction and densification, groundshaking causes predominantly granular soils to become more compact, therefore occupying less volume and resulting in settlement. Soils most susceptible to liquefaction and densification are loose, clean, poorly graded, fine-grained sands. Liquefaction can occur where this soil are saturated (submerged), and is accompanied by a temporary loss of strength (i.e., the soil "liquefies"). Densification can occur where the soils are unsaturated.

The soils encountered in our borings and CPTs consist predominantly of clay and silt and have sufficient cohesion not to be prone to liquefaction. Based on the available data, we conclude that the potential for significant liquefaction or densification to occur at the site is low.

Other geologic hazards such as slope instability, lurching, or fault rupture are considered to be unlikely at this site due to the relatively flat terrain and the distance from a known active fault.

## 4.2 Foundation Support and Settlement

Based on the results of our investigation and discussions with the design team, we judge that the proposed building can be supported on a shallow mat foundation system. We estimate that the long-term total and differential settlement of new mat foundations constructed as recommended in this report should be less than about 3/4-inch and 1/2-inch, respectively.

### **4.3 Below-Grade Walls**

Below-grade walls should be designed to resist lateral earth pressures, groundwater pressures, and any additional loads caused by surcharges. Below-grade walls should be designed using the recommended lateral pressures presented in Section 5.4.

Based on the groundwater levels measured in our CPTs and presented in the BES report, we recommend that a design groundwater level of Elevation 43 feet may be used. Below-grade walls and subfloors will extend below this design groundwater elevation. Thus, below-grade walls and subfloors should be designed to resist hydrostatic lateral and uplift pressures and appropriately waterproofed to help prevent the migration of water into the structure.

The basement level for the proposed project will extend to depths of about 10 feet and will cover the entire property area. The proposed basement will be situated immediately adjacent to existing buildings to the south and east. The foundation systems of these adjacent buildings are not known to us at this time. However, it is anticipated that these are probably supported on shallow foundation systems. If the proposed basement extends below an imaginary plane projecting downward at 45 degrees (1:1, horizontal to vertical) from existing foundations, the proposed below-grade walls must either be designed for the adjacent existing foundation loads, or the existing foundations must be underpinned so that they do not impose loads on the proposed below-grade walls.

### **4.4 Construction Considerations**

Excavation for construction of the basement will need to be performed immediately adjacent to existing buildings, sidewalks, and pavements. On the basis of this layout, it appears that shoring and/or temporary slopes will be required during excavation, construction of the basement level, and backfilling to protect these adjacent elements. The design and maintenance of all necessary shoring and temporary excavation slopes is the responsibility of the contractor. All excavations that will be deeper than 5 feet and will be entered by workers should be shored or sloped for safety in accordance with Occupational Safety and Health Administration (OSHA) standards. SCI should review the contractor's plans for shoring for conformance with the intent of our geotechnical recommendations.

If excavation extends below an imaginary plane projecting downward at 45 degrees (1:1, horizontal to vertical) from existing foundations, the existing foundations should either be underpinned or shoring should be designed to keep construction settlement of the foundations within acceptable limits. The buildings immediately to the south and east of the site are probably supported on shallow foundation systems within the zone of influence of the anticipated excavation. Therefore, underpinning of these adjacent structures, or designing the shoring system for the anticipated building loads and to keep construction settlement of the foundations to acceptable limits would be required. As with the shoring, the design and installation of all necessary underpinning is the responsibility of the contractor.

Groundwater was measured in our CPTs and in previous monitoring wells by others at depths ranging from about 6 to 10 feet, or within the range of proposed excavation. Dewatering by the contractor may be required to control groundwater during construction.

We suggest that the contractor thoroughly document the condition of nearby buildings, streets, and utilities by video or other means prior to the commencement of site excavation. The contractor should also perform regular surveys during excavation and construction to monitor and document any observed settlement of nearby streets and structures.

## **5.0 RECOMMENDATIONS**

### **5.1 Site Preparation**

#### **5.1.1 Clearing, Site Preparation and Excavation**

Prior to site grading, the limits of grading should be established at the perimeter of the proposed development area including all building and sidewalk areas. Within the limits of grading, all previous improvements including old foundations, walkways, and landscaping should be removed and near-surface soils containing debris or organic material should be stripped. Site strippings are not suitable for later use as engineered fill and should be removed from the site or used as landscape material.

Prior to excavation, any existing underground utilities (e.g. electric, gas, water, telephone, storm drains, and sewers) should be identified and properly abandoned or relocated and the appropriate shoring system installed.

#### **5.1.2 Subgrade Preparation**

The areas to receive new concrete slab-on-grade floors and foundations should be properly prepared prior to construction. Any soft or loose areas should be identified and recompacted or replaced with properly compacted fill. The soil subgrade below slabs should be relatively firm and non-yielding, and should be protected from damage and drying caused by traffic or weather.

#### **5.1.3 Fill and Backfill Materials**

Fill materials may be required as backfill around footings, below-grade walls, and site utilities. Recommendations for utility pipe bedding and utility trench backfill are presented in Section 5.1.5 below. On-site fill having an organic content less than 3 percent by volume may be used as general fill except where non-expansive fill is required. Non-expansive fill should be predominantly granular and should have a liquid limit not exceeding 40 percent and a plasticity index not exceeding 15.

Both on-site and imported fill should contain no environmental contaminants or construction debris. Fill should not contain rocks or lumps larger than 4 inches in greatest dimension and contain no more than 15 percent larger than 2.5 inches.

#### **5.1.4 Fill Placement**

Soil subgrades in areas to receive backfill should be firm and non-yielding. Fill materials satisfying the criteria described in Section 5.1.3 should be moisture conditioned to near the optimum moisture content, spread in lifts not exceeding 8 inches in uncompacted thickness, and compacted to at least 90 percent relative compaction (as determined by the American Society for

Testing and Materials [ASTM] Method D1557-91). Fill placed in the upper 6 inches below pavement sections should be compacted to at least 95 percent relative compaction. Fill should be kept moist prior to the placement of slabs or pavement.

### 5.1.5 Pipeline Bedding/Trench Backfill

Utility pipes should be bedded in clean sands (conforming to the State of California Department of Transportation (Caltrans) Standard Specification Section 19-3.025B) that extend to at least 12 inches above the tops of the pipes. Pipeline trenches should be backfilled with fill materials satisfying the criteria described in Section 5.1.3, placed in lifts of approximately 8 inches in uncompacted thickness. However, thicker lifts can be used provided the method of compaction is approved by the geotechnical engineer and the required minimum degree of compaction is achieved. Trench backfill should be compacted to at least 90 percent relative compaction by mechanical means only (jetting should not be permitted). The upper 12 inches of the trench backfill should be compacted to at least 95 percent relative compaction.

### 5.1.6 Surface Drainage

The finished surface adjacent to the buildings should be graded to direct surface water away from foundations and toward suitable discharge facilities. Ponding of surface water should not be allowed adjacent to the structure. Roof downspouts should be connected to suitable discharge facilities through closed pipes or discharged to an appropriate collection point.

## 5.2 Foundation Support

The planned proposed structures may be supported on mat foundations that bear upon firm native soil or properly compacted fill. Where weak and/or compressible soils are present below the mat, these materials should be replaced by fill that has been placed and compacted in accordance with the recommendations presented in Section 5.1 of this report.

Mat foundations that bear on firm native soil or properly compacted fill can be designed using the maximum allowable bearing pressures presented in the following table:

### Allowable Bearing Pressures Firm Soil or On Compacted Fill

<u>Load Condition</u>	<u>Allowable Bearing Pressure (pounds per square foot)</u>
Dead load	1,000
Dead plus live loads	1,500
Total loads, including wind or seismic	2,000



We recommend that a modulus of subgrade reaction of 125 kips per cubic foot (kcf) be used for the design of mat foundations. This value is based on a 1-foot-square bearing area and needs to be scaled to account for mat foundation size effects. To obtain the modulus of subgrade reaction for a given mat foundation, the value of 125 kcf should be divided by the width of the loaded area, in feet.

Soil subgrades to support mat foundations should be firm and non-yielding. We suggest that a mud mat or "rat slab" be placed following subgrade approval to prevent disturbance to the underlying soils during the placement of reinforcing steel for the mat foundation. SCI should observe the completed mat foundation excavation prior to the placement mud mats or reinforcing steel.

### **5.3 Lateral Resistance**

Resistance to lateral loads can be provided by friction along the base of foundations and by passive pressures developing on the sides of below-grade structural elements. A friction coefficient of 0.3 times the dead load acting on the base of the foundations should be used to evaluate frictional resistance. Passive resistance should be estimated using an equivalent fluid weight of 350 pounds per cubic foot (pcf). Where pavements cover the adjacent ground surface or floor slabs, passive resistance can be assumed to begin at the ground surface. In areas not confined by slabs or pavements, passive resistance should be neglected within 1 foot of the ground surface.

### **5.4 Basement Retaining Walls and Subfloors**

As discussed above in Section 4.3, we recommend that below-grade walls and subfloors should be designed to resist hydrostatic lateral and uplift pressures, any additional loads caused by surcharging, and appropriately waterproofed to help prevent the migration of water into the structure. Below-grade walls should be designed using the recommended lateral pressures presented on Plate 3. Where below-grade walls are designed as lateral force resisting elements, they should be designed to resist the passive pressure presented in Section 5.3. Subfloor slab reinforcing should be provided in accordance with the anticipated use and loading of the slab.

### **5.5 Plan Review/Services During Construction**

SCI should review geotechnical aspects of the plans and specifications to check for conformance with the intent of our recommendations. During construction, our field engineer should check and/or observe the following:

- Soil conditions exposed by site excavations, to check that they are consistent with those encountered during the field explorations,
- Shoring and underpinning design drawings and calculations, and installation of shoring and underpinning,
- Mat foundation excavations,
- Fill placement and compaction, including backfill of utilities, and
- Subgrade preparation beneath slabs-on-grade, pavements and sidewalks.

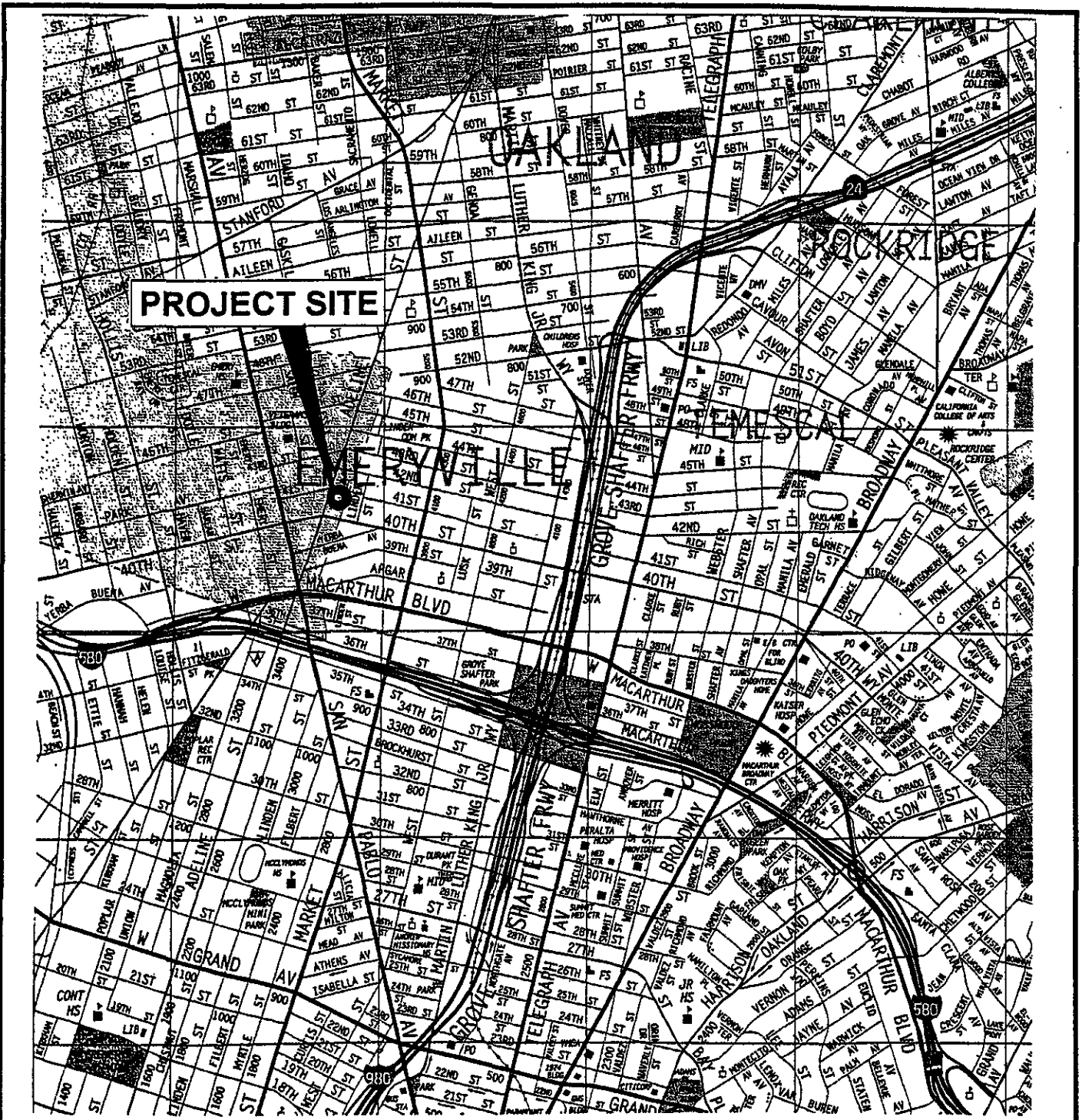
## 6.0 LIMITATIONS

Our services consist of professional opinions, conclusions, and recommendations that are made in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties, either expressed or implied.

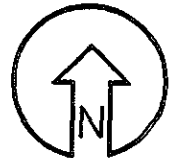
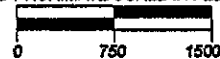
The analyses and recommendations contained in this report are based on the data obtained from two exploratory borings and three CPTs, which indicate subsurface conditions only at specific locations and times, and only to the depths penetrated. Variations may exist and conditions not observed or described in this report could be encountered during construction. Our conclusions and recommendations are based on our analysis of the observed conditions. If conditions other than those described in this report are encountered, we should be notified so that we can provide additional recommendations, if warranted.

This report has been prepared for the exclusive use of Green City Development and their consultants for specific application to the proposed Green City Lofts project as described herein. In the event that there are any changes in the ownership, nature, design, or location of the proposed project, or if any future additions are planned, the conclusions and recommendations contained in this report should not be considered valid unless (1) the project changes are reviewed by SCI, and (2) conclusions and recommendations presented in this report are modified or verified in writing. Reliance on this report by others must be at their risk unless we are consulted on the use or limitations. We cannot be responsible for the impacts of any changes in geotechnical standards, practices, or regulations subsequent to performance of services without our further consultation. We can neither vouch for the accuracy of information supplied by others, nor accept consequences for unconsulted use of segregated portions of this report.

**PLATES**



APPROXIMATE SCALE IN FEET



**NOTE:**

This location sketch is based on a Thomas Guide Map for the Metropolitan Bay Area, map 629 and 649, year 1996.

**VICINITY MAP**

**GREEN CITY LOFTS  
EMERYVILLE AND OAKLAND, CALIFORNIA**



**Subsurface Consultants, Inc.**  
Geotechnical & Environmental Engineers

DRAWN BY:  
AHL

DATE  
12/2000

PLATE

JOB NUMBER  
1316.001

FILE NUMBER:  
1316.001.01

**1**

94-16850  
ISSOM

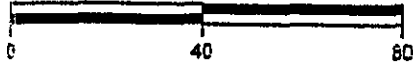
ADELINE STREET

M16'23"1/2'E  
113.89'

P.C.

CPT-1

APPROXIMATE SCALE IN FEET



**SITE PLAN**

**GREEN CITY LOFTS  
EMERYVILLE AND OAKLAND, CALIFORNIA**

DRAWN BY:

AHL

DATE:

12/00

X/B NUMBER

1316.001

FILE NUMBER:

1316.001.02

Reference:

Baseplan is provided by Swatt Architects.



**Subsurface Consultants, Inc.**  
Geotechnical & Environmental Engineers

PLATE


**2**

Project Name & Location: Green City Lofts 4050 Adeline St. Emeryville and Oakland, California		Ground Surface Elevation: 46.4' feet	
Drilling Coordinates: not surveyed		Elevation Datum: City of Oakland	
Drilling Company & Driller: Bay Area Exploration, Jeff		Start: Date 11/17/00	Time 08:25
Rig Type & Drilling Method: CME 75 / Hollow Stem Auger		Finish: Date 11/17/00	Time 11:45
Sampler A) Modified California (3" O.D., 2.5" I.D.) Type(s): B) SPT (2" O.D., 1.4" I.D.)		Drilling Fluid:	Hole Diameter: 8"
Sampling Method(s): A) 140 lb automatically tripped hammer w/30" drop B) 140 lb automatically tripped hammer w/30" drop		Logged By: NTB	Level During Drilling
		Backfill Method: Grout	Date: 11/17/00

Depth (feet)	Sampler Type	Blows/6 inches of Pressure	Blows/12 inches	Sample Interval	Graphic Log	SOIL DESCRIPTIONS		LABORATORY DATA		
						GROUP NAME (GROUP SYMBOL) color, consistency/density, moisture condition, other descriptions (Local Name or Material Type)	Moisture Content (%)	Dry Density (pcf)	Other	
0						ASPHALT - 6 inches thick BASE ROCK - 4 INCHES THICK SILTY CLAY with SAND (CL-ML) brown, medium stiff to stiff, moist (fill)				
3	A	3								
5	B	7	12			FAT CLAY with SAND (CH) dark brown, medium stiff, moist				
7	A	3	7			LEAN CLAY with SAND (CL) olive-green, very stiff, moist, with gravel, gasoline odor	17.8	110	LL = 25, P <sub>I</sub> = 9	
11	A	11	31							
20		20								
10	B	4				SILTY, CLAYEY SAND (SC-SM) greenish gray with reddish brown staining, loose, moist				
14	A	4	9			LEAN CLAY with SILT and SAND (CL) yellowish brown, medium stiff to stiff, moist				
16	A	4				CLAYEY SILTY SAND (SC-SM) yellowish brown, loose to medium dense, moist				
18	A	6	10			increasing sand and gravel content	24.5	102	TXUU = 1216 (894)	
20	A	4	19							
25		13								
20	A	8	38			POORLY GRADED GRAVEL with CLAY and SAND (GP-GC) reddish brown, medium dense, wet, sub-rounded gravel (size up to 1"), with sandstone, serpentinite and chert fragments.				
25		11				Increasing clay content				
28	A	14	38							
30		22								

Continued

LOG OF BORING 1316-001.GPJ GEO-ENV.GDT 12/22/00

 <b>Subsurface Consultants, Inc.</b> Geotechnical & Environmental Engineers	Green City Lofts Emeryville and Oakland, California		BORING <b>B-1</b>
	JOB NUMBER 1316.001	DATE 12/00	

<b>Project Name &amp; Location:</b> Green City Lofts 4050 Adeline St. Emeryville and Oakland, California	<b>Start Date:</b> 11/17/00  <b>Logged By:</b> NTB
--	--

Depth (feet)	Sampler Type	Blows/6 inches of Pressure	Blows/12 inches	Sample Interval	Graphic Log	SOIL DESCRIPTIONS	LABORATORY DATA		
						GROUP NAME (GROUP SYMBOL) color, consistency/density, moisture condition, other descriptions (Local Name or Material Type)	Moisture Content (%)	Dry Density (pcf)	Other
30	A	3 5 8	10			<b>SANDY LEAN CLAY (CL)</b> reddish brown, medium stiff, wet  gravel layers			
35	A	4 4 7	11				22	105	TXUU = 907 (1698)
40	A	7 10 18	28			<b>SANDY LEAN CLAY (CL)</b> mottled olive-gray, reddish brown, very stiff, wet  <b>POORLY GRADED GRAVEL with SAND (GP)</b> reddish brown, medium dense, wet, sub-rounded gravel (size ranging from 1/4" to 2"), with sandstone, feldspare and chert fragments			
45	A	4 7 20	27						
50	A	18 22 14	36			<b>LEAN CLAY with SAND and GRAVEL (CL)</b> yellowish brown, very stiff, wet, with fine gravel			
55									
60									
65									

LOG OF BORING 1316-001.GPJ GEO-ENV.GDT 12/22/00

**Subsurface Consultants, Inc.**  
 Geotechnical & Environmental Engineers

Green City Lofts Emeryville and Oakland, California	
JOB NUMBER 1316.001	DATE 12/00

BORING <b>B-1</b>
----------------------

Project Name & Location: Green City Lofts 4050 Adeline St. Emeryville and Oakland, California	Ground Surface Elevation: 50.7' feet			
	Elevation Datum: City of Oakland			
Drilling Coordinates: not surveyed	Start: Date 11/17/00	Time 00:00	Finish: Date 11/17/00	Time 00:00
Drilling Company & Driller: Bay Area Exploration, Jeff	Drilling Fluid:		Hole Diameter: 8"	
Rig Type & Drilling Method: CME 75 / Hollow Stem Auger	Logged By: NTB		Level During Drilling	
Sampler Type(s): A) Modified California (3" O.D., 2.5" I.D.) B) SPT (2" O.D., 1.4" I.D.)	Backfill Method: Grout		Date: 11/17/00	
Sampling Method(s): A) 140 lb automatically tripped hammer w/30" drop B) 140 lb automatically tripped hammer w/30" drop				

Depth (feet)	Sampler Type	Blows/6 inches of Pressure	Blows/12 inches	Sample Interval	Graphic Log	SOIL DESCRIPTIONS		LABORATORY DATA		
						GROUP NAME (GROUP SYMBOL) color, consistency/density, moisture condition, other descriptions (Local Name or Material Type)	Moisture Content (%)	Dry Density (pcf)	Other	
0						CONCRETE - 8-inch thick slab				
0-4	A	4				SILTY CLAY with SAND (CL-ML) black, medium stiff, moist, with trace of gravels and roots, slight hydrocarbon odor (fill)				
4-5	B	3	10			LEAN CLAY with SAND (CL) black, medium stiff to very stiff, moist, slight hydrocarbon odor				
5-7	A	4	11				26	92	LL = 48, PI = 26 TXUU = 989 (504)	
10-13	A	5	21							
13-18	B	4	18				21.3	105	TXUU = 2205 (806)	
15-20	A	9	32			LEAN CLAY with SAND (CL) mottled yellowish brown, olive-gray, and reddish brown, very stiff, moist, strong hydrocarbon odor				
20-21	A	9	28			has little to no hydrocarbon odor at 21 feet				
25-27	A	5	22				17.4	112	TXUU = 4450 (879)	



Continued

LOG OF BORING 1316-001.GPJ GEO-ENV.GDT 12/22/00

<b>Subsurface Consultants, Inc.</b> Geotechnical & Environmental Engineers	Green City Lofts Emeryville and Oakland, California		BORING
	JOB NUMBER 1316.001	DATE 12/00	<b>B-2</b>



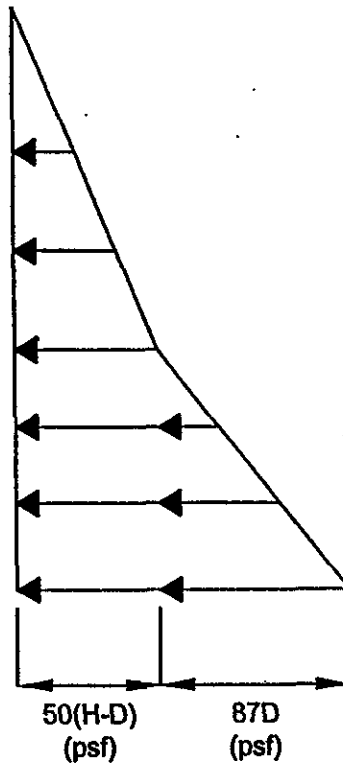
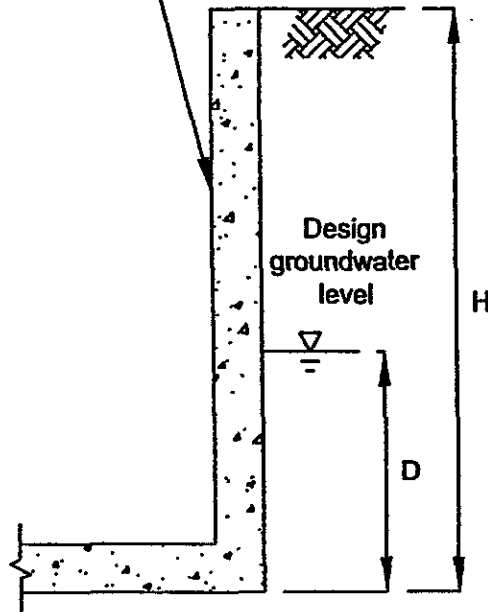
Project Name & Location: Green City Lofts 4050 Adeline St. Emeryville and Oakland, California	Start Date: 11/17/00
	Logged By: NTB

Depth (feet)	Sampler Type	Blows/6 inches of Pressure	Blows/12 inches	Sample Interval	Graphic Log	SOIL DESCRIPTIONS		LABORATORY DATA		
						GROUP NAME (GROUP SYMBOL) color, consistency/density, moisture condition, other descriptions (Local Name or Material Type)	Moisture Content (%)	Dry Density (pcf)	Other	
30	A	8 11 18	27			LEAN CLAY with SAND and GRAVEL (CL) reddish brown, medium stiff to stiff, wet, with sub-rounded gravel	23.5	104.5	LL = 42, PI = 24 TXUU = 2550 (1570)	
35	A	5 6 6	12			LEAN CLAY with SAND (CL) reddish brown, very stiff, moist	22	106.7	TXUU = 1993 (1944)	
	A	4 7 10	17							
40	A	7 12 18	30			CLAYEY SAND (SC) mottled reddish brown, olive-gray, medium dense to dense, wet				
45										
50	A	9 26 23	49			POORLY GRADED GRAVEL with CLAY and SAND (GP-GC) reddish brown, medium dense, moist, with sub-rounded gravel (sizes up to 1")				
55										
60										
65										

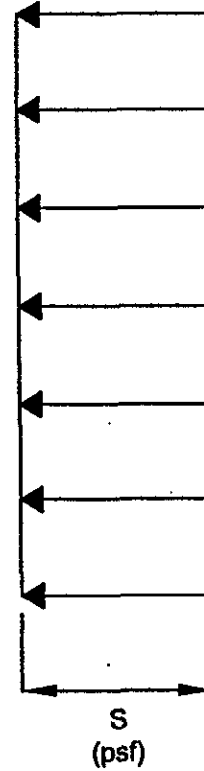
LOG OF BORING 1316-001.GPJ GEO-ENV.GDT 12/22/00

<b>Subsurface Consultants, Inc.</b> Geotechnical & Environmental Engineers	Green City Lofts Emeryville and Oakland, California		BORING <b>B-2</b>
	JOB NUMBER 1316.001	DATE 12/00	

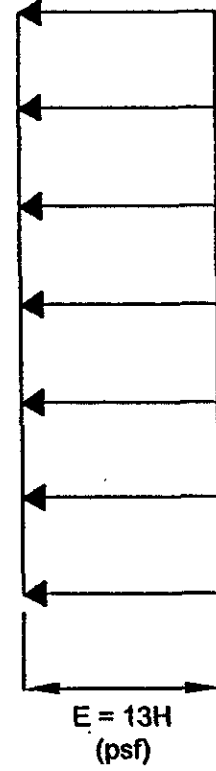
Below-Grade Wall



SOIL + HYDROSTATIC



SURCHARGE



SEISMIC

H = Height of below-grade wall above bottom of basement floor slab, in feet.

D = Height of design groundwater level above bottom of basement floor slab, in feet.  
If walls are designed for fully drained conditions, the groundwater level can be taken as being below the basement floor slab.

S = 1/2 the surcharge loads, in psf. Wall subjected to vehicular surcharge should be designed for a uniform lateral pressure of 100 psf applied over the full height of the wall. Other surcharge loads which may need to be considered include loads of adjacent buildings.

E = Lateral pressure due to earthquake loading

NOT TO SCALE

**LATERAL EARTH PRESSURES  
ON BELOW-GRADE WALLS**

GREEN CITY LOFTS  
EMERYVILLE AND OAKLAND, CALIFORNIA

DRAWN BY:  
AHL

DATE  
12/00

PLATE

**3**

JOB NUMBER  
1316.001

FILE NUMBER:  
A1316.001.03



**Subsurface Consultants, Inc.**  
Geotechnical & Environmental Engineers

**APPENDIX A**  
**FIELD EXPLORATION**

## APPENDIX A FIELD EXPLORATION

Field exploration was performed on November 17 and November 29, 2000. Our work included two exploratory borings drilled with a CME-75 drill rig equipped with 8-inch-diameter hollow-stem augers and three Cone Penetration Tests (CPTs) performed from a truck-mounted CPT rig. The borings extended to depths of approximately 51½ feet. The CPTs extended to depths ranging from approximately 48¾ feet. The approximate locations of the borings and CPTs are shown on the Site Plan, Plate 2. The soils encountered in the borings were logged in the field by our representative. The soils are described in accordance with the Unified Soil Classification System (ASTM D2487). The logs of the borings, as well as a key for the classification of the soil (Plate A-1), are included as part of this appendix.

Representative soil samples were obtained from the borings at regular intervals using a Modified California split-barrel drive sampler (outside diameter of 3.0 inches, inside diameter of 2.5 inches) and a Standard Penetration Test (SPT) split-barrel drive sampler (outside diameter of 2.0 inches, inside diameter of 1.375 inches). The samplers were driven by a 140-pound hammer falling 30 inches using an automatic trip system.

Resistance blow counts were obtained by driving the samplers into the soil with a 140-pound hammer falling 30 inches using an automatic trip hammer system. The sampler was driven 18 inches and the number of blows were recorded for each 6 inches of penetration. The number of blows required to drive the samplers the final 12 inches of each 18-inch penetration is presented on the boring logs. Due to the large diameter of the Modified California sampler, and the use of the automatic hammer system, the blow counts recorded for this sampler are not standard penetration resistance values.

The CPT consists of hydraulically pushing a steel cone tip into the ground using a string of steel rods 1.4 inches in diameter. The cone is advanced downward at a steady rate of approximately 1 inch per second using a truck weighing about 15 tons. Probe readings are taken every 6 inches. The standardized electric friction cone penetrometer (ASTM D3441-86) is composed of two electronic sensors: 1) a conical tip that measures the resistance to penetration, recorded as the Bearing Stress,  $Q_c$ , and 2) a friction (cylindrical) sleeve located behind the tip that measures the friction between the sleeve and the soil, recorded as the Friction Sleeve Stress,  $F_s$ . Data plots of  $Q_c$ ,  $F_s$ , and  $R_f$  (the ratio of  $F_s$  to  $Q_c$ ) versus depth are used to separate the soil profile into layers. Published correlations of  $Q_c$  and  $R_f$  values are used to assign a soil type, and to estimate SPT blow count ( $N^1$ ), friction angle ( $\Phi$ ) for cohesionless soils, and shear strength ( $S_u$ ) for cohesive soils.

Groundwater was measured during drilling in the borings at depths ranging from approximately 15 to 24 feet below the ground surface. In the CPTs, groundwater was measured at depths of














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<sup>1</sup> Standard penetration test (SPT) blow counts ( $N$  values) are a measure of the relative density of sandy soils. The  $N$  value is the number of blow counts required to drive a standard SPT sampler the last 12 inches of an 18-inch drive using a 140-pound hammer falling 30 inches.

approximately 8 feet. Upon completion of our field investigation, the borings and CPTs were backfilled with neat cement grout.

The attached boring and CPT logs and related information show our interpretation of the subsurface conditions at the dates and locations indicated, and it is not warranted that they are representative of subsurface conditions at other locations and times.

# UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D2487-93)

MAJOR DIVISIONS			GROUP NAMES		
<b>COARSE-GRAINED SOILS</b> More than 50% retained on the No. 200 sieve	<b>GRAVELS</b>  More than 50% of coarse fraction retained on No. 4 sieve	Clean gravels less than 5% fines	GW	 Well-graded gravel, Well-graded gravel with sand	
		Gravels with more than 12% fines	GP	 Poorly graded gravel, Poorly graded gravel with sand	
		SANDS  50% or more of coarse fraction passes No. 4 sieve	Clean sand less than 5% fines	SW	 Well-graded sand, Well-graded sand with gravel
			Sands with more than 12% fines	SP	 Poorly graded sand, Poorly graded sand with gravel
	<b>FINE-GRAINED SOILS</b> 50% or more passes the No. 200 sieve	<b>SILTS AND CLAYS</b>  Liquid Limit Less than 50%	Silty sand, Silty sand with gravel	SM	 Silty sand, Silty sand with gravel
			Clayey sand, Clayey sand with gravel	SC	 Clayey sand, Clayey sand with gravel
			Silt, Silt with sand or gravel, Sandy or gravelly silt, Sandy or gravelly silt with gravel or sand	ML	 Silt, Silt with sand or gravel, Sandy or gravelly silt, Sandy or gravelly silt with gravel or sand
		<b>SILTS AND CLAYS</b>  Liquid Limit Greater than 50%	Lean clay, Lean clay with sand or gravel, Sandy or gravelly lean clay, Sandy or gravelly lean clay with gravel or sand	CL	 Lean clay, Lean clay with sand or gravel, Sandy or gravelly lean clay, Sandy or gravelly lean clay with gravel or sand
Organic silt or clay, Organic silt or clay with sand or gravel, Sandy or gravelly organic silt or clay, Sandy or gravelly organic silt or clay with gravel or sand			OL	 Organic silt or clay, Organic silt or clay with sand or gravel, Sandy or gravelly organic silt or clay, Sandy or gravelly organic silt or clay with gravel or sand	
Elastic silt, Elastic silt with sand or gravel, Sandy or gravelly elastic silt, Sandy or gravelly elastic silt with gravel or sand			MH	 Elastic silt, Elastic silt with sand or gravel, Sandy or gravelly elastic silt, Sandy or gravelly elastic silt with gravel or sand	
<b>HIGHLY ORGANIC SOILS</b>	Fat clay, Fat clay with sand or gravel, Sandy or gravelly fat clay, Sandy or gravelly fat clay with gravel or sand	CH	 Fat clay, Fat clay with sand or gravel, Sandy or gravelly fat clay, Sandy or gravelly fat clay with gravel or sand		
	Organic silt or clay, Organic silt or clay with sand or gravel, Sandy or gravelly organic silt or clay, Sandy or gravelly organic silt or clay with gravel or sand	OH	 Organic silt or clay, Organic silt or clay with sand or gravel, Sandy or gravelly organic silt or clay, Sandy or gravelly organic silt or clay with gravel or sand		
			Pt	 Peat	

For definition of dual and borderline symbols, see ASTM D2487-93.

## KEY TO TEST DATA AND SYMBOLS

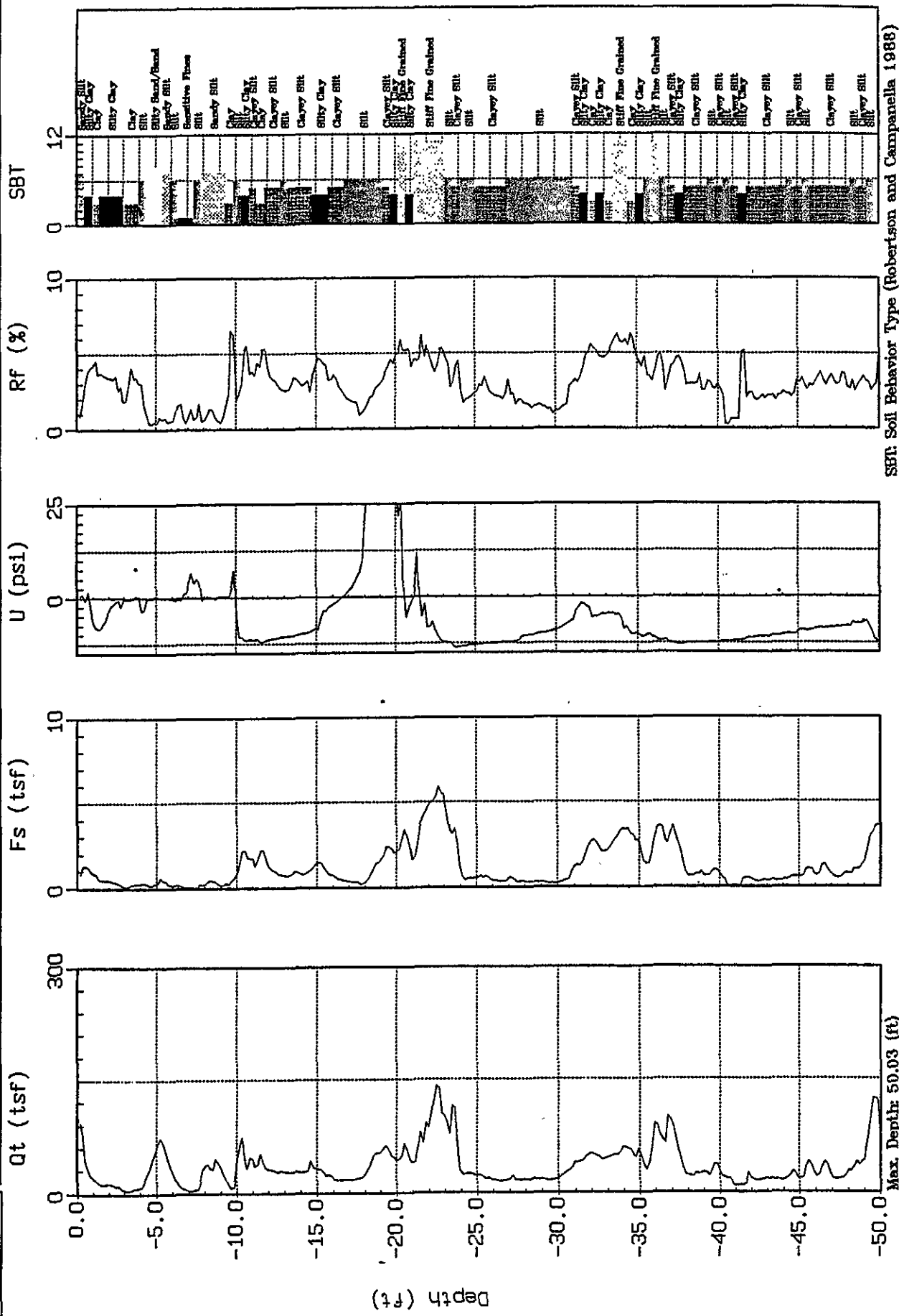
<ul style="list-style-type: none"> <li>Pem - Permeability</li> <li>Consol - Consolidation</li> <li>LL - Liquid Limit</li> <li>PI - Plasticity Index</li> <li>Gs - Specific Gravity</li> <li>MA - Particle Size Analysis</li> <li>-200 - Percent Passing No. 200 Sieve</li> <li>ND - Not Detected</li> <li>■ - Tube Sample</li> <li>⊠ - Bag or Bulk Sample</li> <li>☒ - Lost Sample</li> <li>▽ - First Groundwater</li> <li>◊ - Stabilized Groundwater</li> </ul>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Shear Strength (psf)</th> <th style="text-align: center;">Confining Pressure (psf)</th> <th></th> </tr> </thead> <tbody> <tr> <td>TxUU</td> <td style="text-align: center;">3200</td> <td style="text-align: center;">(2600)</td> <td>Unconsolidated-Undrained Triaxial Shear</td> </tr> <tr> <td>TxCU</td> <td style="text-align: center;">3200</td> <td style="text-align: center;">(2600)</td> <td>Consolidated-Undrained Triaxial Shear</td> </tr> <tr> <td>TxCD</td> <td style="text-align: center;">3200</td> <td style="text-align: center;">(2600)</td> <td>Consolidated-Drained Triaxial Shear</td> </tr> <tr> <td>SSCU</td> <td style="text-align: center;">3200</td> <td style="text-align: center;">(2600)</td> <td>Consolidated-Undrained Simple Shear</td> </tr> <tr> <td>SSCD</td> <td style="text-align: center;">3200</td> <td style="text-align: center;">(2600)</td> <td>Consolidated-Drained Simple Shear</td> </tr> <tr> <td>DSCD</td> <td style="text-align: center;">2700</td> <td style="text-align: center;">(2000)</td> <td>Consolidated-Drained Direct Shear</td> </tr> <tr> <td>UC</td> <td style="text-align: center;">470</td> <td></td> <td>Unconfined Compression</td> </tr> <tr> <td>LVS</td> <td style="text-align: center;">700</td> <td></td> <td>Laboratory Vane Shear</td> </tr> <tr> <td>FV</td> <td style="text-align: center;">300</td> <td></td> <td>Field Vane Shear</td> </tr> <tr> <td>RFV</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TV</td> <td style="text-align: center;">800</td> <td></td> <td>Torvane Shear</td> </tr> <tr> <td>PP</td> <td style="text-align: center;">400</td> <td></td> <td>Pocket Penetrometer <i>(actual reading divided by 2)</i></td> </tr> </tbody> </table>		Shear Strength (psf)	Confining Pressure (psf)		TxUU	3200	(2600)	Unconsolidated-Undrained Triaxial Shear	TxCU	3200	(2600)	Consolidated-Undrained Triaxial Shear	TxCD	3200	(2600)	Consolidated-Drained Triaxial Shear	SSCU	3200	(2600)	Consolidated-Undrained Simple Shear	SSCD	3200	(2600)	Consolidated-Drained Simple Shear	DSCD	2700	(2000)	Consolidated-Drained Direct Shear	UC	470		Unconfined Compression	LVS	700		Laboratory Vane Shear	FV	300		Field Vane Shear	RFV				TV	800		Torvane Shear	PP	400		Pocket Penetrometer <i>(actual reading divided by 2)</i>
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# Subsurface

Site : Green City Lofts  
Location : CPT-01

Engineer: R. Barlett  
Date : 11:29:00 14:32



SBT: Soil Behavior Type (Robertson and Campanella 1988)

Max. Depth: 50.03 (ft)

Depth Inc.: 0.164 (ft)



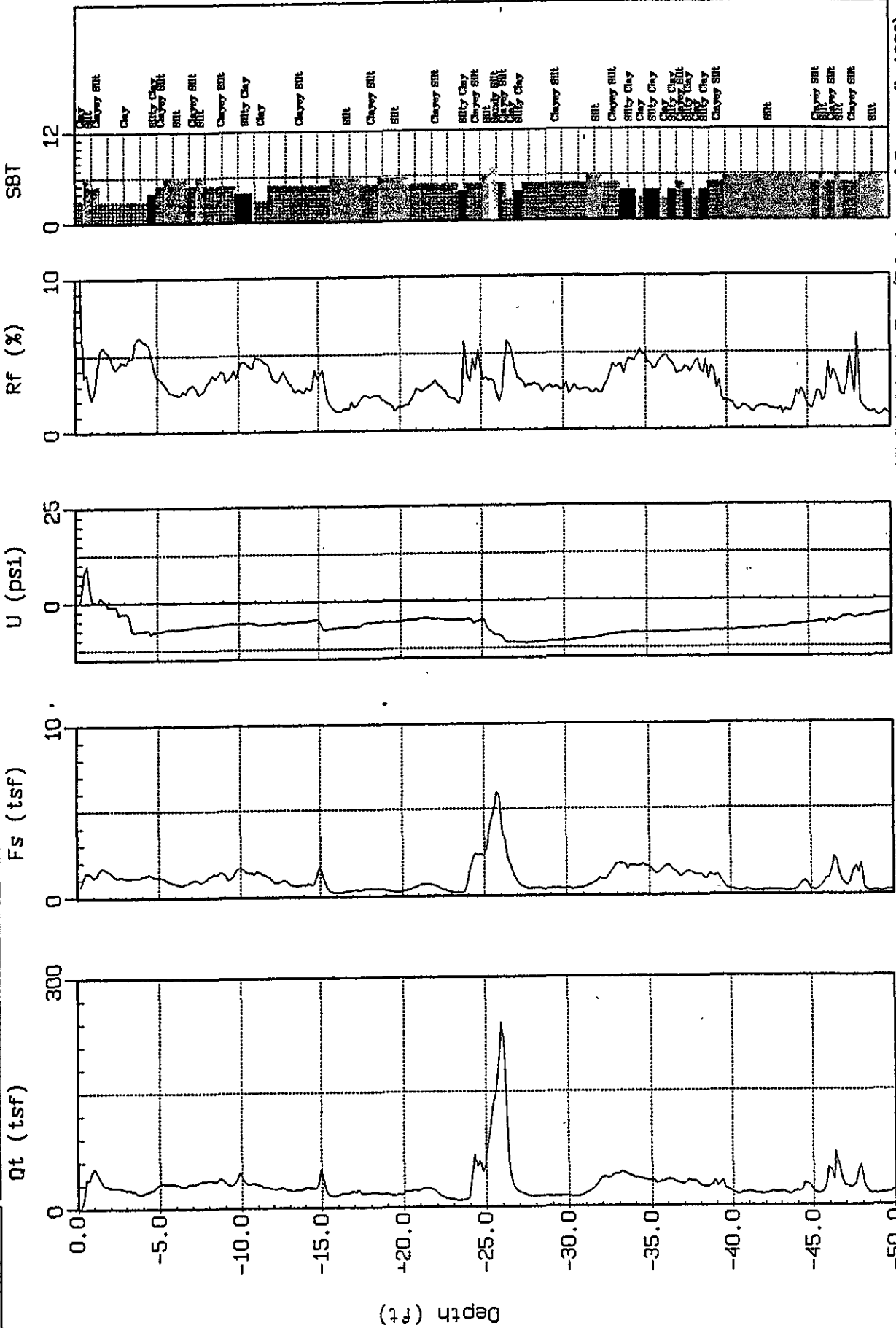




# Subsurface

Site : Green City Lofts  
Location : CPT-03

Engineer: R. Barlett  
Date : 11:29:00 17:39



SBT: Soil Behavior Type (Robertson and Campanella 1988)

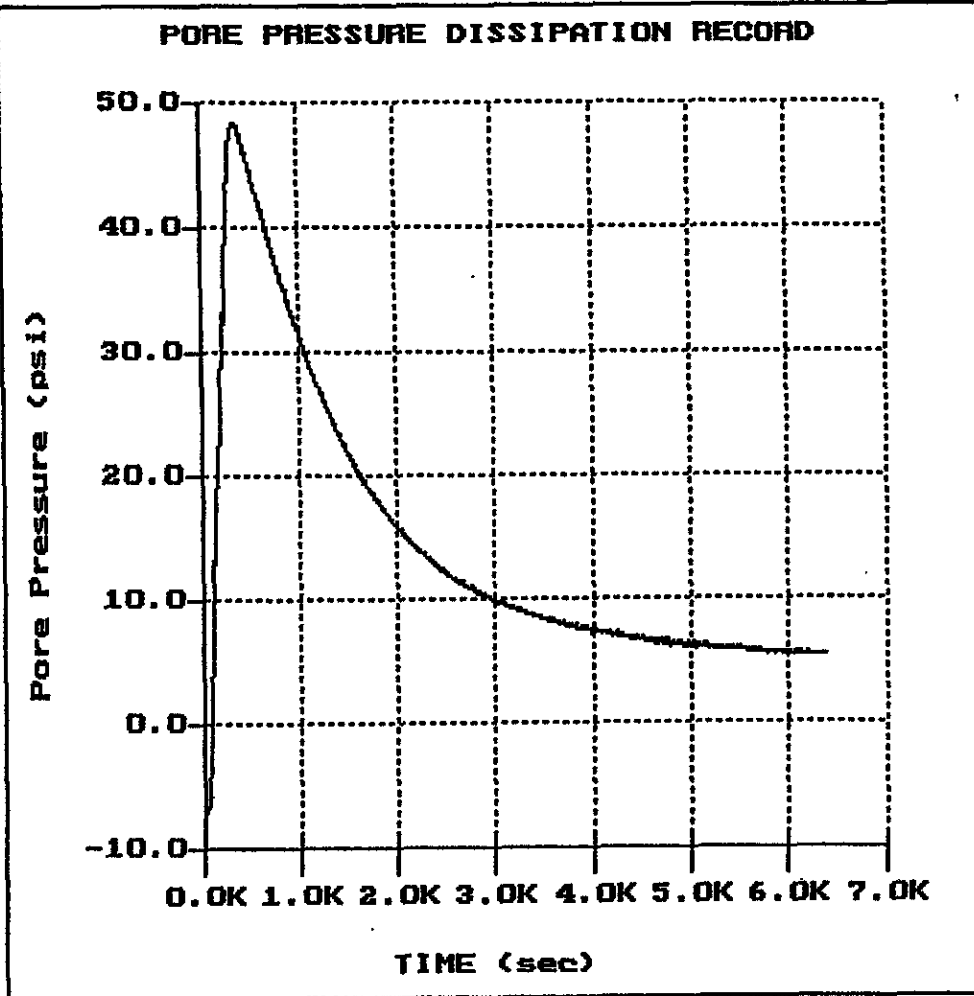
Max Depth: 50.03 (ft)

Depth Inc: 0.164 (ft)

# Subsurface

Site: CPT-01  
Location: Green City

Engineer: R. Bartlett  
Date: 11:29:00 14:32



File: 190C01.PPR  
Depth (m): 4.60  
(ft): 15.09  
Duration: 6385.0s  
U-min: -9.28 0.0s  
U-max: 48.36 360.0s

**BES**

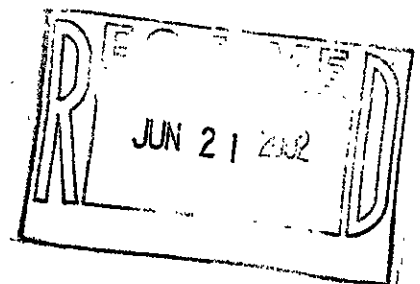
**BLOCK ENVIRONMENTAL SERVICES**

**RISK MANAGEMENT PLAN  
O.N.E. COLOR COMMUNICATIONS  
AND  
GREENCITY LOFTS**

**February 2002**

**Prepared for:**

Consulting Environmental  
Engineers and Scientists



2451 Estand Way  
Pleasant Hill, CA 94523-3911  
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**RISK MANAGEMENT PLAN  
O.N.E. COLOR COMMUNICATIONS  
AND  
GREENCITY LOFTS**

**February 2002**

**Prepared for:**

**ONE Color Communications  
1001 42<sup>nd</sup> Street  
Oakland, CA 94608**

**And**

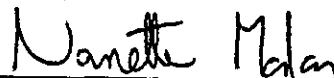
**GreenCity Lofts  
4050 Adeline Street  
Emeryville/Oakland, CA**

**Prepared by:**

**Block Environmental Services, Inc.  
2451 Estand Way  
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## A. EXECUTIVE SUMMARY

The subject of this Risk Management Plan (RMP) are two adjacent properties, the ONE property, and the former Dunne Quality Paints property. The properties are located at 1001 42<sup>nd</sup> Street and 1007 41<sup>st</sup> Street, on the Oakland /Emeryville border, in Alameda County, California. The ONE property was formerly used by Boysen Paints as a paint and varnish manufacturing company. A portion of the site was occupied briefly by a furniture refinisher. Site activities on the former Dunne Paints property include latex paint manufacturing and blending, varnish production, warehouse and office space. The property, and surrounding properties, are currently used for light industrial, commercial and residential purposes. Both Dunne and Boysen Paints stored mineral spirits on the site.

GreenCity Lofts proposes to build 62 live/work lofts on the former Dunne Paints property. These units will be grouped into 5 separate buildings. The height of these buildings will vary between 3 and 5 stories. The unit sizes will range between 600 and 1500 square feet, and will be available as studios, one, or two bedroom units. The plan is to demolish existing structures and build several units and a parking structure. No further development is anticipated for the ONE property.

This RMP was prepared by Block Environmental Services (BES) to determine the potential health and ecological risks associated with exposure to residual contamination in the soil and groundwater at the site.

Numerous subsurface investigations were conducted at the site to characterize contamination in both soil and groundwater. Both the Regional Water Quality Control Board and the Alameda County Department of Health Services identified Total Petroleum Hydrocarbons mineral spirits as the only chemical of concern for the site. Residual TPH mineral spirits was found in the groundwater at both the ONE and Dunne Paints properties. Groundwater investigations from the site, as well as, from neighboring property California Linen, conclude the contaminant plumes are not migrating. TPH mineral spirits was also detected in some soil samples collected from the property.

Consistent with current and future land use, exposure pathways were determined. Due to the fact that the properties are completely paved (with the exception of a small 2x3 foot patch of exposed soil on the former Dunne Paints property), no surface water exist on the property, and groundwater at the site is not used. Therefore no complete exposure pathway exist under current land use.

Exposure pathways were also examined for future scenarios due to the plans to demolish the current structures on the Former Dunne Paints property to develop live/work lofts equipped with parking amenities. In lieu of deed restrictions restricting groundwater usage, the greatest potential risk for exposure is identified as the on-site workers during demolition activities.

Complete exposure point concentrations can not be quantified due to the nature of the chemical of concern. Complete information regarding a detailed composition of mineral spirits in the

environment, or its toxicity, is not available. Therefore, no indicator chemical can be selected as a surrogate to quantitatively assess risk due to exposure. A Health and Safety Plan has been developed to minimize any exposure to the chemical residue during demolition activities.



## 1 INTRODUCTION

This Risk Management Plan has been prepared by Block Environmental Services (BES) on behalf of ONE Color Communications and the former Dunne Quality Paints, to assess the human health risks associated with chemical residues that have been detected in the soil and groundwater at the subject property. This report addresses two adjacent properties which collectively comprise the site. The ONE property is located at 1001 42<sup>nd</sup> Street, and the former Dunne Quality Paints property is located at 1007 41<sup>st</sup> Street, on the Oakland/Emeryville border. The ONE site was previously owned and occupied by Boysen Paints.

GreenCity Lofts proposes to build live/work lofts on the former Dunne Paints property. The plan is to demolish existing structures and build several units and a parking structure. No further development is anticipated for the ONE property.

The basis of this Risk Management Plan are site investigations prepared by various consultants on behalf of ONE Communications, former Dunne Paints, and California Linen, as well as, terms and conditions approved by the Regional Water Quality Control Board and the Alameda County Health Services. The reports, described in detail elsewhere in this document, provide quantitative and qualitative information on the nature and distribution of the chemical residues at the property, along with hydrogeological site characterization data.

The overall purpose of the RMP is to identify and evaluate the potential for adverse effects to human health that could result from exposure of chemical residues identified as existing at the site.

The specific objectives for achieving this overall goal are to:

1. Select representative chemicals of concern from among the inventory of chemicals identified as present in soil and groundwater at the site;
2. Identify all potential routes of exposure, if any, to chemical residues present;
3. Estimate the intake of residual chemicals that might be absorbed into the human body; and
4. Characterize any human health risks resulting from estimated theoretical exposures to chemical residues originating from residues of chemicals of concern at the site.

The only chemical identified as a chemical of concern for this Risk Management Plan, agreed upon by the Regional Water Quality Control Board and Alameda County Health Services, is Total Petroleum Hydrocarbons mineral spirits. Estimated health and ecological risks are intended to provide the necessary basis for obtaining regulatory closure of the site without further investigation or cleanup of residual contamination at the site.

**This risk management plan contains the following:**

- a description of the site background, including a brief site history and a summary of residual COC's in site soil and groundwater;
- a description of GreenCity Lofts' planned redevelopment; and
- construction risk management protocols to be implemented during site redevelopment

## 2 SITE BACKGROUND

For the purpose of this Risk Management Plan, the study area in which there may be potential for human and ecological exposure to the chemical residues present in on-site soil and in the groundwater, is comprised of two properties, ONE Color Communication, situated at 1001 42<sup>nd</sup> Street, and the former Dunne Quality Paints, located at 1007 41<sup>st</sup> Street on the Oakland/Emeryville border approximately 1 mile east of the San Francisco Bay in Alameda County, California. (Figure 1).

Extensive soil and groundwater investigations have been conducted on the subject property and an adjacent facility, California Linens located on the southeast corner of 41<sup>st</sup> and Linden Streets at 989 41<sup>st</sup> Street in Oakland. These investigations were prompted by the existence of underground storage tanks (USTs) used for chemical storage on the three facilities (Figure 2). Dunne and Boysen Paints used USTs for the storage of mineral spirits (a.k.a. paint thinner or stoddard solvent) while California Linen used USTs for the storage of # 5 fuel oil, regular gasoline, and unleaded gasoline. Investigations confirmed residual contamination in groundwater samples taken from the three properties.

Gasoline and mineral spirits are both classified as light petroleum distillates with the majority of each compound's carbon chains in the size range of C1 to C15 (Uhler, 1998). Diesel and kerosene are mid-range compounds, generally ranging from C10 to C22. Each class of compounds have distinctive profiles, namely, distributions and proportions of carbon chains. However, it is impossible to distinguish quantitatively between TPH as mineral spirits and either gasoline or diesel within a range. In addition, the Hydrocarbons have degraded over the years making exact identification impossible. This leads to inconclusive laboratory data regarding the specific type of petroleum hydrocarbon present on each property.

Due to the proximity and the fact that Boysen Paints and Dunne Paints each stored mineral spirits, it is impossible to examine the groundwater with respect to only one of the two properties. However, California Linens stored gasoline and diesel products which can generally be separately identified due to the association with BTEX compounds. Analyses of the laboratory data supports the conclusion the contamination from California Linen's former USTs has not commingled with plumes associated with former USTs at Dunne Paints or the former Boysen Paint Property.

The property use has not changed in over 10 years. The site's predominantly low-permeability Bay Mud and small groundwater gradient have kept the plume confined to the site.

The Alameda County Department of Health Services approved BES's conclusion that the plume from California Linen does not contribute to the risk from the subject site. Therefore this Risk Management Plan is based on potential risk from the ONE and former Dunne Paints facilities only.

**BES concluded that the site appears to be suitable for risk-based closure based on several factors:**

- **Source material has been removed from the former underground storage tank areas;**
- **The type of contamination at the site;**
- **The limited potential for contaminant migration;**
- **Further site remediation is economically infeasible;**
- **Natural degradation of contaminants appears to be occurring; and**
- **Site contamination does not pose an adverse risk to human health and the environment due to incomplete exposure pathways.**

### 3 CHARACTERIZATION OF THE STUDY AREA

This section presents background information about the Study Area that is directly relevant to the Risk Management Plan. Included is information regarding historical and present activities related to chemical usage and releases, information on the physical features of the Study Area, a summary of the chemical residues found in the Study Area, and information concerning population densities and demographics in the area of interest. The information contained in this section is derived principally from previous site investigation reports. Specifically these documents are:

4 M Construction letter with laboratory data to Alameda DEH; July 21, 1987.

Environmental Services, Inc. Soil report letter to Dunne Quality Paints, January 25, 1988.

Dunne letter to RWQCB; February 12, 1988.

OHM; *Field Investigation of an Underground Storage Tank, Former Grow Group Facility*; March 29, 1988.

Hunter/Gregg; *Underground Tank Removal Report for SEMCO at Dunne Quality Paint*; November, 1988.

California Linen letter to Gil Wister, Alameda DEH; March 23, 1989.

Robert J. Miller Co. letter to Alameda County Health; April 25, 1989.

Miller Environmental Company; *Report on Subsurface Investigation*; Prepared for California Linen; November 3, 1989.

Miller letter to Gil Wistar, Alameda DEH; November 21, 1990.

Blymer Engineers, Inc.; *Level I Environmental Site Assessment*, Prepared for Dunne; June 11, 1991

Aqua Terra Technologies; *Groundwater Analytical Data*; Prepared for ONE; January 8, 1992.

Hageman-Aguiar, Inc.; *Report of Limited Soil Investigation*; Prepared for Dunne Paints; June 22, 1992.

ESC; *Underground Storage Tank Closure and Supplemental Soil and Groundwater Investigation Report, Former Boysen Paint Facility*; August 16, 1993.

Fetter, C.W.; *Applied Hydrogeology*; 3<sup>rd</sup> edition; Prentice Hall, Inc.; 1994.

ESC; *Underground Storage Tank Closure and Supplemental Soil and Groundwater Investigation Report, Former Boysen Paint Facility*; August 16, 1993.

Fetter, C.W.; *Applied Hydrogeology*; 3<sup>rd</sup> edition; Prentice Hall, Inc.; 1994.

ESC; *Groundwater Monitoring Report, Former Boysen Paint Facility*; March 7, 1994.

BES letter report to Brian Oliva, Alameda DEH; September 14, 1994.

BES sump closure letter report to Susan Hugo, Alameda DEH; November 27, 1995.

National Assessment Corporation (NAC); *Phase I Environmental Site Assessment*; Prepared for ONE, 1001 42<sup>nd</sup> Street; March 19, 1998.

BES letter workplan to Susan Hugo, Alameda DEH; June 8, 1998.

Uhler, Allen D., McCarthy, Kevin J., and Stout, Scott A.; "Get To Know Your Petroleum Types"; *Soil and Groundwater Cleanup*; July, 1998.

BES; *Evaluation of Site Contamination and Recent Groundwater Sampling ONE, Dunne Paints, California Linen*, February 25, 1999.

BES; *Groundwater, Soil & Air Sampling Results ONE, Dunne Paints, California Linen*, July, 2000

BES; *Environmental Site Assessment Former Dune Paints*, December 11, 2000

### 3.1 SITE DESCRIPTION

The site is located approximately one mile east of the San Francisco Bay on the north edge of Oakland, with the Oakland/Emeryville common boundary passing through the ONE and Dunne Paints Properties. The site includes Assessor Parcel Numbers (APN), 12-1023-1-1, 49-1023-5-2, 12-1022-1, 12-1022-2, and 49-1022-1. The site vicinity and site location are shown in Figures 1 and 2.

The ONE property consists of three brick buildings with mortar exterior walls, and an asphalt parking area. The buildings include a 40,000 sq ft two story office/design building, a 2,000 sq ft maintenance and storage shop, and a 7,000 sq ft storage facility.

The former Dunne Paints facility consists of several adjacent buildings constructed between 1923 and 1978. The property includes a paved parking lot bordering Adeline Street, attached to a paved driveway on the southern portion of the property. The facility is currently used for office space, storage, and commercial purposes. The site is covered with concrete except for the asphalt

parking lot.

### 3.2 HISTORIC SITE USE

The earliest records on file at the City of Oakland Building Permits Records Department, for the One property, contained information on a renovation of the site buildings in 1936 by Walter Boysen Paint Company (NAC, 1998). Original building permits and permits dated prior to 1936 were not available. The property was occupied from the mid 1930s to 1990 by Boysen Paints, a paint and varnish manufacturer. In the early 1980s, Boysen Paint merged into the Ameritone Paint Corporation, a subsidiary of Crow Group. In May 1981, Mr. and Mrs. Kozel purchased the property from Crow Group. Boysen ceased operations in 1990 and ONE began operating a printing business on the property. A portion of the property was occupied by Rockridge Antiques from the late 1980s to 1993, who used part of the etching room for refinishing antiques.

The former Dunne Paints property consists of three separate parcels, two in Oakland and one in Emeryville. The Alameda County Recorder's Office maintains deeds recording the purchase of the property by Frank W. Dunne from James and Mary Tavares dating July, 9 1923. Previous records date the transfer of the property to the James and Mary Tavares in 1917. The earliest city records on file for Oakland and Emeryville at the Oakland Public Library list Frank W. Dunne Company as the occupant of a portion of the property from 1923 to 1979. There were no listings for the remainder of the property until the 1981 records list Frank W. Dunne Company and Dunne Paint Company as the occupants of the portion of property on 41<sup>st</sup> Street, and Frank W. Dunne as the occupant on the Adeline Street portion. The Dunne Paint Company was listed as the occupant on the property from 1984 to 1991 with a distinction between the Dunne Paint Store on Adeline and the Dunne Paint Company Office on 41<sup>st</sup> Street. A building permit for a warehouse addition and retail store were on record at the Emeryville Building Department dating back to March, 8 1978. Six other permits from the 1984 to 1986 were on file for renovations, fixtures, installation of a heat pump, ducts, and sprinklers. Earlier records were not available. (Blymyer 1991).

Aerial photographs from the years 1930, 1947, 1950, 1957, 1963, 1969, 1975, 1979, 1985, 1990, and 1996 were reviewed at Pacific Aerial Surveys Photograph Library in Oakland on November 28, 2000.

The 1930 photo was clouded but the surrounding property was clearly mixed residential, industrial, and commercial. The 1947 photo revealed a large warehouse bordering 41<sup>st</sup> Street to the north, and a vacant undeveloped lot to the west, on the portion of property bordering Adeline and 41<sup>st</sup> Street. A railroad right-of-way spanned the southeastern portion of the property. A building was visible on the adjacent property to the southwest. Above ground tanks were visible in the 1950 photo, on the property to the south of the warehouse and on the adjacent properties to the north at the facility across 41<sup>st</sup> street, and to the east on the property across the street. Photographs from 1957 on revealed automobiles parking on the previously vacant section. By the 1963 photograph, the railroad right-of-way was removed and replaced with a building. The

1969 photo revealed development to the west of the warehouse bordering 41<sup>st</sup> street. An additional building was clearly seen adjacent to the warehouse in the 1979 photo. The parking lot now appeared to be paved. The above ground tanks on the property to the north are no longer visible in the 1985 photo. The area is clearly transformed to a loading dock by 1990. The tanks on the former Dunne paints property have been removed by the 1996 photo.

Sanborn Insurance Company maps were reviewed at the University of California Berkeley's Map Room on December 8, 2000. Maps dating 1903, 1911 and 1951 were reviewed. A building is visible on the property in the 1903 map. The type of building was not identified. The map from 1911 shows four residential buildings. The 1951 map reveals several buildings owned by the Frank W. Dunne Company. The buildings included a paint warehouse, a loading dock, a varnish kitchen and storage building, a print mill, and a storage yard.

The property was used by Dunne Paints for paint manufacturing from 1923 until the early 1990s. A retail store owned by Dunne was added in the 1980s. Site activities included paint manufacturing, latex manufacturing and blending, varnish production, warehouse space, and office space. Locations are shown in Figure 2. After Dunne Paints ceased activity, the property was occupied by a silk screen business (Cynder Block), poster print business, and a furniture refurbisher (Top Coat). The retail store was converted to office space used by a large appliance distributor, LCI. LCI used warehouse space to receive and store large appliances before they were shipped to a purchaser. Site uses are shown in Figures 2-4.

### 3.3 PREVIOUS INVESTIGATIONS

#### 3.3.1 ONE

At least two former underground storage tanks (USTs) were associated with the ONE property. A 10,000 gallon UST that had stored mineral spirits (a.k.a. paint thinner or stoddard solvent) was located in the truck loading area. This tank was excavated in the first half of 1987. Two soil samples collected from below the former UST indicated concentrations of total hydrocarbons of 6.5 and 43.5 mg/kg, of benzene of 0.07 mg/kg and non-detect, of toluene of 0.6 mg/kg (both), and of xylenes of 17.6 and 4.3 mg/kg (4M Construction, 1987). A monitoring well, MW-LD4, was installed adjacent to the loading dock. Details of the removal of this tank and the date of well installation are unknown. It appears that MW-LD4 was constructed in the excavation pit using the same methods as for MW-D1 and MW-D2, described later in this report.

In 1987, O.H. Materials Corp. (OHM) began investigating a UST located under the sidewalk along 41<sup>st</sup> Street. The tank was reportedly used by the former Boysen Paint Company to store mineral spirits. Following a ground penetrating radar survey for underground utilities and the installation of a temporary monitoring well during 1988 and 1989, approximately 610 gallons of solvents, sludge, and water were pumped from the tank and disposed of in April, 1990. In May, 1990 monitoring well MW-B1 was installed at the western end of the UST. Compounds detected in the first groundwater sample collected included 57,000 µg/L of Total Petroleum



Hydrocarbon (TPH) of unknown type and 11.4 µg/L of methylene chloride (ESC, 1993). On September 30, 1991, Aqua Terra Technologies (ATT) collected groundwater samples from MW-B1 (identified as MW-41<sup>st</sup> in their report) and MW-LD4 (ATT, 1992). The laboratory analysis for MW-B1 indicated 18,000 µg/L TPH-g, 29,000 µg/L kerosene, 5.6 µg/L toluene, 250 µg/L ethylbenzene, 980 µg/L total xylenes, and non-detect for all volatile organic compounds (VOCs), and halogenated organic compounds, including methylene chloride.

In May 1993 ESC began activities to close the tank in place. After removing the sidewalk and fill, the tank was measured to have a capacity of 8,000 gallons. Signs of weakness and holes were found in the tank piping and soil discoloration was observed in the product-line trench. Approximately 25 tons of soil were excavated from above the tank and hauled for disposal. Soil samples collected in the excavation pit around the tank and piping contained TPH matching the mineral spirit standard, however the samples were not quantified using this standard. The samples did not contain detectable levels of VOCs except for low levels of xylenes (400 to 800 µg/L) in the west, east, and pipeline soil samples. A total of 39 cubic yards of cement slurry was pumped into the tank to fill it. The excavation pit was backfilled with pea gravel and the sidewalk replaced.

ESC installed three more monitoring wells (MW-B2, MW-B3, and MW-B4) in May of 1993. These wells are all located in 41<sup>st</sup> Street and nearly form a line running east to west. On June 10, 1993 and again on September 29, 1993 ESC sampled the five monitoring wells on ONE property, as well as two wells on California Linen property and two wells on Dunne Paints property. Results from both sampling events did not indicate detectable levels of VOCs in any wells at ONE. The September sample analysis was the only one to quantify levels of TPH as mineral spirits, indicating concentrations of 290,000 µg/L in MW-B2, 43,000 µg/L in MW-B1, and between 700 and 2,400 µg/L in the remaining wells at ONE.

A stormwater drainage system at ONE included two steel-lined concrete sumps located adjacent to the former truck loading area. Rockridge utilized a trough in this area to strip furniture using a solvent mixture containing methylene chloride. Sludge found in the bottom of the smaller sump was sampled by ESC in May 1993. ESC reported Total Petroleum Hydrocarbons (TPH) concentrations as a non-gasoline mix at 130,000 µg/L, toluene concentration at 1,100 µg/L, ethylbenzene at 1,400 µg/L, xylene at 14,000 µg/L, trichloroethylene (TCE) at 460 µg/L and methylene chloride at 17,000 µg/L in the sludge found at the bottom of the sump (ESC, August, 1993). The larger sump contained about 110 gallons of liquid, which was removed from the sump on August 10, 1993. The liquid was manifested and sent for recycling by Rockridge. ONE sampled and analyzed the liquid waste in the sump using EPA Method 624. The liquid contained 79,000 µg/L methylene chloride, 12,000 µg/L TCE, and trace amounts of 1,2-dichloroethylene (DCE).

BES conducted a field investigation in 1994 to determine whether methylene chloride or TCE had contaminated soil or groundwater adjacent to the sumps. This involved drilling a boring adjacent and downgradient to the sumps, collecting soil samples at 3 and 8 feet below ground surface (bgs), and installing a monitoring well (BES-1). No halogenated VOCs (including

methylene chloride and TCE) were found in the groundwater above the method detection limit. However, TCE was found in the three-foot soil sample at 9.5 µg/kg and in the eight-foot soil sample at 13 µg/kg. TPH as diesel and as mineral spirits were found in the groundwater, and TPH as mineral spirits was found in the eight-foot soil sample. Based on the data from this investigation, it was concluded that the sumps held their integrity since methylene chloride was not detected in soil or groundwater (BES, 1994). The two sumps were cleaned and filled with concrete in October 1995. A closure report for the sumps was submitted to ADEH in November 1995 (BES, 1995).

Methylene chloride was detected in the groundwater in only one well at one sampling event in May 1990. No other sampling events have detected methylene chloride or any other halogenated organic compounds in any groundwater wells at the site.

### 3.3.2 Dunne Paints

Dunne Paints owned six USTs for storing mineral spirits. The tanks were located under the sidewalk on the south side of 41<sup>st</sup> Street (Figure 3). Four connected tanks of 6,000, 3,000 (2), and 2,000 gallons buried under the western half of the sidewalk were in use for approximately 20 years up to the time of their removal. Two 4,000 gallon tanks located near the eastern end had not been used for over 35 years prior to their removal (Dunne, 1988).

Environmental Services, Inc. conducted a preliminary soil investigation in January 1988. An analysis of 12 soil borings adjacent to the tanks indicated high concentrations of TPH as mineral spirits in the vicinity of all six tanks. The tanks were removed on July 18 and 19, 1988 by SEMCO Construction Company. The 6,000 gallon tank (farthest to the west) had a small leak evident during removal, and both 4,000 gallon tanks (farthest to the east) were "badly damaged" with water streaming out of several small holes during removal. Approximately 60 cubic yards of petroleum hydrocarbon saturated soil and an unknown quantity of liquid was removed from the tank pits. Groundwater infiltrated the excavations at a depth of approximately 7 feet bgs, which prohibited sampling soil immediately below the former tanks (Hunter/Gregg, 1988).

Two monitoring wells, designated MW-D1 and MW-D2, were installed, one in each excavation pit, prior to backfilling. The wells were constructed in an unorthodox manner in order to facilitate groundwater sampling and in-situ treatment without the use of a drilling rig. The construction method consisted of suspending four-inch slotted PVC pipe to a depth of four feet below the tank bottom elevation in each pit while backfilling and compacting each pit with pea gravel to sub-grade. The top of each casing was sealed with concrete and fitted with a stovepipe, cover, and well box. Although the wells are shallow, they are screened sufficiently to intercept free floating product and to accommodate water table fluctuations.

Grab samples were collected from each well in August 1988, although the exact sampling procedure and purging method, if any, were not specified. The samples were analyzed only for TPH as mineral spirits, indicating concentrations of 1,000 µg/L in MW-D1 and 1,600 µg/L in

MW-D2. All subsequent sampling of MW-D1 has been non-detect for TPH as mineral spirits. As shown in Table A1, TPH concentrations in MW-D2 from January, 1989 to September, 1993 decreased incrementally from a concentration of 1,600  $\mu\text{g/L}$  in August, 1988 to 220  $\mu\text{g/L}$  in September, 1993. Therefore, by September 1993 concentrations of TPH as mineral spirits decreased by at least 86 percent in both wells.

Traces of ethylbenzene and toluene were detected in some groundwater samples collected up to April 1989, however in all subsequent sampling events these chemicals were non-detect. Levels of toluene and ethylbenzene in wells MW-D1 and MW-D2 were well below California State Water Resources Control Board (SWRCB) underground tank regulation action levels. Total xylenes were detected in both wells on three occasions, the last in February 1990. The highest concentration of total xylenes measured was well below the SWRCB action level for xylene. In each of three subsequent sampling events since February 1990, none of these BTEX compounds have been detected. No halogenated or volatile organic compounds were detected in either well in the June 10, 1993 and September 29, 1993 sampling events.

### 3.3.3 California Linen

Three former USTs located at California Linen were removed in February 1989 by Miller Environmental Company. These included a 2,500 gallon tank that contained #5 fuel oil, a 10,000 gallon tank that contained regular gasoline, and a 550 gallon tank that contained unleaded gasoline. Analytical results from soil samples collected from under the tanks after their removal indicated hydrocarbon contamination above RWQCB action levels in each excavation pit.

The soil sample collected from the western end of the 2,500 gallon tank pit contained 900 mg/kg TPH-d and 650 mg/kg oil and grease, while the sample from its eastern end was non-detect for both contaminants. A water sample taken from the excavation pit contained 520,000  $\mu\text{g/L}$  TPH-d (Robert J. Miller Co., 1989). An undated, handwritten letter from Robert J. Miller Co. attached to a letter from California Linen to the ADEH dated March 23, 1989 indicates that contaminated soil was removed from this excavation pit and hauled to a disposal site (California Linen, 1989). No details are given as to the extent of over-excavation and no other soil sample data has been located. MW-3 was subsequently installed adjacent and downgradient to the former location of the 2,500 gallon tank. The well did not contain detectable levels of TPH as gasoline, diesel, or oil for four quarterly sampling events over a one-year period. Therefore, the ADEH approved the destruction of MW-3, which occurred in July 1991.

The soil sample from the southern end of the 10,000 gallon tank excavation pit contained 38 mg/kg TPH-g, and concentrations of benzene, toluene, ethylbenzene, and xylenes (BTEX) of 0.23, non-detect, 0.56, and 1.8 mg/kg, respectively. The sample from the northern end of the 10,000 gallon tank was non-detect for each of these compounds, however a water sample collected from the excavation pit contained 1,200  $\mu\text{g/L}$  TPH-g, and concentrations of BTEX at 240, 76, 40, and 200  $\mu\text{g/L}$ , respectively (Robert J. Miller Co., 1989). According to Robert J. Miller Co., the ADEH granted approval to backfill the excavation pit on February 27, 1989

(California Linen, 1989). MW-2 was subsequently installed adjacent and downgradient to the former location of the 10,000 gallon gasoline tank. The well contained a detectable concentration of TPH (50 µg/L TPH-d in August 1991) in only one of eleven sampling events between October, 1989 and June 1993. Of the BTEX compounds, only toluene and total xylenes have been detected, and only in the March 1992 sampling event (1.1 and 3.3 µg/L respectively).

Initial soil samples from the southern end of the 550 gallon tank excavation pit contained 310 mg/kg TPH-g, and levels of BTEX of 5.3, 24, 7.6, and 45 mg/kg, respectively. A sample from the northern end also contained appreciable, though smaller, concentrations of each of these compounds. After over-excavation of the pit, two soil samples were collected, both of which proved to be non-detect for each of the compounds tested. MW-1 was installed adjacent and downgradient to the former location of the 550-gallon gasoline tank. This well consistently contained appreciable concentrations of TPH and BTEX compounds in each of the eleven sampling events mentioned above.

### 3.4 RECENT INVESTIGATIONS

Based on the previous investigations, BES collected groundwater, soil and air samples from the One and Dunne properties on December 14, 1999 for further characterization of the property necessary for the completion of a Health Risk Assessment, (HRA) for submittal to Alameda Health Services and the Regional Water Quality Control Board.

BES took depth to groundwater measurements, purged and collected groundwater samples from each of the seven remaining wells on and adjacent to the subject properties ( MW-B2, MW-B3, MW-B4, MW-D1, MW-D2, MW-LD4, BES-1; locations are shown in Figure 5 ). Groundwater samples were analyzed for total petroleum hydrocarbons as mineral spirits and depth to groundwater was measured.

Table A and B include these results along with all other analytical results from previous site investigations. With the exception of MW-LD4, concentrations of TPH-ms were lower than those measured the previous year. MW-LD4 exhibited a significant increase, therefore an additional sample was collected on January 13, 2000 to confirm the results. The concentration of the sample taken in January was of the same order of magnitude as the December sample (Table A1).

Four temporary monitoring wells were installed and sampled to determine if TPH-ms contamination migrated downgradient to Adeline St, and to determine if current or past operations at Dunne paints have impacted the groundwater. Locations of samples, HP-1, HP-2, HP-3, and HP-4, are shown in Figure 4 . HP-1 was sampled on December 14, 1999, and HP- on December 15, 1999. Concentrations of TPH-ms were detected at 21,000 and ND<56 µg/l respectively. The appreciable concentration of TPH-ms in HP-1 prompted concerns of contamination. A second sample was taken from the same location on January 13, 2000 along with samples from HP-2 and HP-4. Concentrations of TPH-ms were detected at ND<50 67 and

470 respectively. Based on these results it appears TPH-ms contamination in groundwater has not migrated downgradient to Adeline Street.

BES collected soil samplers from two locations in the former varnish production portion of the former Dunne Paints property, currently housing a furniture restoration business. Prior to sampling, a concrete core was taken near a sampling location to assess soil for sampling. Three samples from two locations were analyzed; a surface sample and a sample at a depth of two feet from an exposed patch of soil (DS-0 and DS-2 respectively), as well as, a sample at a depth of three feet adjacent to a storm drain next to a former varnish kettle (DV-3). Samples were analyzed for metals (EPA Method 6010), volatile organic compounds (8260), and TPH as mineral spirits (8015). Analysis suggests the soil below the vent (DV-3) have not been affected by site activities, and the only organic detected was acetone, a common laboratory contaminant. Analytical results for DS-0 indicate detectable levels of metals, benzene, naphthalene, xylene, and TPH-ms, 2.3, 3.1-32, 4.6, and 15,000 mg/kg. The contamination appears to be confined to the surface soils, indicated as DS-2 which only had a detectable concentration of TPH-ms (20 mg/kg). Organics and metal concentrations were significantly reduced.

Ambient and emission flux chamber samples were collected providing data concerning the emission of vapors from soil and groundwater into indoor air on the two properties. An indoor ambient sample (ONE-DESK) and a flux chamber sample (ONE-FLUX) were taken from the basement of the ONE office and printing building. A flux chamber sample (DUNNE-FLUX) was taken from the Dunne Paints building in a room formerly used for solvent mixing. Additionally, an ambient background sample (ONE-AMB) was collected just north of the ONE building. All samples except ONE-DESK were collected on December 15, 1999. ONE-DESK had to be re-sampled on January 13, 2000 due to a defective flow restrictor invalidating the original sample. Analysis of the background sample detected slight levels of methylene chloride, benzene, toluene, acetone, ethanol, and TPH-hexane, 3.1, 3.5, 11, 12, 8.9, and 43 mg/m<sup>3</sup> respectively. Slightly higher levels of these compounds, with the exception of benzene which was not detected in the ONE-Flux sample, were detected in the ONE-FLUX and DUNNE-Flux samples. Both samples detected higher levels of TPH-hexane, 750 and 1,800 mg/m<sup>3</sup> respectively, and acetone, 170 and 670 mg/m<sup>3</sup> respectively. Additional chemical detected in the ONE-FLUX sample include 2-propanol, and hexane, at 39 and 330 mg/m<sup>3</sup>. Additional samples detected in the DUNNE-FLUX sample include m,p-xylene, 2-propanol, 2-butanone, hexane, and cyclohexane, 5.7, 120, 12, 150, and 19 mg/m<sup>3</sup> respectively.

### **3.4.1 Physical Features of the Study Area**

#### **3.4.1.1 Hydrogeologic Characterization**

The site soils consist of Quaternary Alluvium overlying Franciscan bedrock. Bedrock is likely to occur at a depth of 50 feet or greater beneath the site, creating an impermeable aquitard, or perch, for groundwater. On this portion of the low-lying Bay Plain in close proximity to San Francisco Bay, the site soils can be expected to consist primarily of fine grain silts and clays, termed "Bay Mud". Bay Mud is predominantly composed of unconsolidated, olive gray, blue gray, or black

silty clay, created by the deposition of sediments carried by San Joaquin and Sacramento River. Permeability is generally low except where lenses of sand occur (Miller, 1989; Hageman-Aguiar, 1992).

### 3.4.1.2 Site Hydrogeology

Lithologic logs for borings drilled throughout the site indicate that the soil consist primarily of fine-grained sediments which fall into the category of Bay Mud. In a temporary well drilled to 20 feet bgs adjacent to the 8,000 gallon tank at ONE, soils were brown and gray clay for the entire depth, with increasing silt content beginning at 16 feet (OHM, 1988). Logs for MW-B2, MW-B3, and MW-B4 identify layers containing varying levels of gravel and silt as their primary constituents down to 14 feet bgs (ESC, 1993). Grading to finer particles, but still mostly sand, occurred to depths between 21 and 22 feet. Below this depth, clayey silt was observed in each well to final boring depths of 25 feet. The lithologic log for MW BES1 indicates silty sand to 7 feet, sandy silt to 24 feet, and clayey silt to 30 feet bgs (BES, 1994). Twelve soil borings drilled adjacent to each of the six Dunne USTs along 41<sup>st</sup> Street indicated predominantly clay soils to 6 to 10 feet and clayey sand and gravel from 10 to 17 feet bgs (Environmental Services, 1988). Six soil borings drilled throughout the Dunne property determined that soils are predominantly clay, though some borings encountered silt layers, and two indicated inter-bedded layers of sand and gravel from 10 to 12 feet bgs (Hageman-Aguiar, 1992). The lithologic logs for the three monitoring wells installed on the California Linen property (MW-1, MW-2, and MW-3), indicate a homogenous clayey lithology in all three borings, except for a sand lens between 3.5 and 4.0 feet in MW-3 (Miller, 1989). Monitoring well locations are shown in Figure 5.

Groundwater investigations imply a flow direction to the west. BES collected groundwater gradient data on December 10, 1998 from monitoring wells, MW-B2, MW-B3, MW-B4, MW-LD4, BES-1, MW-D2, MW-1, and MW-2. With the exception of MW-B4, the data indicates that the flow direction can generally be described as west, just as ESC determined in 1993. A determination of the north-south component of the groundwater flow direction is difficult given the locations of the existing wells and that MW-B1 no longer exists

Groundwater elevations measured by BES December 14, 1999 for monitoring wells MW-B2, MW-B3, MW-B4, MW-LD4, BES-1, MW-D1, and MW-D2, were nearly identical to those measured December 13, 1998, each differing less than 1 percent. A determination of the north-south component of the groundwater flow direction is difficult given the locations of the existing wells and that MW-B1 no longer exists. The fact that MW-B4 had the lowest elevation even though it is located almost linearly between MW-B3 and MW-B2 may indicate a localized condition brought about by the presence of a higher permeability layer (i.e. sand lens) within surrounding soils. This condition was also noted in 1998. Depth to groundwater ranged between 4.60 feet for MW-D1, to 10.98 for BES-1. The remaining wells depth to groundwater measured between 5.08 and 6.52 feet .

If a value is assumed for the hydraulic conductivity of the site's soils, the groundwater flow rate in an unconfined aquifer can be approximated using the Dupuit equation. The general range of

hydraulic conductivity for clay is  $10^{-9}$  to  $10^{-6}$  cm/s, for silt, sandy silts and clayey sands it is  $10^{-6}$  to  $10^{-4}$  cm/s, and for silty sands and fine sands it is  $10^{-5}$  to  $10^{-3}$  cm/s (Fetter, 1994). Using  $10^{-5}$  cm/s as a conservative value for the site's Bay Mud soils yields a groundwater flow rate of 0.17 ft/yr.

hydraulic gradient at the site was determined to be 0.033 feet/foot to the east-northeast, with a conservative groundwater flow rate estimate, based on the site's soil characteristics, of 1.7 feet/year.

### **3.4.1.3 Climatology/Meteorology**

The climate of the east bay is generally temperate due to the proximity of the ocean. Climate data for the Oakland Museum station (Station No. 043083) indicates that mean monthly temperatures range from 50.9 degrees Fahrenheit (°F) in January to 80.1°F in July (Western Regional Climate Center, Reno, Nevada). Monthly high average temperatures range from 57.3°F in January to 74.6°F in September, while monthly low temperatures range from 36.2°F in December to 62.7°F in July.

The average annual precipitation for the area is 23.43 inches, with over 84% of it measured during November through March. In contrast, just over 1% of the total precipitation occurs during the months of June, July, and August. The rainiest month is January and the driest is July. Less than 2% of the total precipitation occurs during the months of June, July, and August.

The closest available station for wind data is the Oakland Airport. The prevailing winds originate from the west and average 9 mph, ranging from 6-11 mph. Winds of less than 7 mph occur 50% of the time.

## **3.4 GREENCITY LOFTS' PLANNED REDEVELOPMENT**

GreenCity Lofts proposes to build live/work lofts on the former Dunne Paints property. The plan is to demolish existing structures and build several units and a parking structure. No further development is anticipated for the ONE property.

## 4 CONSTRUCTION RISK MANAGEMENT

### 4.1 SCOPE OF WORK /PLANNED SITE ACTIVITES

Site activity planned for the former Dunne Paints property includes the demolition of existing structures on the property for the construction of live/work lofts accompanied with parking amenities. Prior to demolition, approximately 9 cubic yards of soil contaminated with high concentrations of TPH as mineral spirits and metals will have to be properly disposed. The approximate 2 by 3 foot rectangular patch of exposed soil in the former varnish production area will be excavated to a depth of 1.5 feet. This soil will be taken to the appropriate landfill.

The buildings will be demolished and cleared from the property by a trained crew. After the former Dunne Paints property is destroyed, soil samples will be taken and analyzed for TPH mineral spirits prior to any excavation activities, to determine proper disposal options. Soil will need to be excavated and removed for the planned construction. The site footprints will be excavated and the soil removed and taken to proper disposal facilities. Ultimately all remaining soil on the site will be encapsulated by the new live/work lofts and parking structure.

Management of ground water during construction of the parking structure, will be done as follows: During excavation, soil will be removed up to a depth of 4 feet below ground water level. Shoring will be installed along the site perimeter as the soil are being excavated. When the water table is reached, ground water will be filtered and discharged off site. To minimize the extraction and intrusion of ground water from off site, a water proof membrane will be applied over the shoring.

During demolition and construction, workers will follow all prescribed methods and procedures to protect workers and adjacent community to hazardous conditions.

### 4.2 WORKER PROTECTION

Each construction contractor with workers who may directly contact Site soil or groundwater (e.g., during site preparation, demolition, excavation) will prepare its own site-specific health and safety plan ("H&SP), consistent with State and Federal Occupational Safety and Health Administration standards for hazardous waste operations (California Code of Regulations, Title8, Section 5192 and 29 Code of Federal Regulations 1910.120, respectively) and any other applicable health and safety standards. Each contractor will provide copies of its H&SP to GreenCity Lofts. Among other things, the H&SP will include a description of health and safety training requirements for on-site personnel, a description of the level of personal protective equipment to be used and any other applicable precautions to be undertaken to minimize direct contact with soil and groundwater.

Workers who may directly contact Site soil or groundwater will have the appropriate level of health and safety training and will use the appropriate level of personal protective equipment, as



determined in the relevant H&SP.

## 5 RISK ASSESSMENT

This section presents data and information to identify potential human health risks from exposure to residual chemicals of concern in soil and groundwater at the ONE Color Communication and former Dunne Quality Paints properties.

The only chemical identified as a chemical of concern for this RMP, agreed upon by the Regional Water Quality Control Board and the Alameda County Health Services, is Total Petroleum Hydrocarbons as mineral spirits.

### 5.1 TOXICITY ASSESSMENT

Extensive soil and groundwater investigations have been conducted on the subject property and an adjacent facility, California Linens, located on the southeast corner of 41<sup>st</sup> and Linden Streets at 989 41<sup>st</sup> Street in Oakland (Figure 2.)

California Linen stored # 5 fuel oil, regular gasoline and unleaded gasoline on the property. ONE and Dunne stored mineral spirits (a.k.a. paint thinner or stoddard solvent) in UST's on their properties.

Due to the differences in each compound's carbon chains, which gives a distinctive profile to each chemical it was possible to determine that the gasoline and diesel products from California Linen did not co-mingle with the plumes associated with former UST's at ONE or Dunne properties.

Complete exposure point concentrations can not be quantified due to the nature of the chemical of concern. Complete information regarding a detailed composition of mineral spirits in the environment is not available. Therefore, no indicator chemical can be selected as a surrogate to quantitatively asses risk due to exposure.

### 5.2 EXPOSURE ASSESSMENT

Exposure assessment, as defined by the National Academy of Science (NAS, 1983), is the process of measuring or estimating the intensity, frequency, and duration of human exposure to an agent currently present in the environment. "In its most complete form, exposure assessment should describe the magnitude, duration, schedule, and route of exposure; the size, nature, and classes of population exposed; and the uncertainties of all estimates". The magnitude of exposure is determined by measuring or estimating the amount of an agent available at the exchange boundaries (i.e. lungs, gastrointestinal tract, skin) during a specified time period.

## 5.2.1 Evaluation of potential exposure pathways

Based on the physical environment and human activity in the Study Area, exposure pathways considered potentially significant for the receptors of concern are considered in this section.

### 5.2.1.1 Former underground storage tanks

The former on-site underground storage tanks located under the sidewalk on either side of 41<sup>st</sup> Street are the only significant sources of contamination that have been identified at the site (Figures 2-4). The only material known to have been stored in them is mineral spirits for use in manufacturing paints by both Dunne and Boysen Paints, which formerly occupied the site. All tanks were excavated and removed in 1987 and 1988, and some or all were confirmed to have leaked.

Groundwater samples from throughout the site have been analyzed for VOC's and various types of TPH. Except for a few concentrations of BTEX compounds above analytical detection limits, all samples have been non-detect for VOC's (Table A). Hydrocarbons detected in groundwater appear to most closely match the mineral spirits profile.

Soil and groundwater are known to be contaminated with TPH as mineral spirits. Areas of contamination, which occur under the ONE property, former Dunne Paints property, and sidewalks on either side of 41<sup>st</sup> Street, are completely paved with either concrete or asphalt.

Due to the plans to develop the former Dunne Paints property for live/work space, contamination in the soil can become a complete exposure pathway. Exposure to constituents in the soil could occur through the inhalation and ingestion of on-site soil and fugitive dust emissions, as well as, dermal contact with on-site soil.

Groundwater investigations have concluded the contaminated plume under the subject property is not migrating. BES concludes that based on existing measurements, the hydraulic gradient for the site averages between 0.01 and 0.03ft/ft in the western direction, although it may also have an appreciable north/south component. The gradient is not necessarily consistent over the site given the variation in composition and layers in the site's soils.

Previous reports provide quantitative and qualitative information on the nature and distribution of the chemical residues at the properties. Further groundwater investigations completed by BES revealed evidence supporting the observation TPH mineral spirit residue in groundwater plumes under ONE and former Dunne properties have not co-mingled with plumes from neighboring property, California Linens. Contamination was kept confined to the site due to the predominately low-permeability Bay Mud and small groundwater gradient. Due to the low permeability and variation in the layer compositions, movement of air and vapors through the soil matrix is hindered. Therefore inhalation of vapors originating from groundwater emissions is not a likely complete exposure pathway.

The most recent groundwater sampling, December 14, 1999, was generally consistent with previous sampling events: TPH mineral spirits concentrations were lower in all wells except for one. This trend is consistent with previous data implying the contaminants are naturally degrading.

Groundwater in the vicinity is not likely to be used for drinking purposes due to the lack of drinking water wells in the site vicinity, as well as, drinking water in the vicinity is known to be supplied from surface water sources originating in the Sierra Nevada mountain range. Therefore, ingestion of groundwater would not be considered a complete exposure pathway for the purpose of a risk management plan. In addition, it is known that a condition for site closure will be a deed restriction prohibiting the use of the site's groundwater.

No surface water is present at or near the site, and therefore dermal contact with contaminated water is not a potential exposure pathway.

In summary, pathways considered potentially significant for the receptors of concern in a developmental land use scenario include:

1. Pathways associated with soil
  - Ingestion of on-site soil and fugitive dust emissions
  - Dermal contact with on-site soil
2. Pathways associated with air
  - Inhalation of fugitive dust generated by wind erosion

#### **5.2.1.2 Current Land Use**

The ONE property consists of three individual buildings constructed with brick and mortar exterior walls. The buildings include a building used for printing design and office space, a building used as a maintenance and storage shop, and a building used for file storage. The remaining property is covered with concrete or asphalt and used for parking (NAC, 1998).

The former Dunne Paints property is divided into several adjacent buildings with a paved parking lot bordering Adeline Street attached to a paved driveway on the southern portion of the property. A two story building used as office space for a software company, M-Code is located at the western portion of the property facing Adeline St. Attached to the office building is warehouse space. Green City Development Group uses the space for a mailing address. Adjacent to the warehouse is storage space used by a construction company, West Mac Builders. Office space bordering 41<sup>st</sup> St is occupied by Spam Records. Commercial space bordering the Eastern portion of the property is currently leased to a small printing business, Icon Press, with printing areas extending behind the neighboring office space. Property and current tenants are shown in Figure 4.

The area surrounding the subject site is a mix of commercial, light industrial, and residential properties. Currently, the property to the north across 41<sup>st</sup> street includes residences and ONE Color Communications, a printing company. Property to the east include California Linen Rental which has operated a linen supply rental service and commercial laundry at this location since October 1924. Directly south of California Linen Rental are residences. The property South of the include National Upholstering Co., which refurbishes furniture, warehouse space, and a natural foods grocery store. East of the property across Adeline St., is primarily residential. There is an elementary school on the corner to the northwest of the property.

#### **5.2.1.3 Future Land Use**

The Green City Lofts proposes to build live/work lofts on the former Dunne Paint property. The plan is to demolish existing structures and build several units and a parking structure.

Due to the variety of land uses in the area (i.e. industrial, commercial, and residential), specific locations will likely change, but it is unlikely that the land use characteristics of the overall Study Area will undergo any significant change.

#### **5.2.1.4 Groundwater and Wells**

BES contacted the California Department of Water Resources to determine if there are any wells located within 2,000 feet of the site. DWR stated that the only wells located within this radius are groundwater monitoring wells. DWR could not provide further information on the wells without either consent from the well owner or a request from a regulatory agency. Because there are no drinking water wells in the site vicinity and drinking water in the vicinity is known to be supplied from surface water sources originating in the Sierra Nevada mountain range, BES concludes that groundwater in the vicinity of the site is not and is not likely to be used for drinking purposes, and ingestion of groundwater would not be considered a complete exposure pathway for the purpose of a human health risk assessment (HRA). In addition, it is known that a condition for site closure will be a deed restriction prohibiting the use of the site's groundwater.

#### **5.2.1.5 Surface Water**

No surface water is present at or near the site.

### **5.3 RECEPTORS OF POTENTIAL CONCERN IN THE STUDY AREA**

The receptor of potential concern for the study Area is based on the development plans for the former Dunne Paints facility. The development plans include the demolition of existing structure to build live/work lofts. Potential human receptors at the site under current land-use activities include adult workers during the construction period. Dunne Paints property for live/work space. Inhalation of chemicals present at the site is potentially a complete exposure

pathway for adult workers. Due to the inability of finding a chemical with properties similar to TPH as mineral spirits, surrogate analysis is infeasible

#### 5.4 ESTIMATION OF EXPOSURE CONCENTRATIONS

An exposure point concentration is the amount of a chemical in the transport media (i.e. soil, air) of a complete exposure pathway at the point of human intake (EPA, 1989b). The evaluation presented in above determined that there potential complete exposure pathways in a development scenario. Each potentially complete exposure pathway has a corresponding exposure point and exposure point concentration.

The exposure points for the on site worker receptor are:

- Areas containing soil of maximum chemical residue concentrations for ingestion and dermal contact
- Ambient air containing airborne particulate matter and chemical vapors

Limited soil sampling of former Dunne Paints property in 1992 after the removal and remediation of soil surrounding the tanks, revealed concentrations of TPH mineral spirits of up to 620 mg/kg at seven feet. This investigation sampled six locations at 4 and 7 feet. Only two locations detected TPH as mineral spirits at 4 feet with concentrations of 4.9 and 3.4 mg/kg, and three locations detected TPH as mineral spirits at 7 feet with concentrations of 1.5, 17 and 620 mg/kg (Hageman-Aguilar, 1992).

Additional soil sampling was performed in two locations December 15, 1999, and January 13, 2000 at former Dunne Paints property. Both samples were collected from the former varnish production area. One sample was taken at three feet from a location (DV) adjacent to what appeared to be a storm drain next to one of the former varnish kettles. Upon closer inspection during site sampling, it was apparent that this was actually an air vent servicing the adjacent former kettle, which probably served to provide oxygen to fires heating the kettles. Sampling was still conducted in this location to determine whether the vent maintained its integrity given that stains and solvents may have been poured into the vent. Samples were taken from the surface and two feet from location DS, an exposed rectangular patch of soil with approximate dimensions of 2 by 3 feet discovered in another portion of the former Dunne Paints varnish production area.

Soil samples DV-3, DS-0, and DS-2, were analyzed for metals and TPH as mineral Spirits. DV-3 was non-detect for TPH as mineral spirits and contained only background concentrations of metals. Results for sample DS-0 revealed high concentrations of metals and TPH as mineral spirits (15000 mg/kg), as well as detectable concentrations of benzene, naphthalene, and xylenes. Contamination in that small patch of soil is confined to the surface, as the samples from a depth of two feet indicated only detectable levels of TPH as mineral spirits (20 mg/kg) and metal

concentrations were significantly reduced. Contaminated surface soil will be removed and properly disposed of prior to demolition (Section )

Due to the unavailability of finding a surrogate chemical with comparable properties to TPH as mineral spirits, it is infeasible use a surrogate approach for estimating an exposure concentration of TPH mineral spirit for inhalation.

## 6 ECOLOGICAL RISK ASSESSMENT

Ecological Risk posed from chemical residue present at the site was not investigated since there were no complete exposure pathways. The site is completely paved. There are no surface water bodies present near the site that may be impacted from chemicals at the site. It has been shown the groundwater at the site is not migrating. Hence, no aquatic receptors are present in the vicinity of the site. The site does not support small mammals and other terrestrial species. The greatest risk to terrestrial animals would not be from residual site chemicals but from intentional anthropogenic application of chemicals to discourage rodents. For these reasons ecological risk assessment is not warranted.

## 7 REFERENCES

- 4 M Construction letter with laboratory data to Alameda DEH; July 21, 1987.
- Aqua Terra Technologies, 1992. *Groundwater Analytical Data*; Prepared for ONE; January 8, 1992
- BES, 1994. letter report to Brian Oliva, Alameda DEH; September 14, 1994.
- BES, 1995. sump closure letter report to Susan Hugo, Alameda DEH; November 27, 1995.
- BES, 1998. letter workplan to Susan Hugo, Alameda DEH; June 8, 1998.
- BES, 1999. *Evaluation of Site Contamination and Recent Groundwater Sampling ONE, Dunne Paints, California Linen*, February 25, 1999.
- BES, 2000. *Groundwater, Soil & Air Sampling Results ONE, Dunne Paints, California Linen*, July, 2000
- Blymer Engineers, Inc., 1991. *Level I Environmental Site Assessment*, Prepared for Dunne; June 11, 1991
- California Linen letter to Gil Wister, Alameda DEH; March 23, 1989.
- CAPCOA, 1992. Risk Assessment Guidelines: Air Toxics "Hot Spots" Program. Prepared by: California Air Pollution Control Officers Association (CAPCOA).
- DTSC, 1993. Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities, California Department of Toxic Substance Control, Office of Scientific Affairs. Sacramento, CA.
- DTSC, 1999. Preliminary Endangerment Assessment Guidance Manual. January, 1994. California Department of Toxic Substance Control. Sacramento, CA.
- Dunne letter to RWQCB; February 12, 1988.
- Environmental Services, Inc, 1988. Soil report letter to Dunne Quality Paints, January 25, 1988.
- ESC, 1993. *Underground Storage Tank Closure and Supplemental Soil and Groundwater Investigation Report, Former Boysen Paint Facility*; August 16, 1993.
- ESC, 1994. *Groundwater Monitoring Report, Former Boysen Paint Facility*, March 7, 1994.
- EPA, 1986. Guidelines for Health Risk Assessment of Chemical Mixtures. Fed. Reg. Vol. 51. (185): 341014-34025. September 24, 1986.

- EPA, 1986. *Superfund Public Health Evaluation Manual*. October 1986, Office of Emergency and Remedial Response, Office of Solid Waste And Emergency Response, U.S. Environmental Protection Agency, Washington, D.C. 20460.
- EPA, 1988. *Superfund Exposure Assessment Manual*. December 1988. Office of Emergency and Remedial Response, U.S. Environmental Protection Agency, Washington, D.C. 20460.
- EPA, 1989b. *Risk Assessment Guidance for Superfund, Volume 1: Human Health Evaluation Manual (Interim Final)*, Office of Emergency and Remedial Response, Office of Solid Waste and Emergency Response, U.S. Environmental Protection Agency, Washington, D.C. 20460.
- EPA, 1990. *Air/Superfund National Technical Guidance Study Series, Volume II-Estimation of Baseline Air Emissions at Superfund Sites*, Office of Air Quality. EPA-450/1-89-002a.
- EPA, 1990. *Methodology for Assessing Health Risks Associated with Indirect Exposure to Combustor Emissions*. January 1990. Office of Health and Environmental Assessment. U.S. Environmental Protection Agency, Washington D.C. EPA/600/6-90/003.
- EPA, 1991b. *Risk Assessment Guidance for Superfund: Volume I-Human Health Evaluation Manual (Part B, Development of Risk-based Preliminary Remediation Goals)*. Interim. Office of Emergency and Remedial Response, U.S. Environmental Protection Agency, Washington, D.C. 20460. EPA 9285.7-01B.
- EPA, 1992. *Dermal Exposure Assessment: Principles and Applications*. EPA/600/8-91/001b Office of Research and Development. Washington, DC
- EPA, 1999. *Risk Assessment Guidance for Superfund. Volume 1*. EPA/540 F98115 Office of Research and Development. Washington, DC
- Fetter, C.W, 1994. *Applied Hydrogeology*; 3<sup>rd</sup> edition; Prentice Hall, Inc.; 1994.
- Hageman-Aguiar, Inc. 1992. *Report of Limited Soil Investigation*; Prepared for Dunne Paints; June 22, 1992.
- Hunter/Gregg, 1988. *Underground Tank Removal Report for SEMCO at Dunne Quality Paint*; November, 1988.
- Miller, 1990. Miller letter to Gil Wistar, Alameda DEH; November 21, 1990.
- Miller Environmental Company, 1989. *Report on Subsurface Investigation*; Prepared for California Linen; November 3, 1989.
- National Assessment Corporation (NAC), 1998. *Phase I Environmental Site Assessment*;



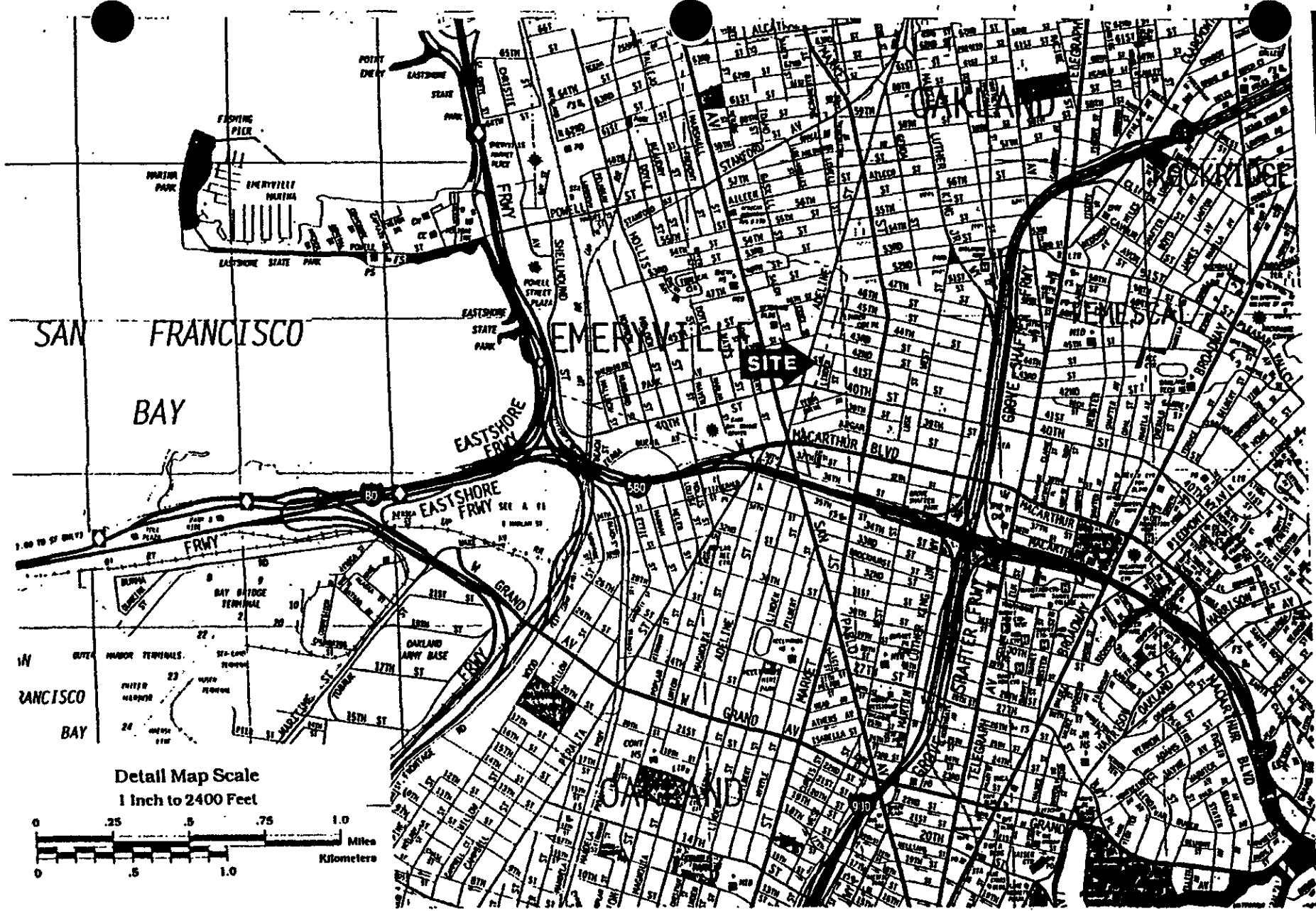
Prepared for ONE, 1001 42<sup>nd</sup> Street; March 19, 1998.

National Park Service, 1997. Environmental Contaminants Encyclopedia Mineral Spirits Entry, Water Resources Division; July 1, 1997.

OHM, 1988. *Field Investigation of an Underground Storage Tank, Former Grow Group Facility*; March 29, 1988.

Robert J. Miller Co. letter to Alameda County Health; April 25, 1989.

Uhler, Allen D., McCarthy, Kevin J., and Stout, Scott A.; "Get To Know Your Petroleum Types"; *Soil and Groundwater Cleanup*; July, 1998.



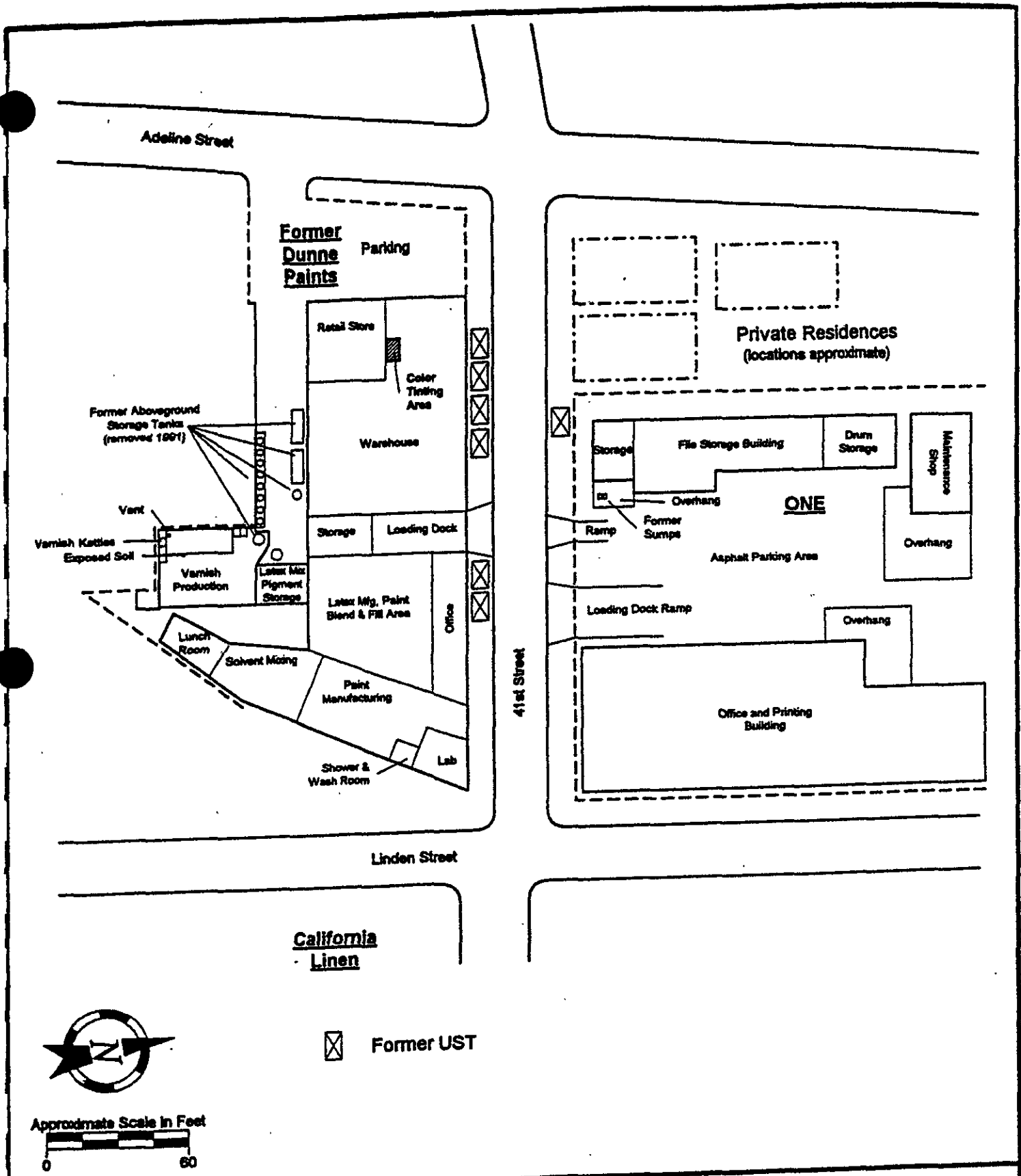
Source: Thomas Brothers Guide, 1998

**BES**  
 Block Environmental Services, Inc.  
 2451 Estand Way  
 Pleasant Hill, CA 94523  
 (925) 682-7200 Fax: 686-0399

Figure 1: Site Vicinity

Former Dunne Paints  
 41st Street at Adeline and Linden  
 Oakland/Emeryville

December 2000

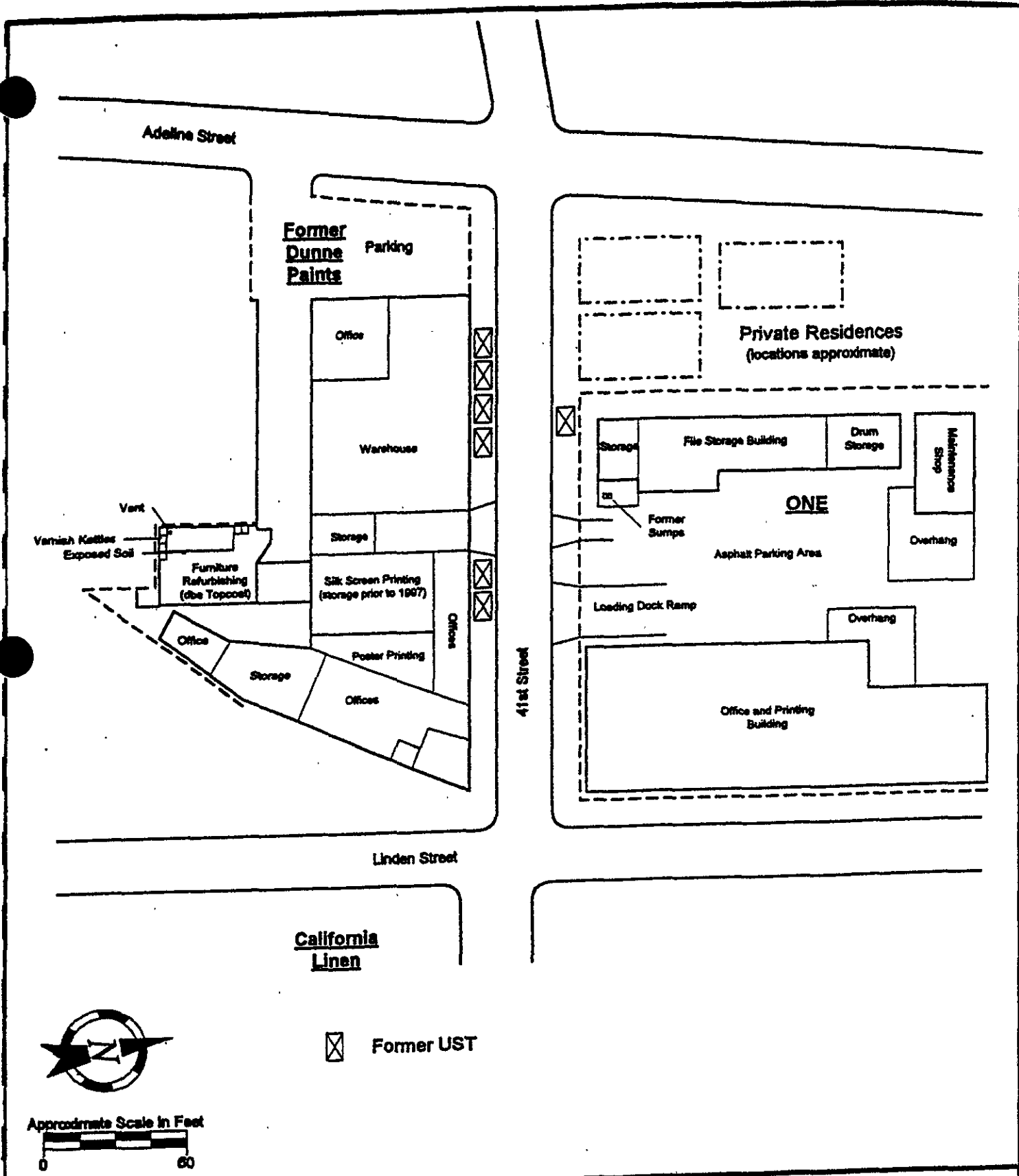


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**Figure 2: Site Map  
 With Historic Property Use**

**Former Dunne Paints  
 41st Street at Adeline and Linden  
 Oakland/Emerville, California**

**December, 2000**

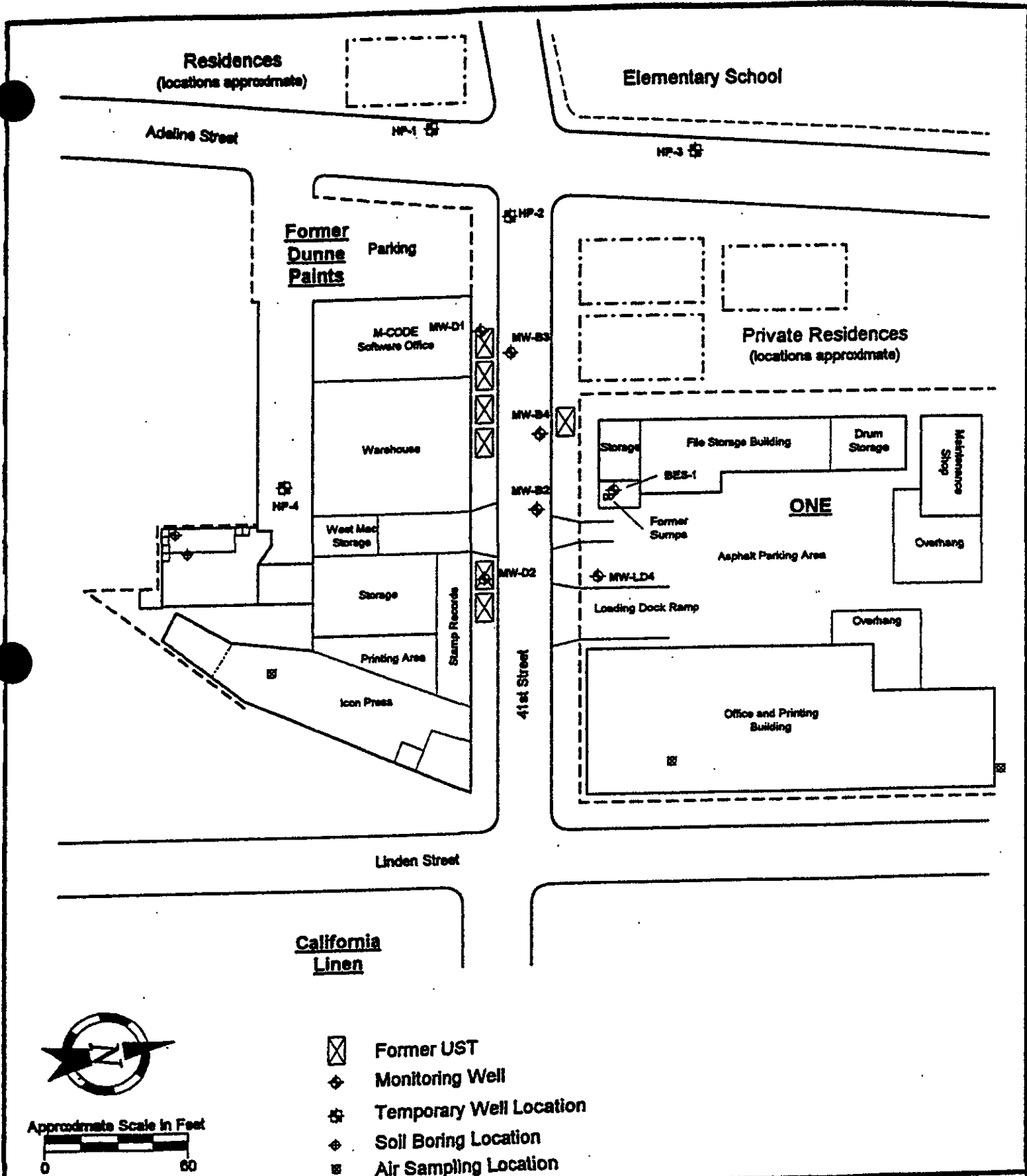


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 (925) 682-7200 Fax: 686-0399

**Figure 3: Site Map With  
 Property Use 1991-1999**

**Former Dunne Paints  
 41st Street at Adeline and Linden  
 Oakland/Emerville, California**

December, 2000

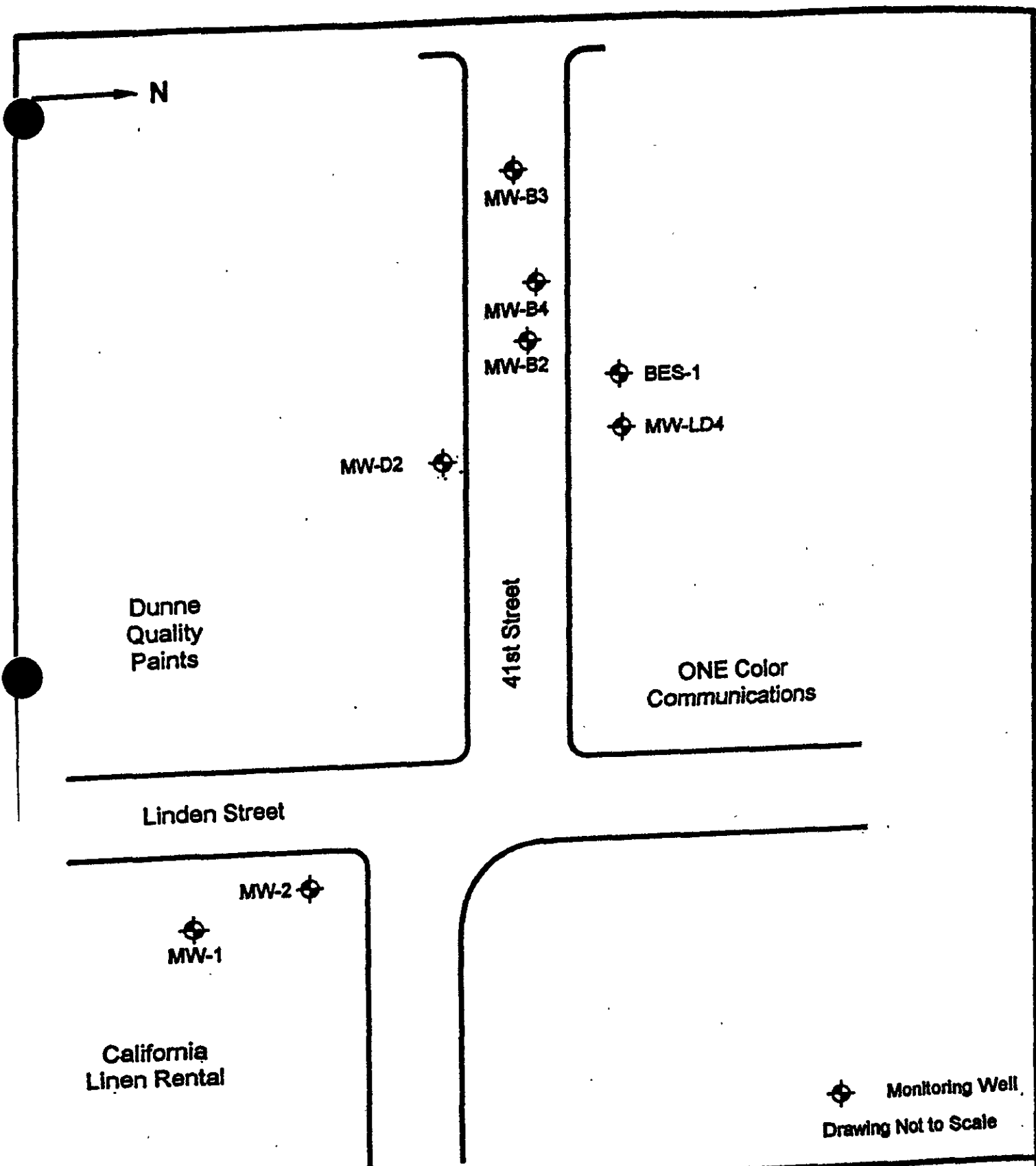


**Figure 4: Site Map  
With Current Property Use**

**Former Dunne Paints  
41st Street at Adeline and Linden  
Oakland/Emerville, California**

**December, 2000**

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**BES**

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**Figure 5: Monitoring Wells  
 Sampled December 10, 1998**

ONE, Dunne Paints, California Linen  
 41st Street at Adeline and Linden  
 Oakland/Emeryville, California

Project No. 9813

January, 1999

**TABLE A: Summary of Groundwater Sampling Analyses  
ONE, California Linen, and Dunne Quality Paints, Oakland/Emeryville, California  
All Concentrations in ug/L**



Well No.	Date	TPH-d	TPH (non-diesel)*	TPH-g	TPPH (non-gasoline)**	Kerosene	Mineral Spirits	Benzene	Ethylbenzene	Toluene	Total Xylenes	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	1,1-Dichloroethylene (DCE)	Methylene Chloride
MW-B1	9/30/91	ND < 50	-	18,000	-	29,000	-	5	250	6	990	ND	ND	ND	ND
	6/10/93	-	27,000	-	57,000	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	9/29/93	-	-	-	-	-	43,000	ND	ND	ND	ND	ND	ND	ND	ND
MW-B2	6/10/93	-	3,800	-	1,400	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	9/29/93	-	-	-	-	-	290,000	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/98	ND < 1,000	-	ND	2,400	ND < 1,000	150,000	ND	ND	ND	ND	ND	ND	ND	ND
MW-B3	6/10/93	-	1,700	-	510	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	9/29/93	-	-	-	-	-	2,400	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/98	ND	-	ND	830	ND	120	ND	ND	ND	ND	ND	ND	ND	ND
MW-B4	6/10/93	-	36,000	-	36,000	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	9/29/93	-	-	-	-	-	1,400	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/98	1,000	-	ND	2,700	ND	7,500	ND	ND	ND	ND	ND	ND	ND	ND
BES-1	4/21/94	18,000	-	-	-	-	12,000	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/98	ND < 1,000	-	***	-	ND < 1,000	78,000	ND	ND	ND	ND	ND	ND	ND	ND
MW-LD4	9/30/91	-	-	-	-	-	-	2.0	9.0	3.1	24	-	-	-	-
	6/10/93	-	21,000	-	1,100	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	9/29/93	-	-	-	-	-	700	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/98	170	-	ND	83	ND	130	ND	ND	ND	ND	ND	ND	ND	ND
MW-D1	8/26/88	-	-	-	-	-	1,000	-	-	-	-	-	-	-	-
	1/18/89	-	-	-	-	-	ND < 1,000	ND	ND	2.0	1.8	-	-	-	-
	4/24/89	-	-	-	-	-	ND < 1,000	ND	ND	ND	1.1	-	-	-	-
	2/21/90	ND	-	ND	-	ND	ND < 100	ND	0.4	ND	1.3	-	-	-	-
	6/10/92	ND	-	ND	-	ND	ND < 50	ND	ND	ND	ND	-	-	-	-
	6/10/93	-	220	-	230	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/93	ND	-	ND	-	-	ND < 50	ND	ND	ND	ND	-	-	-	-
	9/29/93	-	-	-	-	-	110	ND	ND	ND	ND	ND	ND	ND	ND
MW-D2	8/26/88	-	-	-	-	-	1,600	-	-	-	-	-	-	-	-
	1/18/89	-	-	-	-	-	ND < 1,000	ND	ND	6.3	12	-	-	-	-
	4/24/89	-	-	-	-	-	ND < 1,000	ND	ND	ND	7.7	-	-	-	-
	2/21/90	-	-	-	-	-	300	ND	0.3	ND	1.5	-	-	-	-
	6/10/92	ND	-	ND	-	-	76	ND	ND	ND	ND	-	-	-	-
	6/10/93	-	9,100	-	6,200	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/93	ND	-	ND	-	-	ND < 50	ND	ND	ND	ND	-	-	-	-
	9/29/93	-	-	-	-	-	220	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/98	ND	-	ND	95	ND	180	ND	ND	ND	ND	ND	ND	ND	ND

**TABLE A: Summary of Groundwater Sampling Analyses  
ONE, California Linen, and Dunne Quality Paints, Oakland/Emeryville, California  
All Concentrations in ug/L**



Well No.	Date	TPH-d	TEPH (non-diesel)*	TPH-g	TPPH (non-gasoline)**	Kerosene	Mineral Spirits	Benzene	Ethylbenzene	Toluene	Total Xylenes	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	1,1-Dichloroethylene (DCE)	Methylene Chloride
MW-1	10/2/89	610	-	70,000	-	-	-	2,900	2,300	2,400	4,800	-	-	-	-
	2/20/90	2,200	-	73,000	-	-	-	7,500	680	5,900	5,300	-	-	-	-
	7/25/90	ND	-	34,000	-	-	-	2,000	120	670	1,500	-	-	-	-
	10/23/90	1,100	-	50,000	-	-	-	3,300	4,200	4,000	4,700	-	-	-	-
	1/28/91	1,700	-	99,000	-	-	-	4,400	1,800	7,400	8,600	-	-	-	-
	6/5/91	560	-	23,000	-	-	-	2,000	640	1,200	2,500	-	-	-	-
	8/15/91	3,500	-	59,000	-	-	-	3,800	1,100	5,500	4,800	-	-	-	-
	11/21/91	9,800	-	47,000	-	-	-	6,000	2,200	7,200	1,000	-	-	-	-
	3/18/92	14,000	-	77,000	-	-	-	17,000	2,300	18,000	1,300	-	-	-	-
	10/17/92	ND	-	83,000	-	-	-	11,000	13,000	13,000	2,800	-	-	-	-
	6/10/93	-	11,000	38,000	-	-	-	6,700	1,600	3,700	6,500	ND	ND	ND	ND
	9/29/93	-	-	-	-	-	59,000	7,100	1,800	5,700	7,900	ND	ND	ND	ND
	12/10/98	ND	-	***	-	-	ND	4,700	5,300	1,600	1,700	ND	ND	ND	ND
MW-2	10/2/89	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-
	2/20/90	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-
	7/25/90	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-
	10/23/90	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-
	1/28/91	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-
	6/5/91	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-
	8/15/91	50	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-
	11/21/91	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-
	3/18/92	ND	-	ND	-	-	-	ND	ND	1.1	3.3	-	-	-	-
	10/17/92	ND	-	ND	-	-	-	ND	ND	ND	ND	-	-	-	-
	6/10/93	ND	-	ND	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	9/29/93	-	-	-	-	-	ND < 50	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/98	ND	-	***	-	-	ND	250	75	47	33	ND	ND	ND	ND

\* Not Tested  
ND - Non Detectable

\* TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the diesel range  
\*\* TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the gasoline range  
\*\*\* Insufficient quantity of sample for analysis  
\*\*\*\* Discrepancy in elevation surveys



**TABLE B: Summary of Comprehensive Site Depth to Groundwater Measurements  
ONE, California Linen, Dunne Paints, Oakland/Emeryville, California**

All measurements in feet.

Well No.	Date	Depth of Well (bgs)	TOC Elevation (msl)	Depth to Water (bgs)	Ground-water Elevation (msl)	Well No.	Date	Depth of Well (bgs)	TOC Elevation (msl)	Depth to Water (bgs)	Ground-water Elevation (msl)
MW-B1	6/10/93	19.88	49.92	6.14	43.78	MW-B1	10/20/93	19.88	49.92	6.69	43.23
MW-B2	6/10/93	23.35	50.77	6.75	44.02	MW-B2	10/20/93	23.35	50.77	7.25	43.52
MW-B3	6/10/93	20.88	49.02	6.85	42.17	MW-B3	10/20/93	20.88	49.02	6.24	42.78
MW-B4	6/10/93	21.50	49.74	6.00	43.74	MW-B4	10/20/93	21.50	49.74	6.11	43.63
MW-LD4	6/10/93	10.60	51.51	6.98	44.53	MW-LD4	10/20/93	10.60	51.51	7.37	44.14
MW-D1	6/10/93	12.50	50.56	5.29	45.27	MW-D1	10/20/93	12.50	50.56	6.20	44.36
MW-D2	6/10/93	12.55	50.56	6.25	44.31	MW-D2	10/20/93	12.55	50.56	6.48	44.08
MW-1	6/10/93	22.00	53.89	7.41	46.48	MW-1	10/20/93	22.00	53.89	7.98	45.91
MW-2	6/10/93	22.60	54.06	9.24	44.82	MW-2	10/20/93	22.60	54.06	9.18	44.88
MW-B1	7/8/93	19.88	49.92	6.64	43.28	MW-B1	11/23/93	19.88	49.92	6.65	43.27
MW-B2	7/8/93	23.35	50.77	6.91	43.86	MW-B2	11/23/93	23.35	50.77	7.26	43.51
MW-B3	7/8/93	20.88	49.02	6.05	42.97	MW-B3	11/23/93	20.88	49.02	6.18	42.84
MW-B4	7/8/93	21.50	49.74	6.14	43.60	MW-B4	11/23/93	21.50	49.74	6.38	43.36
MW-LD4	7/8/93	10.60	51.51	7.18	44.33	MW-LD4	11/23/93	10.60	51.51	7.32	44.19
MW-D1	7/8/93	12.50	50.56	5.67	44.89	MW-D1	11/23/93	12.50	50.56	6.08	44.48
MW-D2	7/8/93	12.55	50.56	6.37	44.19	MW-D2	11/23/93	12.55	50.56	6.44	44.12
MW-1	7/8/93	22.00	53.89	7.70	46.19	MW-1	11/23/93	22.00	53.89	7.92	45.97
MW-2	7/8/93	22.60	54.06	9.04	45.02	MW-2	11/23/93	22.60	54.06	9.21	44.85
MW-B1	8/24/93	19.88	49.92	6.69	43.23	MW-B2	12/10/98	23.35	50.77	6.43	44.34
MW-B2	8/24/93	23.35	50.77	7.22	43.55	MW-B3	12/10/98	20.88	49.02	4.94	44.08
MW-B3	8/24/93	20.88	49.02	6.21	42.81	MW-B4	12/10/98	21.50	49.74	6.20	43.54
MW-B4	8/24/93	21.50	49.74	6.34	43.40	MW-LD4	12/10/98	10.60	51.51	6.14	45.37
MW-LD4	8/24/93	10.60	51.51	7.31	44.20	BES-1	12/10/98	30.00	-	10.18	-
MW-D1	8/24/93	12.50	50.56	6.01	44.55	MW-D2	12/10/98	12.55	50.56	5.68	44.88
MW-D2	8/24/93	12.55	50.56	6.47	44.09	MW-1	12/10/98	22.00	53.89	7.08	46.81
MW-1	8/24/93	22.00	53.89	7.70	46.19	MW-2	12/10/98	22.60	54.06	9.54	44.52
MW-2	8/24/93	22.60	54.06	9.24	44.82						
MW-B1	9/29/93	19.88	49.92	8.46	41.46						
MW-B2	9/29/93	23.35	50.77	8.80	41.97						
MW-B3	9/29/93	20.88	49.02	7.74	41.28						
MW-B4	9/29/93	21.50	49.74	7.97	41.77						
MW-LD4	9/29/93	10.60	51.51	7.43	44.08						
MW-D1	9/29/93	12.50	50.56	7.69	42.87						
MW-D2	9/29/93	12.55	50.56	7.96	42.60						
MW-1	9/29/93	22.00	53.89	7.84	46.05						
MW-2	9/29/93	22.60	54.06	9.39	44.67						

**ONE, California Linen, and Dunsm Quality I Oakland/Emeryville, California**  
All Concentrations in ug/L

Well No.	Date	TPH-d	TEPH (non-diesel)*	TPH-g	TPPH (non-gasoline)**	Kerosene	Mineral Spirits	Benzene	Ethylbenzene	Toluene	Total Xylenes	MTBE	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	1,1-Dichloroethylene (DCE)	Methylene Chloride
MW-B1	9/30/1991	ND < 50	-	18,000	-	29,000	-	5	250	6	900	-	ND	ND	ND	ND
	6/10/1993	-	27,000	-	57,000	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	43,000	ND	ND	ND	ND	-	ND	ND	ND	ND
MW-B2	6/10/1993	-	3,800	-	1,400	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	290,000	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND < 1,000	-	ND	2,400	ND < 1,000	150,000	ND	ND	ND	ND	ND < 250	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	630	-	-	-	-	-	-	-	-	-
MW-B3	6/10/1993	-	1,700	-	510	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	2,400	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND	-	ND	830	ND	120	ND	ND	ND	ND	ND < 5.0	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	ND < 50	-	-	-	-	-	-	-	-	-
MW-B4	6/10/1993	-	36,000	-	36,000	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	1,400	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	1,000	-	ND	2,700	ND	7,500	ND	ND	ND	ND	ND < 50	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	5,100	-	-	-	-	-	-	-	-	-
RES-1	4/21/1994	18,000	-	-	-	-	12,000	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND < 1,000	-	***	-	ND < 1,000	78,000	ND	ND	ND	ND	ND < 250	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	72,000	-	-	-	-	-	-	-	-	-
MW-LD4	9/30/1991	-	-	-	-	-	-	2.8	9.8	3.1	24	-	-	-	-	-
	6/10/1993	-	21,000	-	1,100	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	700	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	170	-	ND	83	ND	130	ND	ND	ND	ND	ND < 5.0	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	440,000	-	-	-	-	-	-	-	-	-
1/13/2000(g)	-	-	-	-	-	630,000	-	-	-	-	-	-	-	-	-	
MW-D1	8/26/1988	-	-	-	-	-	1,000	-	-	-	-	-	-	-	-	-
	1/10/1989	-	-	-	-	-	ND < 1,000	ND	ND	2.0	1.8	-	-	-	-	-
	4/24/1989	-	-	-	-	-	ND < 1,000	ND	ND	ND	1.1	-	-	-	-	-
	2/21/1990	-	-	-	-	-	ND < 100	ND	0.4	ND	1.3	-	-	-	-	-
	6/10/1992	ND	-	ND	-	ND	ND < 50	ND	ND	ND	ND	-	-	-	-	-
	6/10/1993	-	220	-	230	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/24/1993	ND	-	ND	-	-	ND < 50	ND	ND	ND	ND	-	-	-	-	-
	9/29/1993	-	-	-	-	-	110	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	ND < 50	-	-	-	-	-	-	-	-	-
MW-D2	8/26/1988	-	-	-	-	-	1,600	-	-	-	-	-	-	-	-	-
	1/10/1989	-	-	-	-	-	ND < 1,000	ND	ND	6.3	12	-	-	-	-	-
	4/24/1989	-	-	-	-	-	ND < 1,000	ND	ND	ND	7.7	-	-	-	-	-
	2/21/1990	-	-	-	-	-	300	ND	0.3	ND	1.5	-	-	-	-	-
	6/10/1992	ND	-	ND	-	-	76	ND	ND	ND	ND	-	-	-	-	-
	6/10/1993	-	9,100	-	6,200	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/24/1993	ND	-	ND	-	-	ND < 50	ND	ND	ND	ND	-	-	-	-	-
	9/29/1993	-	-	-	-	-	220	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND	-	ND	95	ND	180	ND	ND	ND	ND	ND < 5.0	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	100	-	-	-	-	-	-	-	-	-
HP-1	12/14/1999(g)	-	-	-	-	-	21,000	-	-	-	-	-	-	-	-	-
HP-1	1/13/2000(g)	-	-	-	-	-	ND < 50	-	-	-	-	-	-	-	-	-
HP-2	1/13/2000(g)	-	-	-	-	-	67	-	-	-	-	-	-	-	-	-
HP-3	12/13/1999(g)	-	-	-	-	-	ND < 50	-	-	-	-	-	-	-	-	-
HP-4	1/13/2000(g)	-	-	-	-	-	570	-	-	-	-	-	-	-	-	-

\* - Not Tested

ND - Non Detectable

\* TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the diesel range

\*\* TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the gasoline range

\*\*\* Insufficient quantity of sample for analysis

\*\*\*\* Discrepancy in elevation surveys

g Grab Sample

## **HEALTH AND SAFETY PLAN**

### **1 PERSONNEL RESPONSIBILITIES**

#### **1.1 SITE HEALTH AND SAFETY COORDINATOR (SHSC)**

Reports jointly to the Health and Safety Manger (HSM) and the Project Manager (PM) for all aspects of the project and is the primary contact for health and safety during all field activities. Establishes work zones, evacuation routes, and assembly areas. Makes the day-to-day decision to modify levels of protection provides in the HSP based on site conditions or monitoring data. Serves jointly with the FM as Emergency Coordinator (EC). Has the authority to stop all work if conditions are judged to be hazardous to onsite personnel or the public, and reports and investigates accidents and near-misses.

The SHSC or designee must carefully document the implementation of this HSP by maintaining the Project Health and Safety Files.

#### **1.2 PROJECT HEALTH AND SAFETY MANAGER (PHSM)**

Responsible for approval of the HSP and Coordinating the implementation of health and safety procedures. Responsible for approval of all changes made to this HSP, supervision of the SHSC, and the conduct of site audits.

#### **1.3 PROJECT MANGER (PM) AND FIELD MANAGER (FM)**

Has responsibility for implementing project health and safety for field activities, through correcting unsafe acts or conditions, enforcing procedures, and conducting daily tailgate meetings. Serves as primary EC in emergency situations. Also responsible for assuring the submittal of the Supervisor's Report of Accident and First Aid Incident Report (Appendix 1) to the HSM within 24 hours of an incident.

#### **1.4 TECHNICAL STAFF**

All Block environmental Services and subcontracting personnel are responsible for compliance with this HSP in its entirety. They are responsible for taking all reasonable precautions to prevent injury to themselves and to their fellow employees and for being alert to potentially harmful situations. Technical staff are expected to perform only those tasks which they believe can be done safely and immediately report any accidents near misses and/or unsafe conditions to the SHSC or the PM.

## 1.5 SUBCONTRACTORS

Responsible for the conduct of personnel while onsite and ensuring their compliance with this HSP. Notifying the SHSC of any special medical conditions (i.e. allergies, diabetes, etc.). Correcting any unsafe acts or conditions that are identified by the PM or the SHSC.

## 2 PERSONNEL PROTECTION

The prescribed methods and procedures used to protect personnel (site workers and adjacent community) from over exposure to hazardous materials and hazardous conditions posed by site operations are grouped into three primary categories: Administrative Controls, Engineering Controls, and Personal Protective Equipment (PPE).

### 2.1 ADMINISTRATIVE CONTROLS

#### 2.1.1 Medical Surveillance

##### *2.1.1.1 Periodic Comprehensive Exam:*

All personnel requiring access to controlled work areas will not have to complete a pre-assignment medical examination. However, a periodic (usually annual) examination prior to assignment, in accordance with OSHA 29 CFR 1910.120(f) will have been completed. The exam must be performed by an Occupational Health Physician, who will provide a written clearance for hazardous waste site work and for respirator usage for those workers required to use such protection.

##### *2.1.1.2 Emergency Medical Treatment*

Personnel who exhibit signs and symptoms of chemical or heat overexposure, or have been injured on the job, might also seek medical services. See also Emergency Response section for specific information regarding emergency services and required report submittals. Subcontractors should provide internal Worker's Compensation information to the SHSC or HSM during the pre-work meeting.

##### *2.1.1.3 Special:*

Field personnel should have current (within 10 years) Tetanus shots.

#### 2.1.2 Training

##### *2.1.2.1 Comprehensive:*

All routine onsite workers performing intrusive activities will have completed the OSHA 40-hour Hazardous Waste Operations Training, 24-hour onsite supervised training and appropriate annual updates. Supervisors will have completed an additional 8 hours of OSHA Supervisory

Training. QA/QC personnel that package and/or handle hazardous materials for shipment must have completed the DOT HM 126F training as required by USEPA 49CFR 172.

Occasional site workers that will not receive exposures exceeding permissible exposure limit require only 24 hours of OSHA Hazardous Waste Operations Training and one day of onsite supervised training.

### **2.1.2.2 Specialized:**

Prior to the initiation of site activities for each phase, the SHSC and PM will conduct a Health and Safety "kick-off" orientation. At this time, pertinent SOPs and site-specific Health and Safety Plan (HSP) will be discussed in detail with special attention being given to site chemical and physical hazards, PPE, emergency procedures, etc. Upon completion of this briefing, all routine field personnel, including subcontractors, will be required to read and sign the acceptance sheet of this HSP. Site visitors and non-routine subcontractors that do not attend the meeting will be required to undergo a specialized health and safety orientation.

### **2.1.2.3 Daily**

"Tailgate" safety meetings will be conducted each morning by the FM for all phases of the work. Topics of discussion will include: work tasks and designated PPE, emergency procedures, evacuation routes, instruction in use of safety equipment (as required), prior safety problems, recognition of signs and symptoms of overexposure, importance of proper decontamination and personal hygiene, etc. These meetings must be documented: forms will be provided.

## **2.2 ACCIDENT PREVENTION**

Accident prevention is an active part of a field project's work schedule. The following measures will be taken and considered standard practice.

- SHSC review of site conditions
- Use of buddy system
- Placement of readily available safety equipment and first-aid supplies
- Air monitoring as needed
- Sign posting as appropriate

In addition, a daily safety meeting will be conducted and documented at the beginning of each shift or whenever new employees arrive at the site once the project commences. Health and safety considerations for the day's activities will be discussed, and the required protective equipment necessary will be outlined.

Prevent physical hazards associated with earth moving equipment by pre-use certification and daily inspections, and slip trip fall hazards conditions. Unauthorized/untrained personnel are not allowed onsite, particularly in the Exclusion Zone.

### 2.2.1 Safe Work Practices

1. Unauthorized personnel are not allowed onsite, particularly in the Exclusion Zone.
2. Work groups will always consist of at least two (2) team members.
3. Wind-flags will be positioned onsite so that work can be performed upwind as much as possible.
4. A high standard of personnel hygiene will be observed. Smoking, eating, drinking, chewing gum or tobacco, taking medication, and applying cosmetics will not be permitted within any restricted or exclusion zone.
5. Wearing of contact lens is prohibited.
6. Use of open flames or spark-producing equipment is not allowed anywhere onsite without a hot-work permit.
7. Personnel under the obvious influence of alcohol or controlled substances are not allowed onsite; those taking medications must notify the SHSC.
8. Personnel will avoid skin contact with contaminated or potentially-contaminated media. If such contact occurs, the affected areas should be washed thoroughly with soap and water.
9. Personnel will discard and replace any damaged or heavily soiled protective clothing.
10. Personnel should notify the SHSC of any defective monitoring, emergency, or other protective/safety equipment.
11. Prior to using any machinery or mechanized equipment onsite, owners/operators shall inspect, test, and certify all equipment to be in safe operating condition. Any deficiencies affecting health and safety shall be corrected prior to equipment use.
12. All unsafe conditions shall be made safe immediately. All unsafe conditions not in the scope of the project shall be reported to the PM and the condition corrected.
13. All site personnel will familiarize themselves with these and the emergency procedures during daily tailgate, pre-work safety meetings.
14. If temperature exceeds 75°F, the following work rest regimes are to occur:

<u>15. Temperature</u>	<u>Work</u>	<u>Rest*</u>
75-80	90 min	15 min
80-85	60 min	15 min
85-90	45 min	15 min
90-95	30 min	15 min

\* Rest in a shaded area

**2.2.2 Logs, Reports, and Record Keeping**

**2.2.2.1 Submittal of Certification**

Proof of health and safety training and medical certifications must be submitted to the PM and the SHSC by the subcontractor prior to the mobilization of field crew. Supporting documentation and certifications will remain on file with the HSM or PM and the Purchasing Department (subcontractors only). Field projects will not be allowed to take place in the absence of adequate documentation.

**2.2.2.2 Site Monitoring, Reports, and Records**

The health and safety files maintained by the SSC, or his/her designee, will be the primary form of record keeping and documentation of site health and safety activities. These documents will be completed in sufficient detail to document the work performed; any unusual or significant circumstances under which the work was performed; any unanticipated/unplanned action taken to mitigate or to otherwise cope with unexpected field conditions; and pertinent comments about site-specific conditions that could have a bearing on the work performed. Documentation is required for all phases of work. See also SHCH duties listed under Personnel Responsibilities. Record keeping practices will follow 29CFR1910.20

The Field Binder will contain the following documents; all blank forms are provided.

- Signed acceptance sheet of this HSP (all routine onsite personnel)
- Safety inspection records including violations and remedial action plans
- Health and Safety notations made in the Site Log Book that is held by the FM
- Daily Visitor/Employee Rooster
- Signed Daily Tailgate Safety Meeting Reports
- Equipment Certification and Daily Inspection Records
- Air Surveillance Records
- Workplace Monitoring Exposure Records
- Supervisor's First Report of Injury and First Aid Incident Reports
- Incident Reports Report (for environmental incidents, equipment damage, and work stoppages)
- Completed Record of Changes to the HSP

## **2.2.3 Engineering Controls**

### **2.2.3.1 Barriers**

Traffic cones, and or caution tape will be erected at a safe distance from hazardous areas and moving equipment in order to prevent unauthorized access to work areas from vehicular and pedestrian traffic. Barriers will be appropriate for the level of work activities and anticipated traffic. Signs will be conspicuously posted as:

“CAUTION”- “Authorized Personnel Only” or equivalent

### **2.2.3.2 Dust Suppression**

Dust suppression techniques will be employed to minimize the generation of dust/particulates and associated contaminants into the atmosphere, to the greatest extent possible. Also, stationary sources of dust, e.g., stockpile should be covered with plastic (visqueen) or canvas tarping. Monitoring of the work areas and the fence lines shall be conducted on a regular basis with the portable dust monitor to ensure engineering controls are effectively reducing concentrations below action levels. If air monitoring indicates the action levels have been exceeded, then the onsite water truck will provide water spray or curtain to contain dust.

### **2.2.3.3 Rinsate Collection /Containment**

A system for collection of rinsate from decontamination operations (heavy equipment, sampling equipment and personal decon) may be required. The system will be as complex or simple as necessary to collect and contain spent decon fluids, equipment overspray from steam cleaning operations. Construction of the “permanent” heavy equipment decon area and all areas where steam cleaning of sampling equipment will be the responsibility of the equipment contractor. Construction of the temporary stations for personnel and other sampling equipment will be the responsibility of the SHSC and FM. Decon buckets should be placed in larger, plastic bins to contain splash. All spent fluids will be placed in 55 gallon drums (DOT approved) and stored onsite in the drum storage area until transportation offsite by the City of Modesto.

### **2.2.3.4 Noise Reduction**

It is anticipated that situations may arise when noise levels exceed 85 decibels (dBA) in an eight hour time weighted average (TWA). An example of this possibility is working close (within 20-25 feet of operating equipment (back hoe) or when speech becomes difficult to understand at 5 feet) to the subcontractor during direct push or drilling activities onsite. If excessive noise levels occur, efforts will be made to control this by issuance of ear plugs to all personnel and by implementation of a system of hand signals understood by all.

### **2.2.3.5 Storm Water Pollution Controls**

Should rainfall occur during construction, storm water pollution controls will be implemented to minimize storm water runoff from exposed COC-containing soil at the Site and to prevent sediment from leaving the Site.

Storm water pollution controls will be based on best management practices (“BMPs”), such as those described in the *California Storm Water Best Management Practice Handbooks Construction Activity* (Storm Water Quality Task Force, March 1993). On-Site sediment and



erosion protection controls will be the primary methods for minimizing discharges of sediments from the Site. Sediment and erosion protection controls may include, but are not limited to, the following:

- constructing berms or erecting silt fences at entrances to the Site,
- placing straw bale barriers around catch basins and other entrances to the storm drain, and
- during significant rainfall events, covering with plastic sheeting or tarps any soil stockpiles generated as a result of excavating soil potentially impacted by COCs.

#### **2.2.4 Personal Protective Equipment (PPE)**

Initial levels of protection for this site have been specified as Levels D, Modified D and potentially C. All personnel entering controlled work zones will initially be required to wear the Level of Protection as specified in Table 1. Protection may be upgraded or downgraded depending on monitoring data (compared with action levels) and site conditions, as determined by the SHSC. All changes must be noted in the HSP and documented on Record of Changes. The following outlines the minimum requirements for each level of protection assigned or potentially assigned.

##### Level D Personal Protection Equipment

- Work shirt and full length cotton pants or overalls
- ANSI standard steel toed work boots
- ANSI standard hard hat
- ANSI safety glasses
- USEPA hearing protectors (when working in high noise areas)
- Dust masks if needed

##### Modified Level D Personal Protection Equipment

- Level D equipment
- Tyvek™ suits (upgrade to PE or Saranex-coated Tyvek as needed)
- Outer Chemical-resistant gloves and inner nitrile gloves
- Boot covers

##### Level C Personal Protective Equipment

- Level Modified D equipment  
NIOSH approved half-face or full face air purifying respirator

**Table 1  
INITIAL ASSIGNMENTS OF PROTECTION LEVELS, TRAINING AND  
MEDICAL SURVEILLANCE FOR SITE WORK TASKS**

<b>Task Name</b>	<b>Level of Protection</b>	<b>HAZWOPPER 40-hr</b>	<b>Med. Surv.</b>
1.5 feet of excavation	Mod. D	X	yes
Demolition	Level D	X	yes
Excavation	Mod D	X	yes

**Donning / Doffing Procedure**

The following procedures are given as a guide; failure to adhere to these procedures may result in the PPE being ineffective against contaminants. These may be altered by the SHSC if improvements can be made to the procedure and these changes are warranted in the field. Also, some articles of PPE may not be necessary for all site tasks.

**PPE Donning Procedure: for Mod. Level D and greater**

- Inspect all protective gear before donning
- Don Tyvek suit, inner gloves, secure with tape (leave pull tab). If Tyvek is loose, secure with tape to avoid capture in moving or rotating equipment.
- Don respirator. If not in level C, maintain respirator in a sealed plastic bag onsite in case of an upgrade.

**PPE Doffing Procedure:**

- Wash/rinse (if necessary) excess mud or other debris from outer boots, gloves, and clothing.
- Remove tape using pull tab and remove outer clothing in the following order: boots, outer gloves, and Tyvek suits. Place disposable and reusable PPE in designated (separate) containers for donning during reentry.
- Remove respirator (if applicable)
- Remove inner gloves
- Enter clean zone

**2.3 MONITORING WELL ABANDONMENT**

Prior to or during construction, existing monitoring wells will be properly destroyed in accordance with the Alameda County Public Works Agency (ACPWA) procedures in order to prevent accidental contamination of groundwater. Appropriate permits will be obtained from the ACPWA. ACPWA refers to the California Department of Water Resources procedures for well

abandonment (CDWR, 1981; 1991).

## 2.4 HAZARD EVALUATION

Chemical and physical and operating safety hazards anticipated during this project will be evaluated in subsequent tables and sections. The tables provide the details that support the task specific hazard analyses. A general overview of the contaminants of concern is presented below in Section 3.1. Table 2 provides site characterization data. Table 3 summarizes the chemical properties important for exposure assessment and for the identification of immediately dangerous to life and health (IDLH) conditions. Table 4. Summarizes the physical and operating safety hazards and control measures identified for this project. A complete hazard analysis of each site work task, including relative risk ranking, and the list of protective measures completes this section of Hazard Evaluation. Further details of specific control measures for these hazards were presented in Personnel Protection, Section 4.3.

### 2.4.1 Chemical Exposure

The primary entry routes of potential contaminant and hazardous materials onsite include inhalation of vapors and dust; skin contact with contaminated materials; and ingestion of airborne contaminated dust, or materials from hand-to-mouth contact due to inadequate personal hygiene. To minimize these exposure pathways, dust suppression techniques will be employed by the onsite subcontractor and if needed the HSC will periodically monitor for airborne contaminants in the work and perimeter areas. In addition, all required PPE will be worn and personal hygiene will be carefully monitored.

The following categories of compounds may be present at the site and have been detected during previous investigations. These include the surface sample taken from the exposed patch of soil. Maximum concentrations (mg/kg) of chemicals detected in the soil up to a seven foot depth at the site are shown in parenthesis. The majority of maximum concentrations were found in the sample taken from the exposed patch of soil in the former varnish production area (BES, 2000).

- TPH as mineral spirits (15000)
  - Antimony (6.5)
  - Arsenic (7.4)
  - Barium (510)
  - Cadmium (24)
  - Total Chromium (93)
  - Cobalt (88)
  - Copper (100)
  - Lead (1900)
  - Molybdenum (3.1)
  - Nickel (49)
  - Vanadium (31)
  - Zinc (4100)
-

- Mercury (2700)
- Acetone (0.055)
- Benzene (2.3)
- Napthalene (3.1, 32)\*
- Xylenes (4.6)

\* First quantity is from Method 8260 for VOCs, second is from Method 8270 for SVOCs

Table 2 summarizes the information collected during the site characterization, including their origin, hazardous properties, and likely current physical state of contaminants in the environment. Table 3 summarizes the chemical properties important for exposure assessment and for identification of IDHL conditions.

In addition to the chemicals of concern, Diesel and Calibration gases are anticipated to be brought on site to supplement excavation activities.

## TABLE 2 SITE CHARACTERIZATION

### ANTICIPATED PHYSICAL STATE OF CONTAMINANTS:

Solid

### MATRIX

Soils at depth

### POTENTIAL HAZARDOUS PROPERTIES

Toxic

Flammable

Volatile

Carcinogenic

### CONTAINER STORAGE SYSTEM INFORMATION

Not Applicable

### CONDITION OF CONTAINER STORAGE SYSTEM

Not Applicable

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### ORIGIN OF INDUSTRIAL APPLICATION OF CHEMICALS OF CONCERN

Previous use

Note: Facility was former paint manufacturer Former storage tanks at site contained TPH as mineral spirits.

**Table 3**  
**CHEMICAL HAZARD PROPERTIES AND EXPOSURE INFORMATION**

Chemical name/Synonym	ACGIH TLV/ OSHA PEL (ppm)	STEL/ IDHL	IP (ev)	UEL/ LEL	Route	Symptoms	Properties
TPH as mineral spirits	NA	NA	NA	NA	Ing Inh Con	Skin and eye irritation, gastro distress	oil-like substance kerosene odor

## 2.5 SITE CONTROL

The following section describes the protocol that must be followed to ensure safe conditions for workers, personnel, and local residents.

### 2.5.1 Visitor Access

All site visitors (except OSHA inspectors) must receive prior approval from the FM,, PM or the Client, and may do so only for the purposes of observing site conditions or operations. Visitors will not be allowed into controlled work zones.

### 2.5.2 Work Zones

#### 2.5.2.1 Support/Clean Zone (SZ/CZ)

The SZ/CZ will be upwind and away from the contaminated area. Vehicles, emergency equipment, the telephone and break area, and any non-essential personnel will be maintained in this area.

#### 2.5.2.2 Contamination Reduction Zone (CRZ)

Two separate decontamination lines shall be established for personnel and sampling equipment in the CRZ. The CRZ should be marked as narrow corridors through which personnel and equipment pass from the EZ to the SZ/CZ.



It is anticipated that all site work will be conducted during daylight hours. If circumstances arise in which field work is to be conducted before or after daylight, or sunlight is obstructed, illumination within all general site areas will be at or above 5 foot-candles.

**2.7 AMBIENT AIR SURVEILLANCE**

The following protocol will be enforced during the project to maintain safety related to risk of inhalation to workers or offsite migration of dust or respiratory particles.

**2.7.1 Type and Frequency of Monitoring**

Type Minimum Recommended Frequency

Background: Once per day in the work area and perimeter using direct-reading instruments, prior to any intrusive activities or equipment startup

Perimeter: Once per hour using direct-reading instruments during intrusive activities

Personnel: At least twice per day in the breathing zone of those with the highest anticipated exposure during intrusive activities.

**2.7.2 Monitoring Instruments**

The SHSC will maintain equipment instructions onsite that specify calibration, general use, and trouble shooting procedures. All direct reading instruments will be field calibrated prior to the start of fieldwork daily according to manufacturers instructions, and will be recorded in the calibration log.

<u>Equipment</u>	<u>Contaminant</u>	<u>Work Activity</u>
MiniRam Dust Monitor	Nuisance and potentially contaminated dust	Excavation

**2.7.3 Action Levels**

Action levels should be established for upgrading/down grading PPE, work stoppages, and evacuation. Actin levels for upgrade/downgrade of respirator are sustained readings above background in the breathing zone of site personnel. Record readings on Air Surveillance forms. Document equipment calibration.

## 2.8 DECONTAMINATION PROCEDURES

If needed, procedures for decontamination of sampling tools and other related equipment will be specified in work plan. Separate areas should be established for personnel, sampling and heavy equipment decontamination.

### 2.8.1 Personnel Decontamination

#### 2.8.1.1 Equipment

Long-handled soft bristled brushes, galvanized wash tubs or equivalent, pump activated sprayer, garbage cans with plastic liners and drums with liners, visqueen, paper towels and duct tape.

Decon Solution: Alconox (biodegradable lab-grade detergent); bottled water for rinsing

Procedures: Two stages of decon have been designated:

1. Intermediate: For periodic exits out of the exclusion zone during sample transport and management, or for short breaks.

*Steps:* Outer boot and glove wash with Alconox solution, outer boot and glove rinse, removal of outer glove and storage for later use, entering transition zone for sample management, return to exclusion zone wearing new or cleaned outer gloves.

2. Final: For use prior to cool down breaks, lunch and exiting the site.

*Steps:* Segregated equipment drop (for instruments and equipment requiring special decon as outlined in the Work Plan, outer boot and glove wash with Alconox solution, outer boot and glove rinse, removal or disposal of outer boots, removal and disposal (if not cleaned to "line new" condition) of outer gloves, removal and disposal of coverall, removal and disposal of inner gloves in designated receptacles, and general field wash for personal hygiene.

### 2.8.2 Equipment Decontamination

All equipment that will potentially contact samples will be decontaminated prior to, and following, sample events. Heavy equipment in direct contact with soil such as a backhoe buckets, shall be streamed cleaned on site and be inspected by the FM prior to leaving the site. The permanent decon area (for steam cleaning) will be designated by the FM once on site, and will be constructed by the equipment subcontractor (see Engineering Controls, Section 2.2). Temporary decon stations (bucket wash) will be located near work areas, and will be positioned up- or cross-wind of operations.

### 2.8.3 Disposal Procedures

All discarded materials that accumulate from onsite activities (PPE, decon fluids, supplies, etc.) will be segregated by matrix and by source location and properly disposed. Hazardous materials



will be placed in labeled DOT approved, 55 gallon drums; and be stored in a secure, designated, and fenced location. Analytical results will be evaluated prior to disposal, if possible. All IDW will be handled, labeled, stored and inventoried.

## **2.9 EMERGENCY ACTIONS**

### **2.9.1 Preplanning and General Procedures**

#### ***2.9.1.1 General Emergency Information***

Site personnel should be constantly alert to recognize potentially unsafe work practices, hazardous work environments, and IDLH conditions. Personnel should be routinely reminded of signs and symptom of chemical and heat over exposure. Emergency response procedures (this section) should be reviewed daily. Pre-arrange access for emergency crews when necessary.

In the event of a large-scale spill, fire/explosion, or major emergency, the FM is expected to notify the PM; the PM notifies the client, evacuates the area; and lets appropriately trained emergency staff respond to the situation. The safety and well being of site personnel, visitors and the adjacent community will be of utmost importance in determining the appropriate response to a given emergency.

#### ***2.9.1.2 Emergency Coordinator (EC)***

The FM or SHSC will serve as the EC during an actual emergency response situation. The FM or SHSC will serve as the primary EC at all times; first aid and rescue duties are shared between the first-aid/CPR trained team members. All foreseeable first-aid and rescue equipment should be stored on site in an accessible area. The EC will contact off-site emergency response agencies and serve as the main spokesperson when responders arrive onsite.

#### ***2.9.1.3 Site Maps***

An updated site map (see Site Control, Section 4.0) that is used during daily tailgate meetings will be used to inform the staff of hazardous areas, zones, boundaries, site terrain, evacuation routes, work crew locations, and any site changes. In the unlikely event that an emergency occurs, the problem areas will be pinpointed on the site map, and pertinent information, such as weather and wind direction, temperature, and forecast, will be added as obtained. This map will be provided to responding agencies.

### **2.9.2 Emergency Decontamination**

For first-aid of non-life-threatening injuries, evacuate to decontamination line and decontaminant as much as possible or practical; contaminated clothing should be removed. For life-threatening injuries/exposures, field decontaminate as much as possible for his/her own safety, wrap in a

blanket or polyethylene sheeting, and immediately transport to the designated medical facility. Also, phone ahead and bring this HSP for informational purposes and MSDS access by medical staff (See Emergency Response, Section 8).

### **2.9.2.1 Safe Refuge Area**

The location of the Safe refuge Area will be discussed in the tailgate meetings by the EC daily once onsite. It will set be set up in the Support Zone or at an offsite location in the event of a sitewide evacuation. This area will be upwind and the location and escape routes will be designated on the site control maps. It will contain emergency equipment, escape route maps, communications and the Emergency Reference (call) List. This is required for all phases of work.

### **2.9.2.2 Site Security and Control**

In an emergency, the EC will take a "head count" against the Employee/Visitor Daily Roster, initiate search/account for missing persons, notify the emergency crews (as applicable), and limit access into the hazardous emergency area to necessary rescue and response personnel in order to prevent additional injury and possible exposures.

### **2.9.2.3 Emergency Equipment**

All items must be checked and maintained by the SHSC at least weekly and after each use.

First-aid Kit                       Fire Extinguisher                       Water                       Other \_\_\_\_\_  
 Spill Equipment                       Mobile Phone                       Fire Blanket

### **2.9.2.4 Evacuation Procedures**

Expeditious evacuation routes to the safe refuge area(s) will be established daily for all work area locations, with respect to the wind direction. Evacuation notification will be a continuous blast on a canned siren, vehicle horn, or direct verbal communication. Emergency drill should be performed periodically; up date plan.

In the unlikely event that an evacuation is necessary, all personnel will immediately proceed to the pre-determined safe refuge area, decontaminating to the extent possible for personal safety, based on the emergency. The EC should then begin the Site Security and Control Measures.

## 2.9.3 Site Specific Response Scenarios

### 2.9.3.1 Natural Disasters

#### WEATHER RELATED EMERGENCIES

All work will cease should any of the following weather conditions arise:

- Poor visibility
- Precipitation sever enough to impair safe moment/travel
- Lightning in the immediate area
- Winds in excess of 40 miles an hour
- Flooding
- Other conditions as determined by the FM

#### EARTHQUAKE

Remain clear of buildings, overhead power lines, and evacuations. Stop all work tasks and use of equipment. Carefully check all work areas and equipment before restarting site work.

#### FIRE OR EXPLOSION

Summon the EC who will decide whether to respond to "manageable" incidents with portable fire extinguishers after calling the City of Oakland Fire Department ( 911) for outside assistance. Personnel should not attempt to extinguish a fire that is greater than half the size of the observer. Calls to the fire department should not be delayed pending results of successful extinguishing of fire. The EC will evacuate all non-response personnel and visitors to the Safe Refuge Area; will notify the PM, as applicable, and the client; and will complete the appropriate reports.

## 2.9.4 Medical Emergency Response

### 2.9.4.1 Injury Accident to Project Personnel or Visitors

Summon the EC who will assess the situation, taking first necessary precautions for personal safety (e.g., PPE) if needed. The EC will determine whether to transport the injured party to the hospital (Summit Medical Center ) in Oakland or summon the ambulance at 911. Provide first aid to the extent possible while awaiting medical attention. The SHSC will complete a Medical Treatment Authorization form to be submitted to Summit Hospital for treatment of the injured worker. The FM will conduct an investigation and complete the Supervisor's Report of Injury or Illness and the First Aid Incident Report forms and make appropriate company and client notifications.

### **2.9.4.2 Bloodborne Pathogen**

#### **1. Exposure Determination**

Any Field personnel trained in first-aid response has the potential to be exposed to bloodborne pathogens. Tasks where exposures could occur include responses to bleeding injury and CPR.

#### **2. Exposure Control**

- A. **Personal protective equipment:** While rendering first aid where exposure to blood may occur, don protective gloves (N-Dex Nitrile undergloves or Nitrile overgloves) and use a rescue Breather Device (with one-way valve) if administering CPR. The gloves and Rescue Breather Device should be readily available in all first aid kits.
- B. **Hepatitis B Vaccination:** First-aid providers whose primary job assignment is not first-aid administration do not need to receive a pre-exposure hepatitis B vaccines. All first-aid providers assisting in any situation involving an exposure incident must be offered the full Hepatitis B immunization series no later than 24 hours after the incident.
- C. **Exposure Incident Evaluation:** All first-aid incidents involving exposures must be reported to Geological Technics Administration before the end of the work shift in which the incident occurs. A First-aid Incident Report must be completed describing the circumstances of the accident and response. Following a report of an exposure incident. Geological Technics shall make immediately available to the exposed employee a confidential medical evaluation and follow-up.

### **2.9.5 Spill of Hazardous Materials**

After taking precautions for personal safety, contain the spill if possible with on site equipment, to the extent that the responder's training and capability allows. The EC will evacuate all non-response personnel and visitors to the refuge area. Contained material must be properly drummed and handled as hazardous waste. The FM will notify the client to contact appropriate agencies within 24 hours after the occurrence, provided the spill is greater than the reportable quantity.

### **2.9.6 Accident Reporting and Record keeping**

The SHSC will contact the HSM; conduct an investigation jointly with the FM; and complete the Supervisor's Report of Injury or Illness and First Aid Incident Report. These completed reports must be transmitted to the HSM within 24 hours of an occurrence, a fax is acceptable. The HSM

will submit the appropriate reports to the applicable Workers Compensation Office and the Contracting Officer (per contractual requirements); and CAOSHA (as applicable).

The foreman or field supervisor of subcontracting crews will investigate and complete an accident report in accordance with their internal company policy.

### 2.9.7 Emergency Reference List

(Keep posted in vehicles and near communication system-mobile phone)

#### MEDICAL EMERGENCIES

HOSPITAL NAME	HOSPITAL ADDRESS
Summit Medical Center	350 Hawthorne Ave Oakland, CA 94609
HOSPITAL TELEPHONE	DIRECTIONS
(510) 869-6600	Depart 41 <sup>st</sup> Street Heading South Left (East) onto W MacArthur Blvd Right (South) onto Telegraph Rd. Left (East) 34 <sup>th</sup> Street Emergency Entrance Total 1.6 Miles

#### EMERGENCY SERVICES

SERVICE	NAME	TELEPHONE NUMBER
Ambulance		911
Fire Department	City of Oakland	911
Poison Control Center		(800) 876-4766

#### EMERGENCY CALL LIST

TITLE	NAME	TELEPHONE NUMBER
Health and Safety Manager	Ronald M. Block, Ph.D.	(925) 682-7200
Project Manager	Ronald M. Block, Ph.D.	(925) 682-7200
Field Manager		
Client Contact		
Excavator and Transporter		
CALOSHA		(800) 963-9424

**APPENDIX F**  
**DATABASE SEARCH REPORT**



## **The EDR Radius Map with GeoCheck<sup>®</sup>**

**1007 41st Street  
1007 41st Street  
Oakland, CA 94608**

**Inquiry Number: 0838073.4r**

**August 27, 2002**

## ***The Source For Environmental Risk Management Data***

**3530 Post Road  
Southport, Connecticut 06890**

### **Nationwide Customer Service**

**Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)**

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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

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

1007 41ST STREET  
OAKLAND, CA 94608

#### COORDINATES

Latitude (North): 37.832000 - 37° 49' 55.2"  
Longitude (West): 122.277300 - 122° 16' 38.3"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 563597.6  
UTM Y (Meters): 4187216.0

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2437122-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>
1007 41ST ST 1007 41ST ST OAKLAND, CA	LUST	N/A
FRANK W DUNNE COMPANY 1007 41ST STREET OAKLAND, CA 94608	RCRIS-SQG FINDS	CAD009118597
DUNNE QUALITY PAINTS 1007 41ST ST OAKLAND, CA 94608	Cortese LUST	N/A
DUNN QUALITY PAINTS 1007 41ST ST OAKLAND, CA 94607	CA SLIC LUST	N/A

## EXECUTIVE SUMMARY

### 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  
RCRIS-TSD..... Resource Conservation and Recovery Information System  
ERNS..... Emergency Response Notification System

### STATE ASTM STANDARD

AWP..... Annual Workplan Sites  
Toxic Pits..... Toxic Pits Cleanup Act Sites  
SWF/LF..... Solid Waste Information System

### FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
Delisted NPL..... National Priority List Deletions  
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  
RAATS..... RCRA Administrative Action Tracking System  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
SSTS..... Section 7 Tracking Systems  
FTTS..... 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..... List of Deed Restrictions

### EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

## EXECUTIVE SUMMARY

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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 05/02/2002 has revealed that there is 1 CORRACTS 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><i>PFIZER INC</i></b>	<b><i>4650 SHELLMOUND ST</i></b>	<b><i>1/2 - 1 W</i></b>	<b><i>AU206</i></b>	<b><i>195</i></b>

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 06/10/2002 has revealed that there is 1 RCRIS-LQG 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>
<b><i>FLECTO COMPANY INC</i></b>	<b><i>1000 45TH STREET</i></b>	<b><i>1/8 - 1/4 NNE</i></b>	<b><i>M48</i></b>	<b><i>51</i></b>

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/10/2002 has revealed that there are 7 RCRIS-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>
<b><i>BOYSEN PAINTS</i></b>	<b><i>42ND &amp; LINDEN ST</i></b>	<b><i>0 - 1/8 ENE</i></b>	<b><i>B10</i></b>	<b><i>13</i></b>
<b><i>FIDELITY ROOF CO</i></b>	<b><i>1075 40TH ST</i></b>	<b><i>0 - 1/8 SW</i></b>	<b><i>C14</i></b>	<b><i>16</i></b>
<b><i>K P CORPORATION OAKLAND</i></b>	<b><i>1000 43RD ST</i></b>	<b><i>1/8 - 1/4 NE</i></b>	<b><i>F27</i></b>	<b><i>30</i></b>
<b><i>BERKELEY FARMS</i></b>	<b><i>47TH &amp; SAN PABLO</i></b>	<b><i>1/8 - 1/4 WSW</i></b>	<b><i>H34</i></b>	<b><i>37</i></b>
<b><i>PRECISION MOTORS</i></b>	<b><i>1054 39TH ST</i></b>	<b><i>1/8 - 1/4 SSW</i></b>	<b><i>K42</i></b>	<b><i>44</i></b>
<b><i>H BECK SVC &amp; REPAIR</i></b>	<b><i>1040 APGAR ST</i></b>	<b><i>1/8 - 1/4 S</i></b>	<b><i>47</i></b>	<b><i>50</i></b>
<b><i>AMERICAN RUBBER MFG CO</i></b>	<b><i>1145 PARK AVE</i></b>	<b><i>1/8 - 1/4 W</i></b>	<b><i>N51</i></b>	<b><i>57</i></b>

## EXECUTIVE SUMMARY

### STATE ASTM STANDARD

**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 are 18 Cal-Sites sites 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>PACIFIC GAS &amp; ELECTRIC CO- EME</b>	<b>4525 HOLLIS STREET</b>	<b>1/2 - 1 WNW</b>	<b>AH127</b>	<b>129</b>
<b>CHROMEX</b>	<b>1400 PARK AVENUE</b>	<b>1/2 - 1 W</b>	<b>A1131</b>	<b>131</b>
<b>ELECTRO-COATINGS INC</b>	<b>1401 PARK AVENUE</b>	<b>1/2 - 1 W</b>	<b>A1135</b>	<b>134</b>
SOUTHERN PACIFIC RIGHT-OF-WAY	WEST OF 4525 HOLLIS STR	1/2 - 1 WNW	145	144
<b>ZERO WASTE SYSTEMS INC</b>	<b>1450 32ND STREET</b>	<b>1/2 - 1 SW</b>	<b>162</b>	<b>158</b>
CAL TECH METALS	841 EAST 31ST STREET	1/2 - 1 SSE	181	175
CHEVRON ASPHALT PLANT & TERMIN	1520 POWELL STREET	1/2 - 1 NW	200	190
ELEMENTIS PIGMENTS	4650 SHELLMOUND STREET	1/2 - 1 W	AU205	194
<b>MYERS DRUM - EMERYVILLE</b>	<b>4500 SHELLMOUND STREET</b>	<b>1/2 - 1 W</b>	<b>AV208</b>	<b>200</b>
THOMAS A. SHORT COMPANY	3430 WOOD STREET	1/2 - 1 WSW	AW212	203
ALAMEDA CHEMICAL AND SCIENTIFI	2668 HANNAH STREET	1/2 - 1 SW	215	206
SUTTA RECYCLING	3401 WOOD STREET	1/2 - 1 SW	AX220	210
<b>SHELLMOUND VENTURE PROJECT</b>	<b>SHELLMOUND STREET</b>	<b>1/2 - 1 WNW</b>	<b>224</b>	<b>215</b>
MANDELA PARKWAY EXTENSION PROJ	MANDELA PARKWAY / 32ND	1/2 - 1 SW	225	215
<b>AT &amp; SF RAILROAD PROPERTY</b>	<b>ALONG WOOD / 32ND STR</b>	<b>1/2 - 1 SW</b>	<b>AZ230</b>	<b>221</b>
OAKLAND LAUNDRY COMPANY	730 29TH STREET	1/2 - 1 SSE	BA232	222
GENERAL TRANSPORTATION	3211 WOOD STREET	1/2 - 1 SW	AZ238	226
WESTINGHOUSE ELECTRIC CO - EME	5899 PELADEAU STREET	1/2 - 1 NW	BC244	236

**CHMIRS:** The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 25 CHMIRS 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>
Not reported	1070 40TH ST	0 - 1/8 SW	C13	14
Not reported	A/O 44TH / MARKET STR	1/8 - 1/4 NE	46	49
Not reported	R/O 1084 53RD STREET	1/4 - 1/2 NW	AD113	114
Not reported	A/O 1090 53RD STREET	1/4 - 1/2 NW	AD114	115
Not reported	731 WEST MACARTHUR BLVD	1/2 - 1 SE	AG123	124
Not reported	VACANT LOT ACROSS FROM	1/2 - 1 SE	124	125
Not reported	F/O 5425 SAN PABLO	1/2 - 1 NW	132	133
Not reported	53 ST. / M.L. KING JR	1/2 - 1 NE	137	137
Not reported	987 GRACE AVENUE	1/2 - 1 N	167	164
Not reported	F/O 967 GRACE STREET	1/2 - 1 N	176	172
Not reported	900 STANFORD AVENUE	1/2 - 1 N	209	200
Not reported	484 49 STREET	1/2 - 1 ENE	210	201
Not reported	F/O 521 55TH STREET	1/2 - 1 NE	234	223
Not reported	5800 DOVER STREET	1/2 - 1 NNE	242	234
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4000 SAN PABLO AVENUE	1/4 - 1/2 S	Y96	96
Not reported	E/B I-580	1/4 - 1/2 SSE	115	116

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	3265 LOUISE STREET	1/2 - 1 SW	148	148
Not reported	1420 32 ST.	1/2 - 1 SW	AK159	155
Not reported	4561 HORTON ST. (TEMESC	1/2 - 1 WNW	173	169
Not reported	30TH STREET / SAN PABLO	1/2 - 1 S	186	179
Not reported	2928 POPLER	1/2 - 1 SW	195	186
Not reported	2811 ADELINE STREET	1/2 - 1 SSW	201	190
Not reported	3265 SAN PABLO AVENUE	1/2 - 1 S	203	193
Not reported	3430 WOOD ST. - ADJACEN	1/2 - 1 WSW	228	219
Not reported	2600 UNION	1/2 - 1 SSW	247	239

**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 119 Cortese 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>
BOYSEN PAINT	1001 41ST ST	0 - 1/8 E	B7	12
CALIFORNIA LINEN	989 41ST ST	0 - 1/8 E	B11	14
FIDELITY ROOF CO	1075 40TH ST	0 - 1/8 SW	C14	16
OAKLAND NATIONAL ENGRAVER	1001 42ND	0 - 1/8 NE	D20	23
BERKELEY FARMS	47TH & SAN PABLO	1/8 - 1/4 WSW	H34	37
BERKELEY FARMS TRUCK SHOP	4575 SAN PABLO	1/8 - 1/4 WSW	I36	40
VACANT LOT	4800 SAN PABLO AVE	1/8 - 1/4 WNW	J39	42
ARCO STATION	4401 MARKET ST	1/8 - 1/4 E	L45	49
FLECTO COMPANY INC	1000 45TH STREET	1/8 - 1/4 NNE	M48	51
AC TRANSIT	1140 45TH ST	1/4 - 1/2 WNW	73	77
TOSCANA BAKERY	3924 MARKET ST	1/4 - 1/2 SSE	T79	81
RED TOP ELECTRIC CO. EMERYVILL	4377 ADELINE ST	1/4 - 1/2 NNE	V88	90
NEIGHBORHOOD LAUNDROMAT	3838 WEST ST	1/4 - 1/2 SE	W89	91
RD MINER COMPANY	750 37TH ST	1/2 - 1 SE	121	121
ARCO	731 MACARTHUR BLVD W	1/2 - 1 SE	AG122	122
PARINA ENTERPRISES	5433 SAN PABLO AVE	1/2 - 1 NNW	126	128
NIGHTINGALE PROPERTY	4629 MARTIN L KING WAY	1/2 - 1 ENE	139	138
CHILDRENS HOSPITAL OAKLAN	4701 MARTIN LUTHER KING	1/2 - 1 ENE	140	140
BART PROPERTY	3924 MARTIN L KING WAY	1/2 - 1 ESE	147	146
BP	5425 MARTIN LUTHER KING	1/2 - 1 NE	152	151
SUPER-7 #25670	5714 SAN PABLO AVE	1/2 - 1 NNW	158	155
SIMAS BROTHERS	4013 TELEGRAPH AVE	1/2 - 1 ESE	AL168	165
SHELL	500 40TH ST	1/2 - 1 ESE	AL170	166
KELLEY AUTO PARTS	4400 TELEGRAPH AVE	1/2 - 1 E	172	168
RONN SIMPSON	489 43RD ST	1/2 - 1 E	AM174	170
WALTER BLUMERT COMPANY	490 43RD ST	1/2 - 1 E	AM175	172
ALTERNATIVE INVESTMENTS	5829 ADELINE ST	1/2 - 1 NNE	187	180
CALIFORNIA HIGHWAY PATROL	3601 TELEGRAPH	1/2 - 1 SE	AQ188	180
GATEWAY LIQUORS	5944 SAN PABLO	1/2 - 1 NNW	191	181
WILLIAM H STREHLE CO	494 36TH ST	1/2 - 1 SE	AQ193	184
ARCO FAC #6148	5131 SHATTUCK AVE	1/2 - 1 ENE	199	189
MARTIN LUTHER KING SCHOOL	5714 MARTIN L KING WAY	1/2 - 1 NNE	216	207
BREKENRIDGE AUTO SHOP	6045 SAN PABLO AVE	1/2 - 1 NNW	218	208
CHEVRON 93864	5101 TELEGRAPH AVE	1/2 - 1 ENE	AY222	212

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BERKELEY LAND COMPANY</b>	<b>5100 TELEGRAPH AVE</b>	<b>1/2 - 1 ENE</b>	<b>AY223</b>	<b>213</b>
<b>AUTOPRO NO 2 INC</b>	<b>5200 TELEGRAPH AVE</b>	<b>1/2 - 1 ENE</b>	<b>226</b>	<b>216</b>
<b>STAUDER CHEVRON #90338</b>	<b>5500 TELEGRAPH</b>	<b>1/2 - 1 ENE</b>	<b>227</b>	<b>217</b>
<b>UNOCAL</b>	<b>411 W MACARTHUR BLVD</b>	<b>1/2 - 1 ESE</b>	<b>243</b>	<b>235</b>
<b>TELEGRAPH BUSINESS PROPER</b>	<b>5427 TELEGRAPH</b>	<b>1/2 - 1 ENE</b>	<b>250</b>	<b>240</b>
<b>ARCO K &amp; V GAS</b>	<b>6211 SAN PABLO AVE</b>	<b>1/2 - 1 NNW</b>	<b>251</b>	<b>240</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>STANDARD BRANDS PAINT CO</b>	<b>4343 SAN PABLO AVE</b>	<b>1/8 - 1/4 SSW</b>	<b>O57</b>	<b>64</b>
<b>EMERYVILLE FIRE DEPT</b>	<b>4331 SAN PABLO AVE</b>	<b>1/8 - 1/4 SSW</b>	<b>O61</b>	<b>69</b>
<b>PARK AVENUE PROPERTY</b>	<b>1199 PARK AVE</b>	<b>1/4 - 1/2 W</b>	<b>R70</b>	<b>75</b>
<b>ELLEN MEDIA COMPANY</b>	<b>3623 ADELINE ST</b>	<b>1/4 - 1/2 SSW</b>	<b>S74</b>	<b>77</b>
<b>GEROW PROPERTIES</b>	<b>1255 PARK AVE</b>	<b>1/4 - 1/2 W</b>	<b>U84</b>	<b>86</b>
<b>CITY OF PARIS CLEANING AND DRY</b>	<b>3516 ADELINE ST</b>	<b>1/4 - 1/2 SSW</b>	<b>X92</b>	<b>94</b>
<b>SAN FRANCISCO FRENCH BREA</b>	<b>4070 SAN PABLO</b>	<b>1/4 - 1/2 S</b>	<b>Y94</b>	<b>94</b>
<b>CELIS TEXACO SERVICE STATION</b>	<b>4000 SAN PABLO AVE</b>	<b>1/4 - 1/2 S</b>	<b>Y98</b>	<b>100</b>
<b>CITY OF EMERYVILLE</b>	<b>1333 PARK AVE</b>	<b>1/4 - 1/2 W</b>	<b>Z99</b>	<b>100</b>
<b>CITY WOOD</b>	<b>3423 HARLAN ST</b>	<b>1/4 - 1/2 SSW</b>	<b>AA101</b>	<b>102</b>
<b>BASHLAND INC</b>	<b>4015 HOLLIS ST</b>	<b>1/4 - 1/2 WSW</b>	<b>AB104</b>	<b>104</b>
<b>ABBETT ELECTRIC CORPORATION</b>	<b>1850 BRYANT STREET</b>	<b>1/4 - 1/2 WSW</b>	<b>AB106</b>	<b>106</b>
<b>DEL MONTE PLANT #35</b>	<b>4202 HOLLIS ST</b>	<b>1/4 - 1/2 W</b>	<b>108</b>	<b>110</b>
<b>CITY OF MORGAN HILL CORP</b>	<b>3427 MAGNOLIA</b>	<b>1/4 - 1/2 SSW</b>	<b>109</b>	<b>111</b>
<b>DOUGCO INC</b>	<b>1073 34TH ST</b>	<b>1/4 - 1/2 SSW</b>	<b>AC110</b>	<b>112</b>
<b>CLAWSON PROJECT ASSOCIATES</b>	<b>3420 PERALTA ST</b>	<b>1/4 - 1/2 SSW</b>	<b>AE118</b>	<b>118</b>
<b>OAKLAND FIRE STATION #5</b>	<b>934 34TH ST</b>	<b>1/4 - 1/2 S</b>	<b>AF119</b>	<b>119</b>
<b>HEMSATH DRAYAGE</b>	<b>1350 34TH ST</b>	<b>1/2 - 1 SW</b>	<b>125</b>	<b>126</b>
<b>MATERIALS DISTRIBUTION CENTER</b>	<b>4525 HOLLIS ST</b>	<b>1/2 - 1 WNW</b>	<b>AH129</b>	<b>130</b>
<b>CHROMEX DIVISION</b>	<b>1400 PARK AVE</b>	<b>1/2 - 1 W</b>	<b>AI130</b>	<b>131</b>
<b>1421 PARK AVE ASSOCIATES</b>	<b>1421 PARK AVE</b>	<b>1/2 - 1 W</b>	<b>AJ134</b>	<b>134</b>
<b>GUITON CHARTER BUS SERVICE</b>	<b>3421 HOLLIS ST</b>	<b>1/2 - 1 SW</b>	<b>136</b>	<b>137</b>
<b>SHELL</b>	<b>1420 45TH</b>	<b>1/2 - 1 W</b>	<b>138</b>	<b>138</b>
<b>WEYERHAEUSER CO</b>	<b>4050 HORTON ST</b>	<b>1/2 - 1 WSW</b>	<b>141</b>	<b>141</b>
<b>LOOMIS ARMORED CAR SERVICES IN</b>	<b>936 BROCKHURST ST</b>	<b>1/2 - 1 S</b>	<b>142</b>	<b>143</b>
<b>STUART WESTERN INC</b>	<b>1461 PARK AVE</b>	<b>1/2 - 1 W</b>	<b>143</b>	<b>143</b>
<b>SHELL</b>	<b>4250 HORTON ST</b>	<b>1/2 - 1 W</b>	<b>144</b>	<b>144</b>
<b>CALIFORNIA SYRUP &amp; EXTRAC</b>	<b>1355 55TH</b>	<b>1/2 - 1 NW</b>	<b>AJ146</b>	<b>145</b>
<b>THOROUGHbred BUILDING</b>	<b>1397 55TH ST</b>	<b>1/2 - 1 NW</b>	<b>AJ150</b>	<b>149</b>
<b>BUTTNER PROPERTIES</b>	<b>4055 HUBBARD ST</b>	<b>1/2 - 1 WSW</b>	<b>151</b>	<b>151</b>
<b>THE SHERWIN WILLIAMS COMPANY</b>	<b>1450 SHERWIN AVE</b>	<b>1/2 - 1 W</b>	<b>153</b>	<b>151</b>
<b>FORDHAM PROPERTIES</b>	<b>5515 DOYLE ST.</b>	<b>1/2 - 1 NW</b>	<b>AJ155</b>	<b>153</b>
<b>RESIDENCE</b>	<b>2160 LAKE STREET</b>	<b>1/2 - 1 NW</b>	<b>AJ156</b>	<b>153</b>
<b>AB CO WATERPROOFING</b>	<b>3135 FILBERT ST</b>	<b>1/2 - 1 S</b>	<b>157</b>	<b>155</b>
<b>ROMAK IRON WORKS</b>	<b>3250 HOLLIS ST</b>	<b>1/2 - 1 SSW</b>	<b>AK160</b>	<b>156</b>
<b>CHAPMAN PROPERTY</b>	<b>1400 53RD ST</b>	<b>1/2 - 1 WNW</b>	<b>161</b>	<b>157</b>
<b>ZERO WASTE SYSTEMS INC</b>	<b>1450 32ND STREET</b>	<b>1/2 - 1 SW</b>	<b>162</b>	<b>158</b>
<b>CAHON ASSOCIATES INC</b>	<b>3501 SAN PABLO AVE</b>	<b>1/2 - 1 S</b>	<b>164</b>	<b>159</b>
<b>PELLEGRINI REFRIGERATION &amp; RES</b>	<b>1550 PARK AVE</b>	<b>1/2 - 1 W</b>	<b>165</b>	<b>160</b>
<b>CALIFORNIA ELECTRIC CO</b>	<b>3015 ADELINE ST</b>	<b>1/2 - 1 SSW</b>	<b>166</b>	<b>160</b>
<b>FACILITY 6015-1</b>	<b>1212 POWELL</b>	<b>1/2 - 1 NW</b>	<b>169</b>	<b>166</b>
<b>KENT CROWLEY</b>	<b>3016 FILBERT ST</b>	<b>1/2 - 1 S</b>	<b>171</b>	<b>166</b>
<b>OAKLAND</b>	<b>3465 ETTIE ST</b>	<b>1/2 - 1 WSW</b>	<b>AN177</b>	<b>173</b>
<b>CITY OF OAKLAND</b>	<b>CORNER OF EMBARCADERO</b>	<b>1/2 - 1 WSW</b>	<b>AN178</b>	<b>173</b>
<b>SHELL SERVICE STATION</b>	<b>3420 SAN PABLO AVE</b>	<b>1/2 - 1 S</b>	<b>AO179</b>	<b>174</b>
<b>CONSTRUCTION YARD</b>	<b>3428 ETTIE ST</b>	<b>1/2 - 1 WSW</b>	<b>AP180</b>	<b>175</b>
<b>HENRY SHIREK ESTATE</b>	<b>3425 ETTIE ST</b>	<b>1/2 - 1 SW</b>	<b>AP182</b>	<b>176</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GARY JENSEN	5813 FREMONT ST	1/2 - 1 NNW	183	176
ARCO PRODUCTS COMPANY 9535	3400 SAN PABLO	1/2 - 1 S	AO184	176
RESIDENTIAL	2856 HELEN ST	1/2 - 1 SW	185	178
SAN CARLOS BEACH	1549 32ND	1/2 - 1 SW	189	181
SCHWABACKER FREY	5733 PELLEDEAU	1/2 - 1 WNW	190	181
JH FITZMAURICE INC	2857B HANNAH ST	1/2 - 1 SW	192	183
WSB ELECTRIC COMPANY	3032 MARKET ST	1/2 - 1 S	AR194	185
LINDFORD AIR & REFRIGERATION	2850 POPLAR	1/2 - 1 SSW	AS197	187
TUNE UP MASTERS #318	2901 SAN PABLO AVE	1/2 - 1 S	AR198	188
BROOKS AUTO SERVICE	1101 28TH ST	1/2 - 1 SSW	202	191
PFIZER INC	4650 SHELLMOUND ST	1/2 - 1 W	AU206	195
EMERYVILLE - OPEN TOP RECONDIT	4500 SHELLMOUND ST	1/2 - 1 W	AV207	197
ARAMARK UNIFORM SERVICES INC	958 28TH ST	1/2 - 1 S	AT211	202
THOMAS A SHORT CO	3430 WOOD ST	1/2 - 1 WSW	AW213	204
JUDSON STEEL	UNKNOWN SHELLMOUND ST	1/2 - 1 W	AU214	205
NONE	1229 28TH	1/2 - 1 SSW	217	208
SUTTA & COMPANY	3401 WOOD ST	1/2 - 1 SW	AX219	210
THREE H TRUCK AND AUTO CE	2801 SAN PABLO	1/2 - 1 S	221	211
CUSTOM ALLOY SCRAP SALES	2730 PERALTA ST	1/2 - 1 SSW	229	220
AT & SF RAILROAD PROPERTY	ALONG WOOD / 32ND STR	1/2 - 1 SW	AZ230	221
WESTVACO ENVELOPE DIV	5650 HOLLIS ST	1/2 - 1 NW	231	222
CALOUS BLDG	730 29TH ST	1/2 - 1 SSE	BA233	223
BP OIL CO FAC SITE NO 11126	1700 POWELL ST	1/2 - 1 WNW	235	224
JT TRUCKING	2818 CYPRESS ST	1/2 - 1 SW	BB236	225
CITY OF EMERYVILLE	SHELLMOUND ST.-TEMESCO	1/2 - 1 W	237	225
GENERAL TRANSPORTATION INC.	3211 WOOD ST	1/2 - 1 SW	AZ239	227
WAREHAM PROPERTY	2855 CYPRESS ST	1/2 - 1 SW	240	227
KALMARAC OF OAKLAND INC	2792 CYPRESS STREET	1/2 - 1 SW	BB241	228
WESTINGHOUSE ELECTRIC CORP	5899 PELADEAU ST PO BOX	1/2 - 1 NW	BC246	237
MC CLYMONDS HIGH SCHOOL	2607 MYRTLE	1/2 - 1 S	248	239
WESTERN SEAFARE COMPANY	1301 26TH ST	1/2 - 1 SSW	249	240
SHELL	1800 POWELL	1/2 - 1 WNW	252	241

**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 8 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>
SERVICE STATION # 1583	5509 MARTIN LUTHER KING	1/2 - 1 NNE	149	149
STAUDER CHEVRON #90338	5500 TELEGRAPH	1/2 - 1 ENE	227	217

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
45TH STREET ARTIST COOPERATIVE	1420 45TH STREET	1/2 - 1 W	154	153
UNKNOWN	4549 HORTON STREET	1/2 - 1 WNW	163	159
LINDFORD AIR & REFRIGERATION	2850 POPLAR	1/2 - 1 SSW	AS196	187
LINDFORD AIR & REFRIGERATION	2850 POPLAR	1/2 - 1 SSW	AS197	187
Not reported	958 28TH STREET	1/2 - 1 S	AT204	194
NONE	1229 28TH	1/2 - 1 SSW	217	208

## EXECUTIVE SUMMARY

**WMUDS/SWAT:** The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
THERM-TEC OF CALIFORNIA	4000 HARLAN ST.	1/4 - 1/2WSW	78	80

**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 01/17/2002 has revealed that there are 63 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>
Not reported	989 41ST ST	0 - 1/8 E	B12	14
<b>FIDELITY ROOF CO</b>	<b>1075 40TH ST</b>	<b>0 - 1/8 SW</b>	<b>C14</b>	<b>16</b>
Not reported	1001 42ND ST	0 - 1/8 NE	D17	21
BOYSEN PAINT	1001 42ND ST	0 - 1/8 NE	D19	22
<b>OAKLAND NATIONAL ENGRAVER</b>	<b>1001 42ND</b>	<b>0 - 1/8 NE</b>	<b>D20</b>	<b>23</b>
<b>OAKLAND NATIONAL ENGRAVING RESIDENCE</b>	<b>1001 42ND ST</b>	<b>0 - 1/8 NE</b>	<b>D23</b>	<b>26</b>
<b>BERKELEY FARMS</b>	<b>795 25TH AVENUE</b>	<b>1/8 - 1/4 WSW</b>	<b>H32</b>	<b>34</b>
<b>BERKELEY FARMS</b>	<b>4550 SAN PABLO AVE</b>	<b>1/8 - 1/4 WSW</b>	<b>H33</b>	<b>36</b>
<b>BERKELEY FARMS</b>	<b>47TH &amp; SAN PABLO</b>	<b>1/8 - 1/4 WSW</b>	<b>H34</b>	<b>37</b>
Not reported	4575 SAN PABLO AVE	1/8 - 1/4 WSW	I35	40
<b>BERKELEY FARMS TRUCK SHOP</b>	<b>4575 SAN PABLO</b>	<b>1/8 - 1/4 WSW</b>	<b>I36</b>	<b>40</b>
<b>VACANT LOT</b>	<b>4800 SAN PABLO AVE</b>	<b>1/8 - 1/4 WNW</b>	<b>J39</b>	<b>42</b>
Not reported	4800 SAN PABLO AVE	1/8 - 1/4 WNW	J40	43
<b>KAISER PERMANENTE/FRENCH FAC.</b>	<b>4131 GEARY BLVD</b>	<b>1/8 - 1/4 E</b>	<b>L44</b>	<b>46</b>
<b>ARCO STATION</b>	<b>4401 MARKET ST</b>	<b>1/8 - 1/4 E</b>	<b>L45</b>	<b>49</b>
<b>FLECTO COMPANY INC</b>	<b>1000 45TH STREET</b>	<b>1/8 - 1/4 NNE</b>	<b>M48</b>	<b>51</b>
Not reported	1000 45TH ST	1/8 - 1/4 NNE	M50	57
<b>PEPSI COLA COMPANY</b>	<b>1150 PARK AVE</b>	<b>1/8 - 1/4 W</b>	<b>N53</b>	<b>59</b>
Not reported	1010 46TH ST	1/4 - 1/2 NNE	Q66	73
<b>INTERSTATE BRANDS</b>	<b>1010 46TH ST</b>	<b>1/4 - 1/2 NNE</b>	<b>Q69</b>	<b>74</b>
Not reported	890 W MACARTHUR BLVD	1/4 - 1/2 SSE	T2	77
<b>TOSCANA BAKERY</b>	<b>3924 MARKET ST</b>	<b>1/4 - 1/2 SSE</b>	<b>T79</b>	<b>81</b>
SAN FRANCISCO FRENCH BREAD COM	3924 MARKET ST	1/4 - 1/2 SSE	T80	82
Not reported	945 - 53RD ST	1/4 - 1/2 NNE	85	86
<b>AC TRANSIT</b>	<b>1177 47TH ST</b>	<b>1/4 - 1/2 NW</b>	<b>86</b>	<b>88</b>
RED TOP ELECTRIC INC	4377 ADELIN ST	1/4 - 1/2 NNE	V87	89
<b>RED TOP ELECTRIC CO. EMERYVILL</b>	<b>4377 ADELIN ST</b>	<b>1/4 - 1/2 NNE</b>	<b>V88</b>	<b>90</b>
<b>NEIGHBORHOOD LAUNDROMAT</b>	<b>3838 WEST ST</b>	<b>1/4 - 1/2 SE</b>	<b>W89</b>	<b>91</b>
Not reported	3838 WEST ST	1/4 - 1/2 SE	W90	92
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4343 SAN PABLO AVE	1/8 - 1/4 SSW	O56	64
STANDARD BRANDS PAINT	4343 SAN PABLO AVE	1/8 - 1/4 SSW	O58	65
<b>RESIDENCE</b>	<b>2090 GREEN STREET</b>	<b>1/8 - 1/4 SSW</b>	<b>O59</b>	<b>67</b>
<b>EMERYVILLE FIRE DEPT</b>	<b>4331 SAN PABLO AVE</b>	<b>1/8 - 1/4 SSW</b>	<b>O61</b>	<b>69</b>
EMERYVILLE REDEVELOPMENT AGENC	4300 SAN PABLO AVE	1/4 - 1/2 SSW	P66	72
Not reported	4300 SAN PABLO AVE	1/4 - 1/2 SSW	P67	73
PARK AVENUE PROPERTY	1199 PARK AVE	1/4 - 1/2 W	R71	76



## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	3623 ADELINE ST	1/4 - 1/2SSW	S75	78
OWENS MORTGAGE INVESTMENT FUND	3623 ADELINE ST	1/4 - 1/2SSW	S76	78
GEROW PROPERTIES	1255 PARK AVE	1/4 - 1/2W	U82	85
Not reported	1255 PARK AVE	1/4 - 1/2W	U83	86
<b>GEROW PROPERTIES</b>	<b>1255 PARK AVE</b>	<b>1/4 - 1/2W</b>	<b>U84</b>	<b>86</b>
CITY OF PARIS CLEANERS	3516 ADELINE ST	1/4 - 1/2SSW	X91	92
<b>CITY OF PARIS CLEANING AND DRY</b>	<b>3516 ADELINE ST</b>	<b>1/4 - 1/2SSW</b>	<b>X92</b>	<b>94</b>
<b>TOSCANA BAKING COMPANY</b>	<b>4070 SAN PABLO AVE</b>	<b>1/4 - 1/2S</b>	<b>Y93</b>	<b>94</b>
SAN FRANCISCO FRENCH BREAD COM	4070 SAN PABLO AVE	1/4 - 1/2S	Y95	94
<b>NGOW AUTO CENTER &amp; BODY</b>	<b>177 TOWNSEND STREET</b>	<b>1/4 - 1/2S</b>	<b>Y97</b>	<b>97</b>
<b>CELIS TEXACO SERVICE STATION</b>	<b>4000 SAN PABLO AVE</b>	<b>1/4 - 1/2S</b>	<b>Y98</b>	<b>100</b>
<b>CITY OF EMERYVILLE</b>	<b>1333 PARK AVE</b>	<b>1/4 - 1/2W</b>	<b>Z99</b>	<b>100</b>
EMERVILLE CITY OF	1333 PARK AVE	1/4 - 1/2W	Z100	101
<b>CITY WOOD</b>	<b>3423 HARLAN ST</b>	<b>1/4 - 1/2SSW</b>	<b>AA101</b>	<b>102</b>
Not reported	3423 HARLAN ST	1/4 - 1/2SSW	AA102	104
Not reported	4015 HOLLIS ST	1/4 - 1/2WSW	AB103	104
<b>BASHLAND INC</b>	<b>4015 HOLLIS ST</b>	<b>1/4 - 1/2WSW</b>	<b>AB104</b>	<b>104</b>
Not reported	4001 HOLLIS ST	1/4 - 1/2WSW	AB105	105
<b>ABBETT ELECTRIC CORPORATION</b>	<b>1850 BRYANT STREET</b>	<b>1/4 - 1/2WSW</b>	<b>AB106</b>	<b>106</b>
<b>RESIDENCE</b>	<b>2812 LYON STREET</b>	<b>1/4 - 1/2WSW</b>	<b>AB107</b>	<b>108</b>
<b>DEL MONTE PLANT #35</b>	<b>4202 HOLLIS ST</b>	<b>1/4 - 1/2W</b>	<b>108</b>	<b>110</b>
<b>DOUGCO INC</b>	<b>1073 34TH ST</b>	<b>1/4 - 1/2SSW</b>	<b>AC110</b>	<b>112</b>
Not reported	1073 34TH ST	1/4 - 1/2SSW	AC111	113
Not reported	3420 PERALTA ST	1/4 - 1/2SSW	AE116	117
CLAWSON HIGH SCHOOL	3420 PERALTA ST	1/4 - 1/2SSW	AE117	117
<b>OAKLAND FIRE STATION #5</b>	<b>934 34TH ST</b>	<b>1/4 - 1/2S</b>	<b>AF119</b>	<b>119</b>
Not reported	934 34TH ST	1/4 - 1/2S	AF120	120

BEP: Bond Expenditure Plan comes from the Department of Health Services.

A review of the CA BOND EXP. PLAN list, as provided by EDR, has revealed that there are 3 CA BOND EXP. PLAN sites 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>
PACIFIC GAS AND ELECTRIC - EME	4525 HOLLIS STREET	1/2 - 1 WNW	AH128	130
ELECTRO-COATINGS	1421 PARK AVENUE	1/2 - 1 W	AI133	134
WESTINGHOUSE ELECTRIC COMPANY	5899 PELADEAU STREET	1/2 - 1 NW	BC245	237

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle 1 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 01/17/2002 has revealed that there are 11 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>US COAST GUARD STATION</b>	<b>1 YERBA BUENA ISLAND</b>	<b>0 - 1/8 NE</b>	<b>A6</b>	<b>10</b>
PARK MERCED APARTMENTS	405 SERRANO DRIVE	0 - 1/8 ESE	8	12
<b>FIDELITY ROOF CO</b>	<b>1075 40TH ST</b>	<b>0 - 1/8 SW</b>	<b>C14</b>	<b>16</b>
WELLS FARGO BANK	420 MONTGOMERY STREET	0 - 1/8 NE	D22	25
1095 MARKET STREET, L.L.C.	1095 MARKET STREET, L.L	1/8 - 1/4NW	G30	33
<b>RESIDENCE</b>	<b>795 25TH AVENUE</b>	<b>1/8 - 1/4WSW</b>	<b>H32</b>	<b>34</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>KAISER PERMANENTE/FRENCH FAC.</b>	<b>4131 GEARY BLVD</b>	<b>1/8 - 1/4 E</b>	<b>L44</b>	<b>46</b>
<b>FLECTO COMPANY INC</b>	<b>1000 45TH STREET</b>	<b>1/8 - 1/4 NNE</b>	<b>M48</b>	<b>51</b>
<b>POLICE/NORTHERN STATAON</b>	<b>841 ELLIS STREET</b>	<b>1/8 - 1/4 W</b>	<b>N52</b>	<b>59</b>
<b>RESIDENCE</b>	<b>1967 JACKSON STREET</b>	<b>1/8 - 1/4 W</b>	<b>N54</b>	<b>62</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>RESIDENCE</b>	<b>2090 GREEN STREET</b>	<b>1/8 - 1/4 SSW</b>	<b>O59</b>	<b>67</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 9 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>US COAST GUARD STATION</b>	<b>1 YERBA BUENA ISLAND</b>	<b>0 - 1/8 NE</b>	<b>A6</b>	<b>10</b>
<b>FIDELITY ROOF CO</b>	<b>1075 40TH ST</b>	<b>0 - 1/8 SW</b>	<b>C14</b>	<b>16</b>
<b>EMERYVILLE VETERANS</b>	<b>4321 SALEM ST</b>	<b>1/8 - 1/4 NW</b>	<b>G28</b>	<b>32</b>
<b>BERKELEY FARMS</b>	<b>47TH &amp; SAN PABLO</b>	<b>1/8 - 1/4 WSW</b>	<b>H34</b>	<b>37</b>
<b>EMERYVILLE SERVICE STATION</b>	<b>4501 SAN PABLO AVE</b>	<b>1/8 - 1/4 SW</b>	<b>H38</b>	<b>42</b>
<b>ARCO STATION</b>	<b>4401 MARKET ST</b>	<b>1/8 - 1/4 E</b>	<b>L45</b>	<b>49</b>
<b>FLECTO COMPANY INC</b>	<b>1000 45TH STREET</b>	<b>1/8 - 1/4 NNE</b>	<b>M48</b>	<b>51</b>
<b>AMERICAN RUBBER MFG CO</b>	<b>1145 PARK AVE</b>	<b>1/8 - 1/4 W</b>	<b>N51</b>	<b>57</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>EMERYVILLE FIRE DEPT</b>	<b>4331 SAN PABLO AVE</b>	<b>1/8 - 1/4 SSW</b>	<b>O61</b>	<b>69</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 8 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>US COAST GUARD STATION</b>	<b>1 YERBA BUENA ISLAND</b>	<b>0 - 1/8 NE</b>	<b>A6</b>	<b>10</b>
<b>FIDELITY ROOF CO</b>	<b>1075 40TH ST</b>	<b>0 - 1/8 SW</b>	<b>C14</b>	<b>16</b>
<b>BERKELEY FARMS</b>	<b>47TH &amp; SAN PABLO</b>	<b>1/8 - 1/4 WSW</b>	<b>H34</b>	<b>37</b>
<b>EMERYVILLE SERVICE STATION</b>	<b>4501 SAN PABLO AVE</b>	<b>1/8 - 1/4 SW</b>	<b>H37</b>	<b>41</b>
<b>KAISER PERMANENTE/FRENCH FAC.</b>	<b>4131 GEARY BLVD</b>	<b>1/8 - 1/4 E</b>	<b>L44</b>	<b>46</b>
<b>FLECTO COMPANY INC</b>	<b>1000 45TH STREET</b>	<b>1/8 - 1/4 NNE</b>	<b>M48</b>	<b>51</b>
<b>AMERICAN RUBBER MFG CO</b>	<b>1145 PARK AVE</b>	<b>1/8 - 1/4 W</b>	<b>N51</b>	<b>57</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>EMERYVILLE FIRE DEPT</b>	<b>4331 SAN PABLO AVE</b>	<b>1/8 - 1/4 SSW</b>	<b>O60</b>	<b>69</b>

## EXECUTIVE SUMMARY

### 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>
<b>OAKLAND NATIONAL ENGRAVING</b>	<b>1001 42ND ST</b>	<b>0 - 1/8 NE</b>	<b>D23</b>	<b>26</b>
REDEVELOPMENT AGENCY	1056 48TH ST	1/4 - 1/2NNW	77	79
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>DEL MONTE CORP., PLANT #35</b>	<b>1250 PARK AVE</b>	<b>1/4 - 1/2W</b>	<b>U81</b>	<b>83</b>
EAST BAYBRIDGE CENTER	YERBA BUENA AVE / HOL	1/4 - 1/2WSW	112	113

**HAZNET:** The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 29 HAZNET 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>
ROCKRIDGE WAREHOUSE	1010 41ST STREET	0 - 1/8 NNE	A5	10
KELLY MOORE PAINT COMPANY	4050 ADELINE STREET	0 - 1/8 WSW	C9	13
<b>CALIFORNIA LINEN</b>	<b>989 41ST ST</b>	<b>0 - 1/8 E</b>	<b>B11</b>	<b>14</b>
<b>FIDELITY ROOF CO</b>	<b>1075 40TH ST</b>	<b>0 - 1/8 SW</b>	<b>C14</b>	<b>16</b>
NATIONAL UPHOLSTERING COMPANY	4000 ADELINE ST	0 - 1/8 SW	C15	20
OAKLAND HOUSING AUTHORITY	950 40TH ST.	0 - 1/8 SE	16	21
ALAN ZATOPA	1000 42ND ST	0 - 1/8 NE	D18	22
ONE COLOR COMMUNICATIONS LLC	1001 42ND STREET	0 - 1/8 NE	D21	24
ANNA YATES ELEMENTARY SCHOOL	1070 41ST ST	0 - 1/8 W	E24	28
EUSD/ANNA YATES ELEMENTARY SCH	1070 41ST ST	0 - 1/8 W	E25	29
CINDER BLOCK INC	1000 43RD ST	1/8 - 1/4NE	F26	29
<b>K P CORPORATION OAKLAND</b>	<b>1000 43RD ST</b>	<b>1/8 - 1/4NE</b>	<b>F27</b>	<b>30</b>
CITY EMERYVILLE REDEVELOPMENT	4321 SALEM ST	1/8 - 1/4NW	G29	32
1X BAY COUNTIES SERVICE STATIO	1096 YERBA BUENA AVENUE	1/8 - 1/4SSW	31	34
<b>BERKELEY FARMS</b>	<b>47TH &amp; SAN PABLO</b>	<b>1/8 - 1/4WSW</b>	<b>H34</b>	<b>37</b>
SHIG'S AUTO SERVICE	1047 39TH ST	1/8 - 1/4SSW	K41	44
<b>PRECISION MOTORS</b>	<b>1054 39TH ST</b>	<b>1/8 - 1/4SSW</b>	<b>K42</b>	<b>44</b>
PERFORMANCE AUTO	1060 39TH ST	1/8 - 1/4SSW	K43	45
<b>H BECK SVC &amp; REPAIR</b>	<b>1040 APGAR ST</b>	<b>1/8 - 1/4S</b>	<b>47</b>	<b>50</b>
FLECTO COMPANY THE INC	1000 45TH STREET	1/8 - 1/4NNE	M49	55
<b>AMERICAN RUBBER MFG CO</b>	<b>1145 PARK AVE</b>	<b>1/8 - 1/4W</b>	<b>N51</b>	<b>57</b>
<b>PEPSI COLA COMPANY</b>	<b>1150 PARK AVE</b>	<b>1/8 - 1/4W</b>	<b>N53</b>	<b>59</b>
NEW LOGIC INTERNATIONAL INC	1155 PARK AVE	1/8 - 1/4W	N55	63
G F M HOLDINGS/GRAHAM MACKENZI	970 W MACARTHUR BLVD	1/8 - 1/4S	62	70
OUSD LONGFELLOW ELEMENTARY & C	880 39TH STREET	1/8 - 1/4SE	65	71
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>STANDARD BRANDS PAINT CO</b>	<b>4343 SAN PABLO AVE</b>	<b>1/8 - 1/4SSW</b>	<b>O57</b>	<b>64</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EMERYVILLE FIRE DEPT	4331 SAN PABLO AVE	1/8 - 1/4SSW	O61	69
EMERYVILLE REDEV AGENCY	4321 SAN PABLE AVENUE	1/8 - 1/4SSW	O63	70
CARDSTORE.COM	1165 PARK AVE	1/8 - 1/4W	N64	71

## EXECUTIVE SUMMARY

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

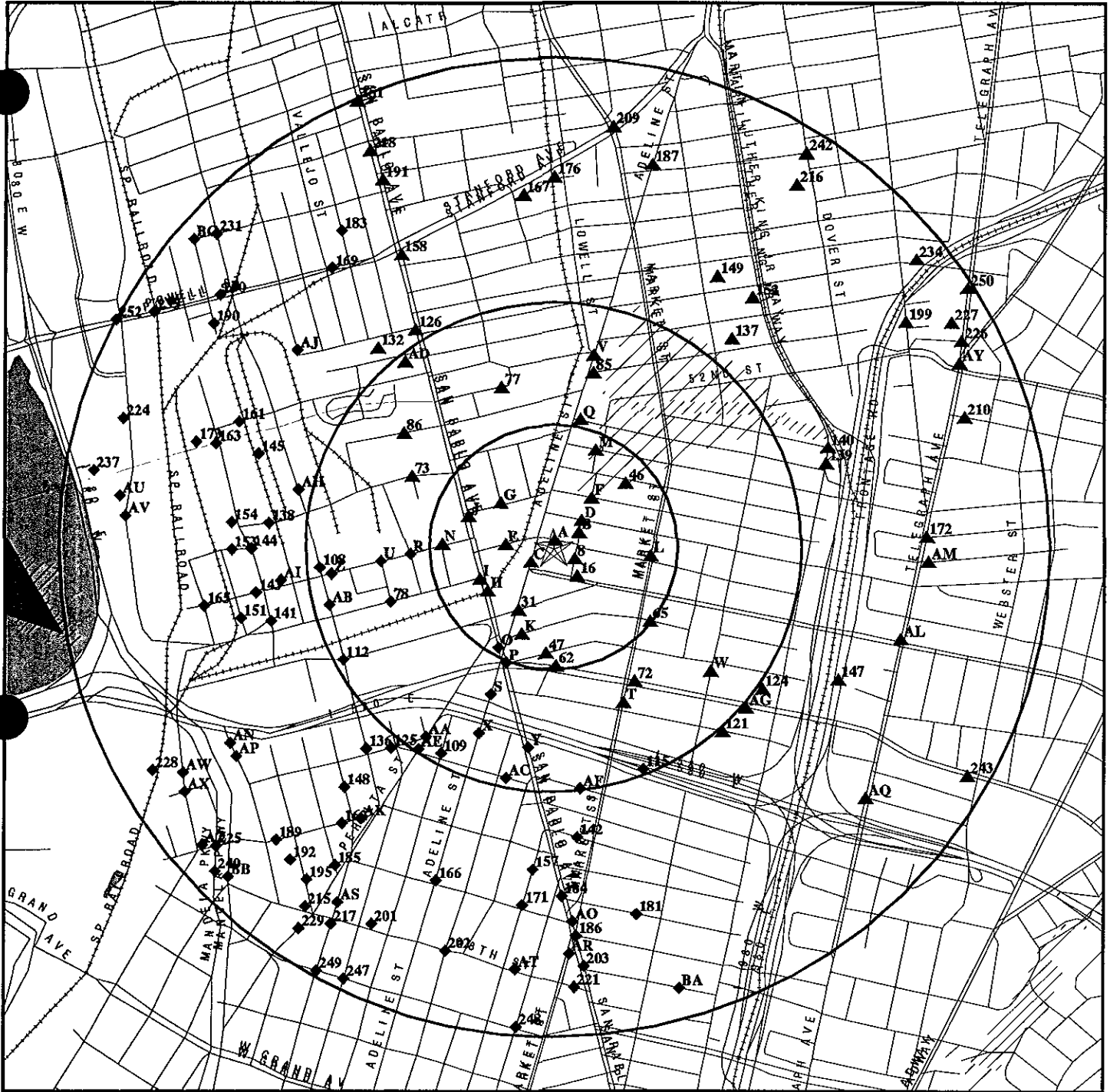
<u>Site Name</u>	<u>Database(s)</u>
OAKLAND ARMY BASE	AWP
SOUTH BAYFRONT PROJECT	Cal-Sites, DEED
SHELLMOUND STREET	Cal-Sites, Cortese, DEED
IKEA (FORMER BARBARY COAST)	Cal-Sites, DEED
A C TRANSIT - EMERYVILLE	Cal-Sites
63RD STREET TRUNK SEWER PROJECT	Cal-Sites
CYPRESS FREEWAY/BIKEWAY PROJECT	Cal-Sites
MANDELA PARKWAY CORRIDOR	Cal-Sites
CONTAINER FREIGHT	Cal-Sites, Cortese, LUST
S.P. VACANT LOT ON 3RD STREET	Cal-Sites
AMTRAK MAINTENANCE FACILITY	Cal-Sites
OROVILLE TEXACO	Notify 65, Cortese, LUST
3455 ETTIE STREET	CHMIRS, HAZNET
ELECTRO COATINGS INC	Cortese, LUST
DAYS INN HOTEL	Cortese, LOS ANGELES CO. HMS
GOLDSMITH LATHROP	Cortese, LUST
EMERY BAY MARKETPLACE	Cortese, LUST
GROVE STREET WASH RACK	Cortese, LUST
CHEVRON	Cortese, LUST
SOUTHERN PACIFIC RAILWAY-EMERYVILLE	CERCLIS
NORTH PORT OF OAKLAND REFUSE DS/RAIDERS	SWF/LF
CITY OF OAKLAND 2001 IDS (2136)	SWF/LF
SHEPHERD CANYON PARK IDS	SWF/LF
IDEAL PAINT CO., INC	UST, LUST
4300 EASTSHORE HWY	LUST
NA 5TH / ADELINE	LUST
2901 SAN PABLO AVE	LUST
SHELL	LUST
500 40TH ST	LUST
1075 40TH ST	LUST
OAKLAND NATIONAL ENGRAVES	LUST
JUDSON STEEL CORPORATION	HIST UST
P*IE NATIONWIDE, INC.	HIST UST
RYDER/PIE NATIONWIDE, INC.	HIST UST
TERRANOVA INDUSTRIES	HAZNET
CITY OF EMERYVILLE	HAZNET
CITY OF EMERYVILLE /PUBLICWORKS	HAZNET
CHIRON CORPORATION	RCRIS-SQG, FINDS, HAZNET
CITY OF EMERYVILLE	HAZNET
MYERS CONTAINER CORP	HAZNET
REGENT PRESS	HAZNET
B O M H, INC	HAZNET
JACK GONZALES	HAZNET
EQUILON ENTERPRISES LLC	HAZNET
UC BERKELEY MARCHANT BLDG	HAZNET
UC BERKELEY-MARCHANT	HAZNET
BERTH 24 MAERSK LINE 909 FERRY STREET	ERNS
BERTH 24 MAERSK LINE 909 FERRY STREET	ERNS
EMBARCADERO STREET	ERNS
FOOT OF 6TH STREET	ERNS
INTERSECTION NANDELA PKWY AND 7TH STREET	ERNS
1150 MARKET ST @ 11TH STREET	ERNS
1310 OAK STREET	ERNS
OAKLAND INTERMODAL RAMP 1707 WOOD STREET	ERNS
WEST OAKLAND RAILROAD YARD - 515 BAY STREET	ERNS
WEST OAKLAND RAILROAD YARD - 515 BAY STREET	ERNS
844 29TH ST. SPILL IS LOCATED ON STREET IN FRONT OF HOME.	ERNS
3050 7TH STREET BERTH 33	ERNS

## EXECUTIVE SUMMARY

7TH STREET TERMINAL  
1851 5TH STREET  
VAN CROFF AND HIGH STREET  
1707 WOOD STREET OAKLAND YARD  
1780 WOOD STREET  
1780 WOOD STREET

ERNS  
ERNS  
ERNS  
ERNS  
ERNS  
ERNS

# OVERVIEW MAP - 0838073.4r - Clayton Group Services



★ 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

⚡ Power transmission lines

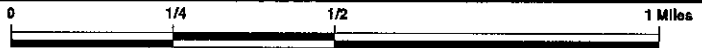
⚡ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

▨ Wetlands

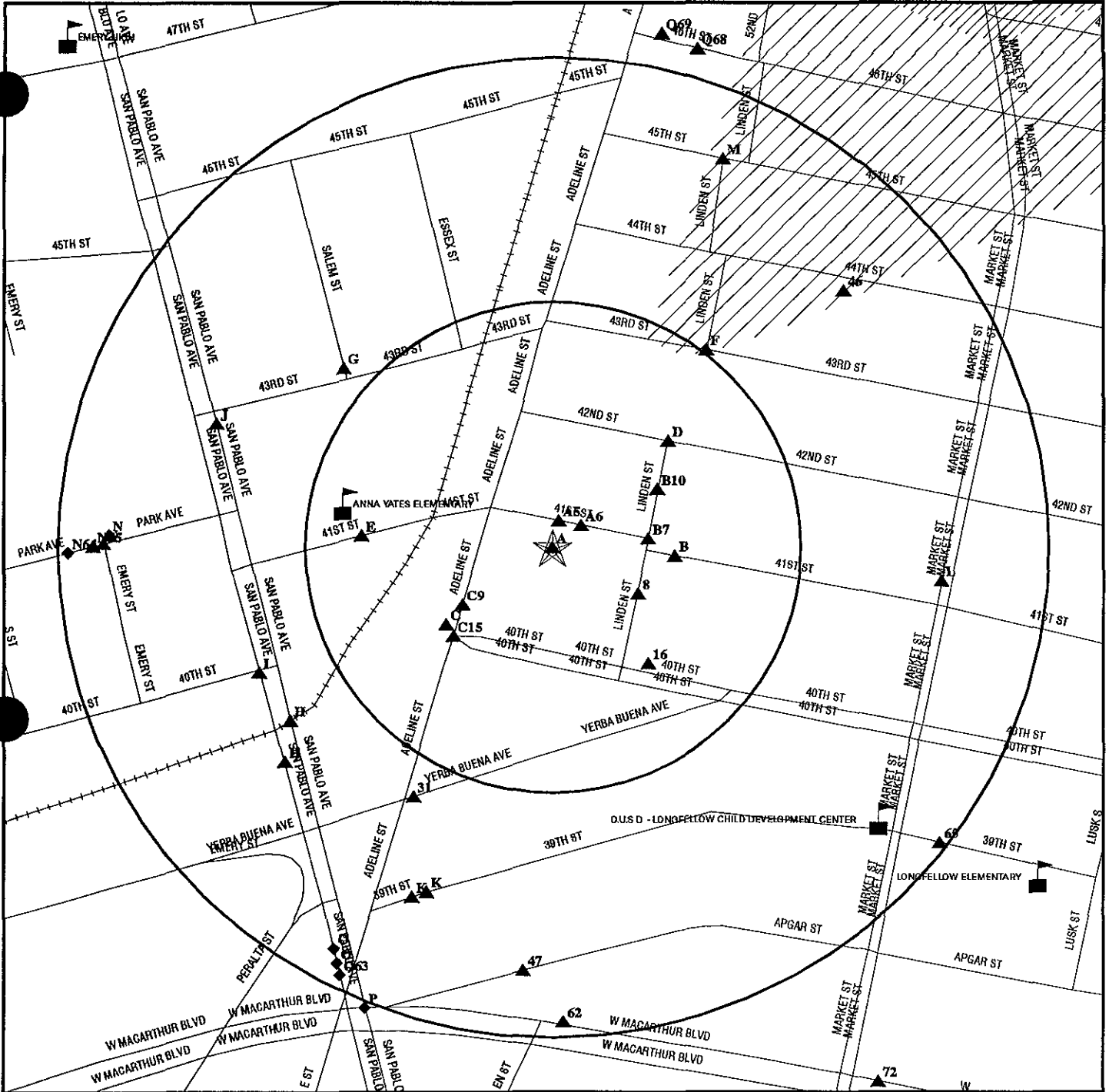
▣ Areas of Concern



TARGET PROPERTY: 1007 41st Street  
 ADDRESS: 1007 41st Street  
 CITY/STATE/ZIP: Oakland CA 94608  
 LAT/LONG: 37.8320 / 122.2773

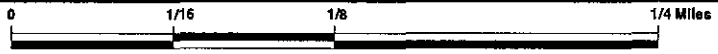
CUSTOMER: Clayton Group Services  
 CONTACT: Jesse Edmands  
 INQUIRY #: 0838073.4r  
 DATE: August 27, 2002 8:09 pm

# DETAIL MAP - 0838073.4r - Clayton Group Services



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▶ Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- ▧ Areas of Concern



**TARGET PROPERTY:** 1007 41st Street  
**ADDRESS:** 1007 41st Street  
**CITY/STATE/ZIP:** Oakland CA 94608  
**LAT/LONG:** 37.8320 / 122.2773

**CUSTOMER:** Clayton Group Services  
**CONTACT:** Jesse Edmands  
**INQUIRY #:** 0838073.4r  
**DATE:** August 27, 2002 8:14 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
<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	1	NR	1
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.	X	0.250	2	5	NR	NR	NR	7
ERNS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	18	NR	18
CHMIRS		1.000	1	1	4	19	NR	25
Cortese	X	1.000	4	7	19	89	NR	119
Notify 65		1.000	0	0	0	8	NR	8
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	1	NR	NR	1
LUST	X	0.500	6	16	41	NR	NR	63
CA Bond Exp. Plan		1.000	0	0	0	3	NR	3
UST		0.250	4	7	NR	NR	NR	11
CA FID UST		0.250	2	7	NR	NR	NR	9
HIST UST		0.250	2	6	NR	NR	NR	8
<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	X	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
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
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><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
AST		TP	NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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
CA SLIC	X	0.500	1	0	3	NR	NR	4
HAZNET		0.250	10	19	NR	NR	NR	29

### EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

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

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1 Target Property 1007 41ST ST OAKLAND, CA LUST S105482995 N/A

Site 1 of 6 in cluster A

LUST Alameda County:  
Region : ALAMEDA  
Facility ID : RO0000073

A2 Target Property FRANK W DUNNE COMPANY 1007 41ST STREET OAKLAND, CA 94608 RCRIS-SQG FINDS 1000311541 CAD009118597

Site 2 of 6 in cluster A

RCRIS:  
Owner: WILLIAM T TUNER  
(415) 555-1212  
EPA ID: CAD009118597  
Contact: ENVIRONMENTAL MANAGER  
(415) 652-1200

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)  
Toxic Chemical Release Inventory System (TRIS)

A3 Target Property DUNNE QUALITY PAINTS 1007 41ST ST OAKLAND, CA 94608 Cortese LUST S101293787 N/A

Site 3 of 6 in cluster A

State LUST:  
Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1827  
Reg Board: San Francisco Bay Region  
Chemical: V, M & P Naptha  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Soil only  
Status: Preliminary site assessment underway  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: Not reported Confirm Leak: Not reported  
Workplan: 1/2/1965 Prelim Assess: 1/2/1965  
Pollution Char: Not reported Remed Plan: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

DUNN QUALITY PAINTS (Continued)

S101323490

Case Number: 01S0112  
Reg Board: San Francisco Bay Region  
Chemical: Paint Thinner  
Lead Agency: Regional Board  
Local Agency: 01000  
Case Type: Other ground water affected  
Status: Case Closed  
County: Alameda  
Review Date: 1/25/1988  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 8/14/1989  
Release Date: 2/16/1988  
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: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
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: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: Not reported  
Stop Date: Not reported  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600191499  
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: 10451.410445244447410189614868  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:  
Region: 2

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**DUNN QUALITY PAINTS (Continued)**

S101323490

Facility Id: 01S0112  
 Entered Date: / /  
 Facility Status: Case Closed  
 Maximum Soil Concentration: 0  
 Maximum Groundwater Impact: 0  
 County: Alameda  
 Current Benzene: 0  
 MTBE Detected in GW: No  
 MTBE Detected in Soil: Not reported  
 MTBE: 0  
 MTBE Qualify: 0

**SLIC Region 2:**

Facility ID: 01S0112  
 Region: 2  
 Facility Status: Inactive Not reported  
 Staff: BG Not reported  
 Last Site Update: 01/24/19  
 NPL Status: Not an NPL site Discovery Date: Not reported  
 Case List: SLIC Imaged: No  
 Date Closed: Not reported Cost Recovery: No  
 Abate Method: Not reported Substance: Not reported  
 Case Type: TK Sample Date: Not reported  
 Contamination: Not reported  
 Lead: RWQCB  
 Contamination Level:  
 Number of Municipal Wells Contaminated by Site: 0  
 Number of Private Wells Contaminated by Site: 0  
 Soil Removal Action Taken/Needed: 0  
 Soil Removal or Contaminant Action Started:  
 Soil Removal or Contaminant Action Completed: 0  
 On-Site Groundwater Extraction or Containment is Needed: 0  
 On-Site Groundwater Extraction or Containment Started:  
 Off-Site Groundwater Extraction or Containment is Needed:  
 Off-Site Groundwater Extraction or Containment Started:  
 Length of Contamination Plume (Feet): 0  
 Depth of Contamination Plume (Feet): 0  
 Wells Closed Due To Contamination of Site:  
 Date of Wells Closure:  
 Nearest Public or Private Drinking Water Well (Feet): 0  
 Under Jurisdiction of Lead Agency Date:  
 Latitude/Longitude: 38 / -122  
 Flow Rate: 0  
 Flow Date:  
 Percent of Contaminants Contained: 0  
 Contaminant Type:  
 EPA ID:  
 Stages of Site Investigation Process Initiated:  
 Begun Characterization : Not reported  
 Completed Characterization : Not reported  
 Begun Remediation: Not reported  
 Completed Remediation: Not reported  
 Submitted Remediation Plan: Not reported  
 Approved Remediation Plan: Not reported  
 Begun Final Remedial Action: Not reported  
 Completed Final Remedial Action: Not reported  
 Facility Desc: UNDERGROUND TANKS  
 Comment: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**US COAST GUARD STATION (Continued)**

1000477304

Facility Type: 2	Other Type: PAINT MANUFACTURER
Facility ID: 679	
Tank Num: 2	Container Num: #2
Tank Capacity: 3000	Year Installed: Not reported
Tank Used for: PRODUCT	
Type of Fuel: Not Reported	Tank Construction: Not reported
Leak Detection: None	
Contact Name: R. T. MILLER	Telephone: (415) 652-1200
Total Tanks: 4	Region: STATE
Facility Type: 2	Other Type: PAINT MANUFACTURER

Facility ID: 679	Container Num: #3
Tank Num: 3	Year Installed: Not reported
Tank Capacity: 3000	
Tank Used for: PRODUCT	Tank Construction: Not reported
Type of Fuel: Not Reported	
Leak Detection: None	Telephone: (415) 652-1200
Contact Name: R. T. MILLER	Region: STATE
Total Tanks: 4	Other Type: PAINT MANUFACTURER
Facility Type: 2	

Facility ID: 679	Container Num: #4
Tank Num: 4	Year Installed: Not reported
Tank Capacity: 2000	
Tank Used for: PRODUCT	Tank Construction: Not reported
Type of Fuel: Not Reported	
Leak Detection: Stock Inventor	Telephone: (415) 652-1200
Contact Name: R. T. MILLER	Region: STATE
Total Tanks: 4	Other Type: PAINT MANUFACTURER
Facility Type: 2	

**UST San Francisco County:**

Facility ID: 608	Case Number: Not reported
Tank ID: Not reported	Tank Capacity: Not reported
Manufacturer: Not reported	Date Installed: Not reported
Other Interior Lining: Not reported	
Receive Date: 1/31/90 0:00:00	Close Date: Not reported
Owner Name: Not reported	
Certified Date: Not reported	
Flag: CLOSED	
Other Corrosion Protection: Not reported	
Drop Tube: Not reported	Dispenser: Not reported
Striker Plate: Not reported	
Contents A: Not reported	
Contents B: Not reported	
Contents C: Not reported	
Mailing Name: Not reported	
Mailing Address: Not reported	
Other Substance: Not reported	
Tank Construction Type: Not reported	
Tank Material: Not reported	
Interior Lining: Not reported	
Corrosion Protection: Not reported	
Spill Contamination Installed Date: Not reported	
Overfill Prevention Installed Date: Not reported	
Piping Type: Not reported	
Piping Aboveground: Not reported	



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**US COAST GUARD STATION (Continued)**

1000477304

Piping Underground: Not reported  
 Piping Construction: Not reported  
 Piping Construction Aboveground: Not reported  
 Piping Construction Underground: Not reported  
 Piping Material: Not reported  
 Other Piping Material: Not reported  
 Piping Material Aboveground: Not reported  
 Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filing: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

B7  
 East  
 < 1/8  
 254 ft.  
 Higher

**BOYSEN PAINT**  
 1001 41ST ST  
 EMERYVILLE, CA

Cortese S101306387  
 N/A

Site 1 of 4 in cluster B

CORTESE:  
 Reg Id: 01-0527  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

8  
 ESE  
 < 1/8  
 258 ft.  
 Higher

**PARK MERCED APARTMENTS**  
 405 SERRANO DRIVE  
 , CA

UST U003802981  
 N/A

UST San Francisco County:  
 Facility ID: 302 Case Number: Not reported  
 Tank ID: Not reported Tank Capacity: Not reported  
 Manufacturer: Not reported Date Installed: Not reported  
 Other Interior Lining: Not reported  
 Receive Date: 10/19/88 0:00:00 Close Date: Not reported  
 Owner Name: Not reported  
 Certified Date: Not reported  
 Flag: CLOSED  
 Other Corrosion Protection: Not reported  
 Drop Tube: Not reported  
 Striker Plate: Not reported Dispenser: Not reported  
 Contents A: Not reported  
 Contents B: Not reported  
 Contents C: Not reported  
 Mailing Name: Not reported  
 Mailing Address: Not reported  
 Other Substance: Not reported  
 Tank Construction Type: Not reported  
 Tank Material: Not reported  
 Interior Lining: Not reported  
 Corrosion Protection: Not reported  
 Spill Contamination Installed Date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARK MERCED APARTMENTS (Continued)**

U003802981

Overfill Prevention Installed Date: Not reported  
Piping Type: Not reported  
Piping Aboveground: Not reported  
Piping Underground: Not reported  
Piping Construction: Not reported  
Piping Construction Aboveground: Not reported  
Piping Construction Underground: Not reported  
Piping Material: Not reported  
Other Piping Material: Not reported  
Piping Material Aboveground: Not reported  
Piping Material Underground: Not reported  
Pipe Leak Detection: Not reported  
Estimated Last Date Used: Not reported  
Estimated Quantity Remaining: Not reported  
Inert Filling: Not reported  
Jurisdiction: Not reported  
Other Tank System: Not reported  
Other Tank Leak Detection: Not reported  
Other Pipe Leak Detection: Not reported  
Methanol Compatible: Not reported

C9  
WSW  
< 1/8  
286 ft.  
Higher

**KELLY MOORE PAINT COMPANY**  
4050 ADELIN STREET  
EMERYVILLE, CA 94608

HAZNET S103657803  
N/A

Site 1 of 4 in cluster C

HAZNET:

Gepaid: CAC000740664  
Tepaid: CAD000088252  
Gen County: 1  
Tsd County: Los Angeles  
Tons: 2.7522  
Category: Paint sludge  
Disposal Method: Transfer Station  
Contact: GARY JOHNSON  
Telephone: (510) 652-4970  
Mailing Address: 4050 ADELIN STREET  
EMERYVILLE, CA 94608  
County 1  
  
Gepaid: CAC000740664  
Tepaid: CAD000088252  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .2293  
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
Disposal Method: Transfer Station  
Contact: GARY JOHNSON  
Telephone: (510) 652-4970  
Mailing Address: 4050 ADELIN STREET  
EMERYVILLE, CA 94608  
County 1

B10  
ENE  
< 1/8  
319 ft.  
Higher

**BOYSEN PAINTS**  
42ND & LINDEN ST  
OAKLAND, CA 94608

RCRIS-SQG 1000379850  
FINDS CAD041321910

Site 2 of 4 in cluster B

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOYSEN PAINTS (Continued)**

1000379850

**RCRIS:**

Owner: GROW GROUP INC.  
 (415) 555-1212  
 EPA ID: CAD041321910  
 Contact: ENVIRONMENTAL MANAGER  
 (415) 653-9211

Classification: Small Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Facility Registry System (FRS)  
 Resource Conservation and Recovery Act Information system (RCRAINFO)

B11  
 East  
 < 1/8  
 325 ft.  
 Higher

**CALIFORNIA LINEN**  
 989 41ST ST  
 OAKLAND, CA 94601

HAZNET S102426128  
 Cortese N/A

Site 3 of 4 in cluster B

**HAZNET:**

Gepaid: CAC001365424  
 Tepaid: CAD982042475  
 Gen County: 1  
 Tsd County: Solano  
 Tons: 1.6856  
 Category: Asbestos-containing waste  
 Disposal Method: Disposal, Land Fill  
 Contact: CALIFORNIA LINEN  
 Telephone: (510) 653-6300  
 Mailing Address: 989 41ST ST  
 OAKLAND, CA 94601  
 County 1

**CORTESE:**

Reg Id: 01-0267  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

B12  
 East  
 < 1/8  
 325 ft.  
 Higher

989 41ST ST  
 OAKLAND, CA

LUST S105483166  
 N/A

Site 4 of 4 in cluster B

**LUST Alameda County:**

Region : ALAMEDA  
 Facility ID : RO0000337

C13  
 SW  
 < 1/8  
 343 ft.  
 Higher

1070 40TH ST  
 OAKLAND, CA 94608

CHMIRS S100217285  
 N/A

Site 2 of 4 in cluster C

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100217285

CHMIRS:  
OES Control Number: 8906340 DOT ID: Not reported  
DOT Hazard Class: Not Reported  
Chemical Name: CHEMICALS  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: Not reported  
Environmental Contamination: None Reported Property Use: Storage  
Incident Date: 23-MAY-89 Date Completed: 23-MAY-89  
Time Completed : 2111  
Physical State Stored : Not reported  
Physical State Released : Not reported  
Release Unit : Not reported  
Container Description : 2  
Container Type : Not reported  
Container Material : Not reported  
Level Of Container : Not reported  
Container Capacity : Not reported  
Container Capacity Units (code) : Not reported  
Extent Of Release (code) : 8  
Agency Id Number : 1075  
Agency Incident Number : 8914399  
OES Incident Number : 8906340  
Time Notified : 1211  
Surrounding Area : 400  
Estimated Temperature : 65  
Property Management : P  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : LT E. M. DICK  
Report Date : 23-MAY-89  
Comments : Not reported  
Facility Telephone Number : 415 444-3322

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

C14 FIDELITY ROOF CO  
 SW 1075 40TH ST  
 < 1/8 OAKLAND, CA 94608  
 352 ft.  
 Higher Site 3 of 4 in cluster C

RCRIS-SQG 1000593438  
 FINDS CAD982442873  
 UST  
 CA FID UST  
 HIST UST  
 HAZNET  
 Cortese  
 LUST

RCRIS:

Owner: MONTAGUE M UPSHAW  
 (415) 555-1212  
 EPA ID: CAD982442873  
 Contact: UPSHAW JOHN  
 (415) 547-6330  
 Classification: Small Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported  
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
 Facility Registry System (FRS)  
 Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street: YERBA BUENA AVE  
 Qty Leaked: Not reported  
 Case Number: 01-2301  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Other ground water affected  
 Status: Remedial action (cleanup) Underway  
 County: Alameda  
 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  
 Close Date: Not reported  
 Release Date: 10/11/1998  
 Cleanup Fund Id: Not reported  
 Discover Date: 12/19/1995  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 3/16/1998  
 Funding: Not reported  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Interim: Not reported  
 Leak Cause: Unknown  
 Leak Source: Tank  
 MTBE Date: 1/2/1965  
 Max MTBE GW: 800

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FIDELITY ROOF CO (Continued)

Database(s) EDR ID Number  
EPA ID Number

1000593438

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 3341  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 9/27/2001  
Stop Date: 12/19/1995  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102117  
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: 10660.72474926707154309935061  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2301  
Entered Date: 03/16/1998  
Facility Status: Remedial action (cleanup) Underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 800  
MTBE Qualify: Not reported

HAZNET:

Gepaid: CAD982442873  
Tepaid: CAT080031628  
Gen County: 1  
Tsd County: Kern  
Tons: .2919  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: MONTAGUE M UPSHAW  
Telephone: (415) 555-1212  
Mailing Address: 1075 40TH ST  
EMERYVILLE, CA 94608 - 3616  
County: 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FIDELITY ROOF CO (Continued)

1000593438

Gepaid: CAD982442873  
Tepaid: CAD044429835  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .0834  
Category: Waste oil and mixed oil  
Disposal Method: Treatment, Tank  
Contact: MONTAGUE M UPSHAW  
Telephone: (415) 555-1212  
Mailing Address: 1075 40TH ST  
EMERYVILLE, CA 94608 - 3616  
County 1

Gepaid: CAL000080638  
Tepaid: CAD004771168  
Gen County: 1  
Tsd County: San Francisco  
Tons: .7500  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: UPSHAW MONTE  
Telephone: (000) 000-0000  
Mailing Address: 1075 40TH ST  
EMERYVILLE, CA 94608 - 3616  
County 1

Gepaid: CAC002192865  
Tepaid: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: .1750  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: MONTAGUE M UPSHAW  
Telephone: (510) 547-6330  
Mailing Address: 1075 40TH ST  
OAKLAND, CA 94608  
County 1

Gepaid: CAC002192865  
Tepaid: CAL000161743  
Gen County: 1  
Tsd County: Santa Clara  
Tons: 1.9807  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: MONTAGUE M UPSHAW  
Telephone: (510) 547-6330  
Mailing Address: 1075 40TH ST  
OAKLAND, CA 94608  
County 1

CORTESE:  
Reg Id: 01-2301  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FIDELITY ROOF CO (Continued)

1000593438

FID:

Facility ID: 01002739 Regulate ID: 00053633  
Reg By: Active Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Active Facility Tel: (415) 547-6330  
Mail To: Not reported  
1075 040TH ST  
OAKLAND, CA 94608  
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: 53633  
Tank Num: 1 Container Num: 1  
Tank Capacity: 0 Year Installed: Not reported  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR Tank Construction: Not reported  
Leak Detection: None  
Contact Name: GARLAND CHAMBERS Telephone: (415) 547-6330  
Total Tanks: 1 Region: STATE  
Facility Type: 2 Other Type: ROOFING COMPANY

UST San Francisco County:

Facility ID: 3341 Case Number: Not reported  
Tank ID: Not reported Tank Capacity: Not reported  
Manufacturer: Not reported Date Installed: Not reported  
Other Interior Lining: Not reported  
Receive Date: 7/8/98 0:00:00 Close Date: Not reported  
Owner Name: Not reported  
Certified Date: 5/28/99 0:00:00  
Flag: CLOSED  
Other Corrosion Protection: Not reported  
Drop Tube: Not reported  
Striker Plate: Not reported Dispenser: Not reported  
Contents A: Not reported  
Contents B: Not reported  
Contents C: Not reported  
Mailing Name: Not reported  
Mailing Address: Not reported  
Other Substance: Not reported  
Tank Construction Type: Not reported  
Tank Material: Not reported  
Interior Lining: Not reported  
Corrosion Protection: Not reported  
Spill Contamination Installed Date: Not reported  
Overfill Prevention Installed Date: Not reported  
Piping Type: Not reported  
Piping Aboveground: Not reported  
Piping Underground: Not reported  
Piping Construction: Not reported  
Piping Construction Aboveground: Not reported  
Piping Construction Underground: Not reported  
Piping Material: Not reported  
Other Piping Material: Not reported  
Piping Material Aboveground: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FIDELITY ROOF CO (Continued)**

1000593438

Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filing: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

C15  
 SW  
 < 1/8  
 356 ft  
 Higher

**NATIONAL UPHOLSTERING COMPANY**  
 4000 ADELINE ST  
 EMERYVILLE, CA 94608

HAZNET S100616086  
 N/A

Site 4 of 4 in cluster C

HAZNET:

Gepaid: CAL000020419  
 Tepaid: CAD009452657  
 Gen County: 1  
 Tsd County: San Mateo  
 Tons: 0.4586  
 Category: Unspecified solvent mixture Waste  
 Disposal Method: Recycler  
 Contact: SILVA FRANK M  
 Telephone: (415) 653-8915  
 Mailing Address: PO BOX 8423  
 EMERYVILLE, CA 94662 - 0423  
 County 1

Gepaid: CAL000020419  
 Tepaid: CAD009452657  
 Gen County: 1  
 Tsd County: San Mateo  
 Tons: .4586  
 Category: Unspecified solvent mixture Waste  
 Disposal Method: Recycler  
 Contact: SILVA FRANK M  
 Telephone: (415) 653-8915  
 Mailing Address: PO BOX 8423  
 EMERYVILLE, CA 94662 - 0423  
 County 1

Gepaid: CAL000020419  
 Tepaid: CAD009452657  
 Gen County: 1  
 Tsd County: San Mateo  
 Tons: .2293  
 Category: Unspecified solvent mixture Waste  
 Disposal Method: Disposal, Other  
 Contact: SILVA FRANK M  
 Telephone: (415) 653-8915  
 Mailing Address: PO BOX 8423  
 EMERYVILLE, CA 94662 - 0423  
 County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

NATIONAL UPHOLSTERING COMPANY (Continued)

S100616086

Gepaid: CAL000020419  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .2293  
Category: Unspecified solvent mixture Waste  
Disposal Method: Recycler  
Contact: SILVA FRANK M  
Telephone: (415) 653-8915  
Mailing Address: PO BOX 8423  
EMERYVILLE, CA 94662 - 0423  
County 1  
Gepaid: CAL000020419  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .3544  
Category: Unspecified solvent mixture Waste  
Disposal Method: Recycler  
Contact: SILVA FRANK M  
Telephone: (415) 653-8915  
Mailing Address: PO BOX 8423  
EMERYVILLE, CA 94662 - 0423  
County 1

16  
SE  
< 1/8  
402 ft.  
Higher

OAKLAND HOUSING AUTHORITY  
950 40TH ST.  
OAKLAND, CA 94609

HAZNET S102798717  
N/A

HAZNET:  
Gepaid: CAC000937392  
Tepaid: CAD981382732  
Gen County: 1  
Tsd County: 1  
Tons: 53.9392  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 2525 EAST 12TH ST.  
OAKLAND, CA 94601  
County 1

D17  
NE  
< 1/8  
420 ft.  
Higher

1001 42ND ST  
OAKLAND, CA

LUST S105483000  
N/A

Site 1 of 7 in cluster D

LUST Alameda County:  
Region : ALAMEDA  
Facility ID : RO0000079

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

D18 ALAN ZATOPA  
NE 1000 42ND ST  
< 1/8 OAKLAND, CA 94621  
420 ft.  
Higher Site 2 of 7 in cluster D

HAZNET S105085551  
N/A

HAZNET:  
Gepaid: CAC002248881  
Tepaid: CAD981382732  
Gen County: 1  
Tsd County: 1  
Tons: 3.3712  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: ALAN ZATOPA  
Telephone: (650) 342-0660  
Mailing Address: 2900 RALSTON AVE  
HILLSBOROUGH, CA 94010  
County 1

D19 BOYSEN PAINT  
NE 1001 42ND ST  
< 1/8 OAKLAND, CA 94608  
420 ft.  
Higher Site 3 of 7 in cluster D

LUST S105181139  
N/A

State LUST:  
Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 01-0527  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Other ground water affected  
Status: Preliminary site assessment workplan submitted  
County: Alameda  
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  
Close Date: Not reported  
Release Date: 7/13/1992  
Cleanup Fund Id : Not reported  
Discover Date : 7/13/1992  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 10/6/1992  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 # : 01-0527

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BOYSEN PAINT (Continued)

S105181139

Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 9/29/1992  
Stop Date: 7/13/1992  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100481  
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: 8791.581077819445306019808322  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

D20  
NE  
< 1/8  
420 ft.  
Higher

OAKLAND NATIONAL ENGRAVER  
1001 42ND  
OAKLAND, CA 94608

Cortese S101293788  
LUST N/A

Site 4 of 7 in cluster D

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1791  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Other ground water affected  
Status: Preliminary site assessment underway  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: Not reported  
Workplan: 3/18/1998  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 4/4/1988  
Cleanup Fund Id: Not reported  
Discover Date: 4/4/1988  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 6/16/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: No

Confirm Leak: Not reported  
Prelim Assess: 3/18/1998  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OAKLAND NATIONAL ENGRAVER (Continued)

S101293788

Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date : 12/10/1998  
Max MTBE GW : 250  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 805  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : <  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 9/19/2000  
Stop Date : 4/4/1988  
Work Suspended   
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101659  
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: 9021.88649632433767694 1649379  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

CORTESE:

Reg Id: 01-1791  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

D21  
NE  
< 1/8  
420 ft.  
Higher

ONE COLOR COMMUNICATIONS LLC  
1001 42ND STREET  
OAKLAND, CA 94608

HAZNET S103619902  
N/A

Site 5 of 7 in cluster D

HAZNET:

Gepaid: CAD009185307  
Tepaid: CAD003963592  
Gen County: 1  
Tsd County: Santa Clara  
Tons: .7721  
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: Recycler  
Contact: STEVE KOZEL PRESIDENT  
Telephone: (510) 652-9005  
Mailing Address: PO BOX 8277  
EMERYVILLE, CA 94662 - 0277  
County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ONE COLOR COMMUNICATIONS LLC (Continued)

S103619902

Gepaid: CAD009185307  
Tepaid: CAD008488025  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .5837  
Category: Liquids with pH <UN-> 2 with metals  
Disposal Method: Treatment, Tank  
Contact: STEVE KOZEL PRESIDENT  
Telephone: (510) 652-9005  
Mailing Address: PO BOX 8277  
EMERYVILLE, CA 94662 - 0277  
County 1

Gepaid: CAD009185307  
Tepaid: CAD044429835  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .1600  
Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Recycler  
Contact: STEVE KOZEL PRESIDENT  
Telephone: (510) 652-9005  
Mailing Address: PO BOX 8277  
EMERYVILLE, CA 94662 - 0277  
County 1

Gepaid: CAD009185307  
Tepaid: CAD070148432  
Gen County: 1  
Tsd County: 1  
Tons: .0834  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Treatment, Incineration  
Contact: STEVE KOZEL PRESIDENT  
Telephone: (510) 652-9005  
Mailing Address: PO BOX 8277  
EMERYVILLE, CA 94662 - 0277  
County 1

Gepaid: CAD009185307  
Tepaid: CAD059494310  
Gen County: 1  
Tsd County: Santa Clara  
Tons: .2293  
Category: Off-specification, aged, or surplus organics  
Disposal Method: Transfer Station  
Contact: STEVE KOZEL PRESIDENT  
Telephone: (510) 652-9005  
Mailing Address: PO BOX 8277  
EMERYVILLE, CA 94662 - 0277  
County 1

The CA HAZNET database contains 27 additional records for this site.  
Please contact your EDR Account Executive for more information.

D22 WELLS FARGO BANK  
NE 420 MONTGOMERY STREET  
< 1/8 , CA  
420 ft.  
Higher Site 6 of 7 in cluster D

UST U003802943  
N/A

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WELLS FARGO BANK (Continued)**

U003802943

UST San Francisco County:

Facility ID:	805	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Manufacturer:	Not reported	Date Installed:	Not reported
Other Interior Lining:	Not reported		
Receive Date:	1/28/91 0:00:00	Close Date:	4/23/91 0:00:00
Owner Name:	Not reported		
Certified Date:	Not reported		
Flag:	CLOSED		
Other Corrosion Protection:	Not reported		
Drop Tube:	Not reported	Dispenser:	Not reported
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Name:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		
Piping Type:	Not reported		
Piping Aboveground:	Not reported		
Piping Underground:	Not reported		
Piping Construction:	Not reported		
Piping Construction Aboveground:	Not reported		
Piping Construction Underground:	Not reported		
Piping Material:	Not reported		
Other Piping Material:	Not reported		
Piping Material Aboveground:	Not reported		
Piping Material Underground:	Not reported		
Pipe Leak Detection:	Not reported		
Estimated Last Date Used:	Not reported		
Estimated Quantity Remaining:	Not reported		
Inert Filling:	Not reported		
Jurisdiction:	Not reported		
Other Tank System:	Not reported		
Other Tank Leak Detection:	Not reported		
Other Pipe Leak Detection:	Not reported		
Methanol Compatible:	Not reported		

D23  
 NE  
 < 1/8  
 420 ft.  
 Higher

**OAKLAND NATIONAL ENGRAVING**  
 1001 42ND ST  
 OAKLAND, CA 94607

CA SLIC S100856774  
 LUST N/A

Site 7 of 7 in cluster D

State LUST:

Cross Street: Not reported  
 Qty Leaked: 0  
 Case Number: 01S0137  
 Reg Board: San Francisco Bay Region  
 Chemical: Diesel  
 Lead Agency: Regional Board  
 Local Agency: 01000

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OAKLAND NATIONAL ENGRAVING (Continued)

S100856774

Case Type: Other ground water affected  
Status: Leak being confirmed  
County: Alameda  
Review Date: 10/24/1988  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 3/26/1988  
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: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
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 : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : Not reported  
Stop Date : Not reported  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600191501  
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: 9069.297072453337967706658586  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01S0137  
Entered Date: / /  
Facility Status: Leak being confirmed  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**OAKLAND NATIONAL ENGRAVING (Continued)**

S100856774

County : Alameda  
 Current Benzene: 0  
 MTBE Detected in GW: No  
 MTBE Detected in Soil: Not reported  
 MTBE: 0  
 MTBE Qualify: 0

SLIC Region 2:

Facility ID: 01S0137  
 Region: 2  
 Facility Status: Inactive Not reported  
 Staff: BG Not reported  
 Last Site Update: 09/17/19  
 NPL Status: Not an NPL site Discovery Date: Not reported  
 Case List: SLIC Imaged: No  
 Date Closed: Not reported Cost Recovery: No  
 Abate Method: Not reported Substance: Not reported  
 Case Type: TK Sample Date: Not reported  
 Contamination: Not reported  
 Lead: RWQCB

Contamination Level:

Number of Municipal Wells Contaminated by Site: 0  
 Number of Private Wells Contaminated by Site: 0  
 Soil Removal Action Taken/Needed: 0  
 Soil Removal or Contaminant Action Started:  
 Soil Removal or Contaminant Action Completed: 0  
 On-Site Groundwater Extraction or Containment is Needed: 0  
 On-Site Groundwater Extraction or Containment Started:  
 Off-Site Groundwater Extraction or Containment is Needed:  
 Off-Site Groundwater Extraction or Containment Started:  
 Length of Contamination Plume (Feet): 0  
 Depth of Contamination Plume (Feet): 0  
 Wells Closed Due To Contamination of Site:  
 Date of Wells Closure:  
 Nearest Public or Private Drinking Water Well (Feet): 0  
 Under Jurisdiction of Lead Agency Date:  
 Latitude/Longitude: 38 / -122  
 Flow Rate: 0  
 Flow Date:  
 Percent of Contaminants Contained: 0  
 Contaminant Type:  
 EPA ID:  
 Stages of Site Investigation Process Initiated:  
 Begun Characterization : Not reported  
 Completed Characterization : Not reported  
 Begun Remediation: Not reported  
 Completed Remediation: Not reported  
 Submitted Remediation Plan: Not reported  
 Approved Remediation Plan: Not reported  
 Begun Final Remedial Action: Not reported  
 Completed Final Remedial Action: Not reported  
 Facility Desc: Not reported  
 Comment: Not reported

E24  
 West  
 < 1/8  
 511 ft.  
 Higher

**ANNA YATES ELEMENTARY SCHOOL**  
 1070 41ST ST  
 EMERYVILLE, CA 94608

HAZNET S103950281  
 N/A

Site 1 of 2 in cluster E

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

ANNA YATES ELEMENTARY SCHOOL (Continued)

S103950281

HAZNET:  
Gepaid: CAC001501720  
Tepaid: CAL000027741  
Gen County: 1  
Tsd County: 5  
Tons: 15.1704  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: EMERYVILLE SCHOOL DISTRICT  
Telephone: (510) 655-6939  
Mailing Address: 4727 SAN PABLO AVE  
EMERYVILLE, CA 94608  
County 1

E25  
West  
< 1/8  
511 ft.  
Higher

EUSD/ANNA YATES ELEMENTARY SCHOOL  
1070 41ST ST  
EMERYVILLE, CA 94608  
Site 2 of 2 in cluster E

HAZNET S104569624  
N/A

HAZNET:  
Gepaid: CAC002112736  
Tepaid: CAD981382732  
Gen County: 1  
Tsd County: 1  
Tons: 1.0535  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: EMERYVILLE USD  
Telephone: (000) 000-0000  
Mailing Address: 4727 SAN PABLO AVE  
EMERYVILLE, CA 94608  
County 1

F26  
NE  
1/8-1/4  
670 ft.  
Higher

CINDER BLOCK INC  
1000 43RD ST  
OAKLAND, CA 94608  
Site 1 of 2 in cluster F

HAZNET S100938018  
N/A

HAZNET:  
Gepaid: CAL912564124  
Tepaid: CAD070148432  
Gen County: 1  
Tsd County: 1  
Tons: .1251  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Treatment, Incineration  
Contact: K/P COMPANIES  
Telephone: (510) 843-8433  
Mailing Address: 2550 SHATTUCK AVE FL 2  
BERKELEY, CA 94704 - 2760  
County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CINDER BLOCK INC (Continued)

S100938018

Gepaid: CAL912564124  
Tepaid: CAT000613976  
Gen County: 1  
Tsd County: Orange  
Tons: .0000  
Category:  
Disposal Method: Transfer Station  
Contact: K/P COMPANIES  
Telephone: (510) 843-8433  
Mailing Address: 2550 SHATTUCK AVE FL 2  
BERKELEY, CA 94704 - 2760  
County 1

Gepaid: CAL912564124  
Tepaid: CAT000613976  
Gen County: 1  
Tsd County: Orange  
Tons: .1668  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Transfer Station  
Contact: K/P COMPANIES  
Telephone: (510) 843-8433  
Mailing Address: 2550 SHATTUCK AVE FL 2  
BERKELEY, CA 94704 - 2760  
County 1

Gepaid: CAL000191634  
Tepaid: CAD053044053  
Gen County: 1  
Tsd County: 1  
Tons: .1251  
Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
Disposal Method: Transfer Station  
Contact: CINDER BLOCK INC  
Telephone: (000) 000-0000  
Mailing Address: 1000 43RD ST  
OAKLAND, CA 94608  
County 1

Gepaid: CAL912564124  
Tepaid: CAD070148432  
Gen County: 1  
Tsd County: 1  
Tons: .2117  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Treatment, Incineration  
Contact: K/P COMPANIES  
Telephone: (510) 843-8433  
Mailing Address: 2550 SHATTUCK AVE FL 2  
BERKELEY, CA 94704 - 2760  
County 1

The CA HAZNET database contains 2 additional records for this site.  
Please contact your EDR Account Executive for more information.

F27 K P CORPORATION OAKLAND  
NE 1000 43RD ST  
1/8-1/4 OAKLAND, CA 94608  
670 ft.  
Higher Site 2 of 2 in cluster F

RCRIS-SQG 1001122811  
FINDS CAR000016493  
HAZNET

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

K P CORPORATION OAKLAND (Continued)

1001122811

RCRIS:

Owner: K P CORP BERKLEY  
(510) 843-8433  
EPA ID: CAR000016493  
Contact: KILIAN RENSCHLER  
(510) 547-7711  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSD Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAR000016493  
Tepaid: CAT000613976  
Gen County: 1  
Tsd County: Orange  
Tons: .0417  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Transfer Station  
Contact: KP CORPORATION  
Telephone: (925) 543-5200  
Mailing Address: 1000 43RD ST  
OAKLAND, CA 94608 - 3623  
County 1  
Gepaid: CAR000016493  
Tepaid: CAT000613976  
Gen County: 1  
Tsd County: Orange  
Tons: .0417  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Not reported  
Contact: KP CORPORATION  
Telephone: (925) 543-5200  
Mailing Address: 1000 43RD ST  
OAKLAND, CA 94608 - 3623  
County 1  
Gepaid: CAR000016493  
Tepaid: CA0000084517  
Gen County: 1  
Tsd County: Sacramento  
Tons: .0834  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Transfer Station  
Contact: KP CORPORATION  
Telephone: (925) 543-5200  
Mailing Address: 1000 43RD ST  
OAKLAND, CA 94608 - 3623  
County 1

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
 \_\_\_\_\_ EPA ID Number

**K P CORPORATION OAKLAND (Continued)**

1001122811

Gepaid: CAR000016493  
 Tepaid: CAT000613976  
 Gen County: 1  
 Tsd County: Orange  
 Tons: .0625  
 Category: Photochemicals/photoprocessing waste  
 Disposal Method: Transfer Station  
 Contact: KP CORPORATION  
 Telephone: (925) 543-5200  
 Mailing Address: 1000 43RD ST  
 OAKLAND, CA 94608 - 3623  
 County 1

Gepaid: CAR000016493  
 Tepaid: CA0000084517  
 Gen County: 1  
 Tsd County: Sacramento  
 Tons: .0208  
 Category: Photochemicals/photoprocessing waste  
 Disposal Method: Transfer Station  
 Contact: KP CORPORATION  
 Telephone: (925) 543-5200  
 Mailing Address: 1000 43RD ST  
 OAKLAND, CA 94608 - 3623  
 County 1

G28  
 NW  
 1/8-1/4  
 738 ft.  
 Higher

**EMERYVILLE VETERANS**  
 4321 SALEM ST  
 EMERYVILLE, CA 94608  
 Site 1 of 3 in cluster G

CA FID UST S101580310  
 N/A

FID:  
 Facility ID: 01002480 Regulate ID: Not reported  
 Reg By: Active Underground Storage Tank Location  
 Cortese Code: Not reported SIC Code: Not reported  
 Status: Active Facility Tel: Not reported  
 Mail To: Not reported  
 4400 MACARTHUR BLVD  
 EMERYVILLE, CA 94608  
 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

G29  
 NW  
 1/8-1/4  
 738 ft.  
 Higher

**CITY EMERYVILLE REDEVELOPMENT AGENCY**  
 4321 SALEM ST  
 EMERYVILLE, CA 94608  
 Site 2 of 3 in cluster G

HAZNET S103659332  
 N/A

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CITY EMERYVILLE REDEVELOPMENT AGENCY (Continued)**

**S103659332**

**HAZNET:**

Gepaid: CAC001108024  
 Tepaid: CAD982042475  
 Gen County: 1  
 Tsd County: Solano  
 Tons: 73.3236  
 Category: Asbestos-containing waste  
 Disposal Method: Disposal, Land Fill  
 Contact: AMY HIESTAND  
 Telephone: (510) 596-4354  
 Mailing Address: 2200 POWELL ST  
 EMERYVILLE, CA 94608  
 County 1

Gepaid: CAC001108024  
 Tepaid: CAL000027741  
 Gen County: 1  
 Tsd County: 5  
 Tons: 1.2642  
 Category: Asbestos-containing waste  
 Disposal Method: Disposal, Land Fill  
 Contact: AMY HIESTAND  
 Telephone: (510) 596-4354  
 Mailing Address: 2200 POWELL ST  
 EMERYVILLE, CA 94608  
 County 1

Gepaid: CAC001108024  
 Tepaid: NVT330010000  
 Gen County: 1  
 Tsd County: 99  
 Tons: 20.0000  
 Category:  
 Disposal Method: Not reported  
 Contact: AMY HIESTAND  
 Telephone: (510) 596-4354  
 Mailing Address: 2200 POWELL ST  
 EMERYVILLE, CA 94608  
 County 1

**G30  
 NW  
 1/8-1/4  
 738 ft.  
 Higher**

**1095 MARKET STREET, L.L.C.  
 1095 MARKET STREET, L.L.C.  
 , CA**

**UST U003713768  
 N/A**

**Site 3 of 3 in cluster G**

**UST San Francisco County:**

Facility ID:	4146	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Manufacturer:	Not reported	Date Installed:	Not reported
Other Interior Lining:	Not reported		
Receive Date:	6/14/01 0:00:00	Close Date:	7/10/01 0:00:00
Owner Name:	Not reported		
Certified Date:	Not reported		
Flag:	CLOSED		
Other Corrosion Protection:	Not reported		
Drop Tube:	Not reported		
Striker Plate:	Not reported	Dispenser:	Not reported
Contents A:	Not reported		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**1095 MARKET STREET, L.L.C. (Continued)**

U003713768

Contents B: Not reported  
 Contents C: Not reported  
 Mailing Name: Not reported  
 Mailing Address: Not reported  
 Other Substance: Not reported  
 Tank Construction Type: Not reported  
 Tank Material: Not reported  
 Interior Lining: Not reported  
 Corrosion Protection: Not reported  
 Spill Contamination Installed Date: Not reported  
 Overfill Prevention Installed Date: Not reported  
 Piping Type: Not reported  
 Piping Aboveground: Not reported  
 Piping Underground: Not reported  
 Piping Construction: Not reported  
 Piping Construction Aboveground: Not reported  
 Piping Construction Underground: Not reported  
 Piping Material: Not reported  
 Other Piping Material: Not reported  
 Piping Material Aboveground: Not reported  
 Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filing: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

31  
 SSW  
 1/8-1/4  
 766 ft.  
 Higher

**1X BAY COUNTIES SERVICE STATION MAINT**  
**1096 YERBA BUENA AVENUE**  
**EMERYVILLE, CA 94608**

HAZNET S100925674  
 N/A

HAZNET:

Gepaid: CAC000646728  
 Tepaid: CAT080010101  
 Gen County: 1  
 Tsd County: San Diego  
 Tons: .3000  
 Category: Unspecified oil-containing waste  
 Disposal Method: Transfer Station  
 Contact: CORPORATION  
 Telephone: (000) 000-0000  
 Mailing Address: 1096 YERBA BUENA AVENUE  
 EMERYVILLE, CA 94608  
 County 1

H32  
 WSW  
 1/8-1/4  
 840 ft.  
 Higher

**RESIDENCE**  
**795 25TH AVENUE**  
**, CA**  
 Site 1 of 5 in cluster H  
 LUST Region 2:

UST U003659365  
 LUST N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

RESIDENCE (Continued)

U003659365

Region: 2  
Facility Id: 01-0190  
Entered Date: 07/13/1985  
Facility Status: Leak being confirmed  
Maximum Soil Concentration: 54  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Yes  
MTBE: 0  
MTBE Qualify: Not reported

UST San Francisco County:

Facility ID:	1754	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Manufacturer:	Not reported	Date Installed:	Not reported
Other Interior Lining:	Not reported	Close Date:	7/22/94 0:00:00
Receive Date:	7/11/94 0:00:00	Dispenser:	Not reported
Owner Name:	Not reported		
Certified Date:	8/19/94 0:00:00		
Flag:	CLOSED		
Other Corrosion Protection:	Not reported		
Drop Tube:	Not reported		
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Name:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		
Piping Type:	Not reported		
Piping Aboveground:	Not reported		
Piping Underground:	Not reported		
Piping Construction:	Not reported		
Piping Construction Aboveground:	Not reported		
Piping Construction Underground:	Not reported		
Piping Material:	Not reported		
Other Piping Material:	Not reported		
Piping Material Aboveground:	Not reported		
Piping Material Underground:	Not reported		
Pipe Leak Detection:	Not reported		
Estimated Last Date Used:	Not reported		
Estimated Quantity Remaining:	Not reported		
Inert Filling:	Not reported		
Jurisdiction:	Not reported		
Other Tank System:	Not reported		
Other Tank Leak Detection:	Not reported		
Other Pipe Leak Detection:	Not reported		
Methanol Compatible:	Not reported		



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

H33 BERKELEY FARMS  
 WSW 4550 SAN PABLO AVE  
 1/8-1/4 EMERYVILLE, CA 94608  
 840 ft.  
 Higher Site 2 of 5 in cluster H

FTTS 1004624087  
 LUST N/A

FTTS:

Case Number: Not reported  
 Docket Number: EPCRA09-98-0008  
 Complaint Issued: 09/29/98  
 Complaint Closed: 06/01/99  
 Abatement Amount: 06/01/99  
 Proposed Penalty: 42953  
 Final Assessment: 7517  
 Final Order Date: 0  
 Close Date: 06/01/99  
 Violation: EPCRA, Nonreporting/Failure to RPT to EPA

FTTS Insp:

Region: 09  
 Inspected Date: 09/24/97  
 Insp Number: 09/24/97  
 Violation occurred: Yes  
 Inspector: BKERSTAN  
 Investigation Type: EPCRA, Enforcement, SEE Conducted  
 Facility Function: Processor  
 Investig Reason: Neutral Scheme, Region  
 Legislation Code: EPCRA

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0190  
 Reg Board: San Francisco Bay Region  
 Chemical: Misc. Motor Vehicle Fuels  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Other ground water affected  
 Status: Leak being confirmed  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: 7/13/1985  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 7/13/1985  
 Cleanup Fund Id: Not reported  
 Discover Date: 7/13/1985  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 7/13/1985  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Interim: No  
 Leak Cause: Structure Failure  
 Leak Source: Tank  
 MTBE Date: 1/2/1985

Confirm Leak: 7/13/1985  
 Prelim Assess: Not reported  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BERKELEY FARMS (Continued)**

1004624087

Max MTBE GW : 1  
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
 Priority: Not reported  
 Local Case # : 01-0190  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : <  
 Max MTBE Soil : 1  
 Soil Qualifies : <  
 Hydr Basin #: Not reported  
 Operator : Not reported  
 Oversight Prgm: Local Oversight Program UST  
 Oversight Prgm : LOP  
 Review Date : 3/27/2001  
 Stop Date : 7/13/1985  
 Work Suspended N  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600100177  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 2  
 Mtbe Fuel: 0  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To Lust: 9964.520644723001352366173027  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported

H34 BERKELEY FARMS  
 WSW 47TH & SAN PABLO  
 1/8-1/4 OAKLAND, CA 94608  
 840 ft.  
 Higher Site 3 of 5 in cluster H

RCRIS-SQG 1000268543  
 FINDS CAD981971682  
 CA FID UST  
 HIST UST  
 HAZNET  
 Cortese  
 LUST

**RCRIS:**

Owner: BERKELEY FARMS  
 (415) 555-1212  
 EPA ID: CAD981971682  
 Contact: ENVIRONMENTAL MANAGER  
 (415) 831-0177

Classification: Small Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Enforcement Docket System (DOCKET)  
 Facility Registry System (FRS)  
 National Compliance Database (NCDB)  
 Resource Conservation and Recovery Act Information system (RCRAINFO)  
 Toxic Chemical Release Inventory System (TRIS)

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BERKELEY FARMS (Continued)

1000268543

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000248

HAZNET:

Gepaid: CAD981971682  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .1000  
Category: Other organic solids  
Disposal Method: Recycler  
Contact: BERKELEY FARMS CO  
Telephone: (510) 256-8696  
Mailing Address: 25500 CLAWITER RD  
HAYWARD, CA 94545 - 5331  
County 1

Gepaid: CAD981971682  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .8340  
Category: Unspecified organic liquid mixture  
Disposal Method: Recycler  
Contact: BERKELEY FARMS CO  
Telephone: (510) 256-8696  
Mailing Address: 25500 CLAWITER RD  
HAYWARD, CA 94545 - 5331  
County 1

Gepaid: CAD981971682  
Tepaid: CAD083166728  
Gen County: 1  
Tsd County: Stanislaus  
Tons: 3.8572  
Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Contact: BERKELEY FARMS CO  
Telephone: (510) 256-8696  
Mailing Address: 25500 CLAWITER RD  
HAYWARD, CA 94545 - 5331  
County 1

Gepaid: CAD981971682  
Tepaid: CAD053044053  
Gen County: 1  
Tsd County: 1  
Tons: .9837  
Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Transfer Station  
Contact: BERKELEY FARMS CO  
Telephone: (510) 256-8696  
Mailing Address: 25500 CLAWITER RD  
HAYWARD, CA 94545 - 5331  
County 1

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BERKELEY FARMS (Continued)**

1000268543

Gepaid: CAD981971682  
 Tepaid: CAD981887570  
 Gen County: 1  
 Tsd County: 0  
 Tons: 2.2518  
 Category: Unspecified oil-containing waste  
 Disposal Method: Transfer Station  
 Contact: BERKELEY FARMS CO  
 Telephone: (510) 256-8696  
 Mailing Address: 25500 CLAWITER RD  
 HAYWARD, CA 94545 - 5331  
 County 1

The CA HAZNET database contains 37 additional records for this site.  
 Please contact your EDR Account Executive for more information.

**CORTESE:**

Reg Id: 01-0190  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

**FID:**

Facility ID:	01000310	Regulate ID:	00001372
Reg By:	Active Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(415) 420-5600
Status:	Active		
Mail To:	Not reported		
	1211 NEWELL AVE		
	EMERYVILLE, CA 94608		
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:	1372	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	10000		
Tank Used for:	PRODUCT	Tank Construction:	Not reported
Type of Fuel:	REGULAR		
Leak Detection:	Stock Inventor	Telephone:	(415) 652-9924
Contact Name:	Not reported	Region:	STATE
Total Tanks:	2	Other Type:	DAIRY MFG.
Facility Type:	2		
Facility ID:	1372	Container Num:	2
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	10000		
Tank Used for:	PRODUCT	Tank Construction:	Not reported
Type of Fuel:	DIESEL		
Leak Detection:	Stock Inventor	Telephone:	(415) 652-9924
Contact Name:	Not reported	Region:	STATE
Total Tanks:	2	Other Type:	DAIRY MFG.
Facility Type:	2		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

I35  
 WSW  
 1/8-1/4  
 852 ft.  
 Higher

4575 SAN PABLO AVE  
 EMERYVILLE, CA

Site 1 of 2 in cluster I

LUST Alameda County:  
 Region : ALAMEDA  
 Facility ID : RO0000245

LUST S105483108  
 N/A

I36  
 WSW  
 1/8-1/4  
 852 ft.  
 Higher

BERKELEY FARMS TRUCK SHOP  
 4575 SAN PABLO  
 EMERYVILLE, CA 94608

Site 2 of 2 in cluster I

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-2259  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants  
 Review Date: Not reported  
 Workplan: 1/2/1965  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 11/24/1997  
 Cleanup Fund Id : Not reported  
 Discover Date : 10/24/1997  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 12/17/1997  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Other Means  
 How Stopped: Other Means  
 Interim : Yes  
 Leak Cause: Unknown  
 Leak Source: Unknown  
 MTBE Date : 1/2/1965  
 Max MTBE GW : 69  
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
 Priority: Not reported  
 Local Case # : 6558  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifies : Not reported  
 Hydr Basin #: Not reported  
 Operator : Not reported  
 Oversight Prgm: Local Oversight Program UST

Cortese S102859750  
 LUST N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BERKELEY FARMS TRUCK SHOP (Continued)

S102859750

Oversight Prgm : LOP  
Review Date : 1/21/2000  
Stop Date : 10/24/1997  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600102075  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mtba Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 9240.950252912921542412070814  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2259  
Entered Date: 12/17/1997  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 105000  
County : Alameda  
Current Benzene: 2200  
MTBE Detected in GW: 105000  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: 69

CORTESE:

Reg Id: 01-2259  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

H37  
SW  
1/8-1/4  
918 ft.  
Higher

EMERYVILLE SERVICE STATION  
4501 SAN PABLO AVE  
EMERYVILLE, CA 94662

HIST UST U001599557  
N/A

Site 4 of 5 in cluster H

UST HIST:

Facility ID:	1371	Container Num:	3
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	10000	Tank Construction:	Not reported
Tank Used for:	Not Reported	Telephone:	(415) 652-9924
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	None	Other Type:	DAIRY MFG.
Contact Name:	NORM ALBERTS		
Total Tanks:	3		
Facility Type:	2		
Facility ID:	1371	Container Num:	1
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	10000	Tank Construction:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 652-9924
Type of Fuel:	UNLEADED		
Leak Detection:	Stock Inventor		
Contact Name:	NORM ALBERTS		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

**EMERYVILLE SERVICE STATION (Continued)**

U001599557

Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	DAIRY MFG.
Facility ID:	1371		
Tank Num:	3	Container Num:	2
Tank Capacity:	10000	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	None		
Contact Name:	NORM ALBERTS	Telephone:	(415) 652-9924
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	DAIRY MFG

H38  
 SW  
 1/8-1/4  
 918 ft  
 Higher

**EMERYVILLE SERVICE STATION**  
 4501 SAN PABLO AVE  
 EMERYVILLE, CA 94662

CA FID UST S101624558  
 N/A

Site 5 of 5 in cluster H

J39  
 WNW  
 1/8-1/4  
 958 ft  
 Higher

**VACANT LOT**  
 4800 SAN PABLO AVE  
 EMERYVILLE, CA 94608

Cortese S102440783  
 LUST N/A

Site 1 of 2 in cluster J

State LUST:

Cross Street:	48TH ST		
Qty Leaked:	Not reported		
Case Number:	01-1987		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Other ground water affected		
Status:	Post remedial action monitoring		
County:	Alameda		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	9/28/1995	Remed Plan:	9/28/1995
Remed Action:	3/19/1998	Monitoring:	3/19/1998
Close Date:	Not reported		
Release Date:	2/16/1994		
Cleanup Fund Id :	Not reported		
Discover Date :	1/18/1994		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	6/14/1994		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Other Means		
How Stopped:	Other Means		
Interim :	No		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

VACANT LOT (Continued)

S102440783

Priority: Not reported  
Local Case #: 4987  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 4/9/1999  
Stop Date: 1/18/1994  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101836  
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: 9513.314091349076423794986139  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1987  
Entered Date: 06/14/1994  
Facility Status: Post remedial action monitoring  
Maximum Soil Concentration: 3900  
Maximum Groundwater Impact: 1900  
County: Alameda  
Current Benzene: 27  
MTBE Detected in GW: 1900  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1987  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

J40  
WNW  
1/8-1/4  
958 ft.  
Higher

4800 SAN PABLO AVE  
EMERYVILLE, CA  
Site 2 of 2 in cluster J

LUST S105483299  
N/A

LUST Alameda County:  
Region: ALAMEDA  
Facility ID: RO0000589



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**K41**      **SHIG'S AUTO SERVICE**  
**SSW**      **1047 39TH ST**  
**1/8-1/4**    **OAKLAND, CA 94608**  
**985 ft.**  
**Higher**    **Site 1 of 3 in cluster K**

**HAZNET**    **S104579863**  
**N/A**

**HAZNET:**

Gepaid:            CAL000217268  
 Tepaid:            CAD059494310  
 Gen County:      1  
 Tsd County:      Santa Clara  
 Tons:              .4587  
 Category:        Liquids with halogenated organic compounds > 1000 mg/l  
 Disposal Method: Disposal, Other  
 Contact:          JAMES LAU  
 Telephone:        (510) 652-8686  
 Mailing Address: 1047 39TH ST  
                          OAKLAND, CA 94608  
 County            1  
  
 Gepaid:            CAL000160154  
 Tepaid:            CAD982446874  
 Gen County:      1  
 Tsd County:      Yolo  
 Tons:              0.6672  
 Category:        Aqueous solution with less than 10% total organic residues  
 Disposal Method: Transfer Station  
 Contact:          SHIGETO KOBYASHI  
 Telephone:        (510) 653-0766  
 Mailing Address: 1047 39TH ST  
                          EMERYVILLE, CA 94608 - 3816  
 County            1

**K42**      **PRECISION MOTORS**  
**SSW**      **1054 39TH ST**  
**1/8-1/4**    **EMERYVILLE, CA 94608**  
**999 ft.**  
**Higher**    **Site 2 of 3 in cluster K**

**RCRIS-SQG**    **1000819431**  
**FINDS**        **CAD983654138**  
**HAZNET**

**RCRIS:**

Owner:            BOB BOZOVIC  
                          (510) 655-2287  
 EPA ID:           CAD983654138  
 Contact:         BOB BOZOVIC  
                          (510) 655-2287  
  
 Classification:   Small Quantity Generator  
 Used Oil Recyc:   No  
 TSDF Activities:   Not reported  
 Violation Status: No violations found

**FINDS:**

*Other Pertinent Environmental Activity Identified at Site:*  
 Facility Registry System (FRS)  
 Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PRECISION MOTORS (Continued)

1000819431

HAZNET:

Gepaid: CAD983654138  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .2293  
Category: Unspecified organic liquid mixture  
Disposal Method: Recycler  
Contact: BOB BOZOVIC  
Telephone: (510) 655-2287  
Mailing Address: 1054 39TH ST  
EMERYVILLE, CA 94608 - 3817  
County 1

Gepaid: CAD983654138  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .2293  
Category: Unspecified organic liquid mixture  
Disposal Method: Recycler  
Contact: BOB BOZOVIC  
Telephone: (510) 655-2287  
Mailing Address: 1054 39TH ST  
EMERYVILLE, CA 94608 - 3817  
County 1

K43  
SSW  
1/8-1/4  
1012 ft.  
Higher

PERFORMANCE AUTO  
1060 39TH ST  
EMERYVILLE, CA 94608  
Site 3 of 3 in cluster K

HAZNET S103621625  
N/A

HAZNET:

Gepaid: CAL000139528  
Tepaid: CAL000161743  
Gen County: 1  
Tsd County: Santa Clara  
Tons: 1.0841  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Recycler  
Contact: VERONICA DANSBY  
Telephone: (000) 000-0000  
Mailing Address: 1060 39TH ST  
EMERYVILLE, CA 94608  
County 1

Gepaid: CAL000139528  
Tepaid: CAL000161743  
Gen County: 1  
Tsd County: Santa Clara  
Tons: .3336  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Not reported  
Contact: VERONICA DANSBY  
Telephone: (000) 000-0000  
Mailing Address: 1060 39TH ST  
EMERYVILLE, CA 94608  
County 1

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PERFORMANCE AUTO (Continued)**

**S103621625**

Gepaid: CAL000139528  
 Tepaid: CAL000161741  
 Gen County: 1  
 Tsd County: 1  
 Tons: .6880  
 Category: Aqueous solution with less than 10% total organic residues  
 Disposal Method: Recycler  
 Contact: VERONICA DANSBY  
 Telephone: (000) 000-0000  
 Mailing Address: 1060 39TH ST  
 EMERYVILLE, CA 94608  
 County 1

Gepaid: CAL000139528  
 Tepaid: CAL000161741  
 Gen County: 1  
 Tsd County: 1  
 Tons: .9798  
 Category: Aqueous solution with less than 10% total organic residues  
 Disposal Method: Recycler  
 Contact: VERONICA DANSBY  
 Telephone: (000) 000-0000  
 Mailing Address: 1060 39TH ST  
 EMERYVILLE, CA 94608  
 County 1

Gepaid: CAL000139528  
 Tepaid: CAL000161741  
 Gen County: 1  
 Tsd County: 1  
 Tons: .2502  
 Category: Aqueous solution with less than 10% total organic residues  
 Disposal Method: Recycler  
 Contact: VERONICA DANSBY  
 Telephone: (000) 000-0000  
 Mailing Address: 1060 39TH ST  
 EMERYVILLE, CA 94608  
 County 1

The CA HAZNET database contains 3 additional records for this site.  
 Please contact your EDR Account Executive for more information.

L44  
 East  
 1/8-1/4  
 1036 ft.  
 Higher

**KAISER PERMANENTE/FRENCH FAC.**  
 4131 GEARY BLVD  
 , CA

UST U001569857  
 HIST UST N/A  
 LUST

Site 1 of 2 in cluster L

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0474  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

KAISER PERMANENTE/FRENCH FAC. (Continued)

U001569857

Review Date: Not reported  
Workplan: 1/2/1965  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 6/22/1990  
Cleanup Fund Id : Not reported  
Discover Date : 6/22/1990  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 2/20/1991  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : No  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date : 1/2/1965  
Max MTBE GW : 12  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 812  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 3/29/2001  
Stop Date : 11/26/1990  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100430  
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: 8942.941660095560854587264973  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0474  
Entered Date: 02/20/1991  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 870  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KAISER PERMANENTE/FRENCH FAC. (Continued)**

U001569857

MTBE Detected in Soil: Not reported  
 MTBE: 12  
 MTBE Qualify: Not reported

**UST HIST:**

Facility ID:	44921	Container Num:	1
Tank Num:	1	Year Installed:	1984
Tank Capacity:	12000	Tank Construction:	1/4 inches
Tank Used for:	PRODUCT	Telephone:	(714) 681-2700
Type of Fuel:	PREMIUM	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	ALBERT P. RAMIREZ		
Total Tanks:	3		
Facility Type:	1		

Facility ID:	44921	Container Num:	2
Tank Num:	2	Year Installed:	1984
Tank Capacity:	12000	Tank Construction:	1/4 inches
Tank Used for:	PRODUCT	Telephone:	(714) 681-2700
Type of Fuel:	DIESEL	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	ALBERT P. RAMIREZ		
Total Tanks:	3		
Facility Type:	1		

Facility ID:	44921	Container Num:	3
Tank Num:	3	Year Installed:	1984
Tank Capacity:	12000	Tank Construction:	1/4 inches
Tank Used for:	PRODUCT	Telephone:	(714) 681-2700
Type of Fuel:	REGULAR	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	ALBERT P. RAMIREZ		
Total Tanks:	3		
Facility Type:	1		

**UST San Francisco County:**

Facility ID:	812	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Manufacturer:	Not reported	Date Installed:	Not reported
Other Interior Lining:	Not reported	Close Date:	Not reported
Receive Date:	1/14/91 0:00:00	Dispenser:	Not reported
Owner Name:	Not reported		
Certified Date:	Not reported		
Flag:	CLOSED		
Other Corrosion Protection:	Not reported		
Drop Tube:	Not reported		
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Name:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KAISER PERMANENTE/FRENCH FAC. (Continued)**

U001569857

Overfill Prevention Installed Date: Not reported  
 Piping Type: Not reported  
 Piping Aboveground: Not reported  
 Piping Underground: Not reported  
 Piping Construction: Not reported  
 Piping Construction Aboveground: Not reported  
 Piping Construction Underground: Not reported  
 Piping Material: Not reported  
 Other Piping Material: Not reported  
 Piping Material Aboveground: Not reported  
 Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filling: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

L45  
 East  
 1/8-1/4  
 1036 ft.  
 Higher

**ARCO STATION**  
 4401 MARKET ST  
 OAKLAND, CA 94608

CA FID UST S101580020  
 Cortese N/A  
 LUST

Site 2 of 2 in cluster L

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000132

CORTESE:

Reg Id: 01-0474  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01000608	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	Not reported
Status:	Inactive		
Mail To:	Not reported		
	4401 MARKET ST		
	OAKLAND, CA 94608		
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		

46  
 NE  
 1/8-1/4  
 1036 ft.  
 Higher

**A/O 44TH / MARKET STREET**  
 OAKLAND, CA 94609

CHMIRS S100276474  
 N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100276474

CHMIRS:

OES Control Number: 9099643 DOT ID: Not reported  
DOT Hazard Class: Not Reported  
Chemical Name: ETHYLENE GLYCOL  
Extent of Release: Not reported  
CAS Number: 107211 Quantity Released: 2  
Environmental Contamination: Ground Property Use: Mercantile, Business  
Incident Date: 25-OCT-90 Date Completed: 25-OCT-90  
Time Completed : 1500  
Physical State Stored : Liquid  
Physical State Released : Liquid  
Release Unit : Gallons  
Container Description : 3  
Container Type : 19  
Container Material : Aluminum and Aluminium alloys  
Level Of Container : Ground Level  
Container Capacity : 2  
Container Capacity Units (code) : 2  
Extent Of Release (code) : 6  
Agency Id Number : 1075  
Agency Incident Number : 9031643  
OES Incident Number : 9099643  
Time Notified : 1341  
Surrounding Area : 400  
Estimated Temperature : 70  
Property Management : C  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : LT. EUGENE M. DICK  
Report Date : 25-OCT-90  
Comments : Yes  
Facility Telephone Number : 415 444-3322

47 H BECK SVC & REPAIR  
South 1040 APGAR ST  
1/8-1/4 EMERYVILLE, CA 94608  
1141 ft.  
Higher

RCRIS-SQG 1000200902  
FINDS CAD981573579  
HAZNET

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS: 4 7 9 7

Database(s) EDR ID Number  
 EPA ID Number

**H BECK SVC & REPAIR (Continued)**

1000200902

**RCRIS:**

Owner: HANS J BECK  
 (415) 555-1212  
 EPA ID: CAD981573579  
 Contact: ENVIRONMENTAL MANAGER  
 (415) 654-9480

Classification: Small Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported  
 Violation Status: No violatlons found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Facility Registry System (FRS)  
 Resource Conservation and Recovery Act information system (RCRAINFO)

**HAZNET:**

Gepaid: CAD981573579  
 Tepaid: CA0000084517  
 Gen County: 1  
 Tsd County: Sacramento  
 Tons: 0.1709  
 Category: Aqueous solution with less than 10% total organic residues  
 Disposal Method: Treatment, Tank  
 Contact: HANS BECK  
 Telephone: (000) 000-0000  
 Mailing Address: 1040 APGAR ST  
 EMERYVILLE, CA 94608  
 County 1

**M48 FLECTO COMPANY INC**  
**NNE 1000 45TH STREET**  
**1/8-1/4 OAKLAND, CA 94608**  
**1140 ft.**  
**Higher Site 1 of 3 in cluster M**

**RCRIS-LQG 1000181097**  
**FINDS CAD009140054**  
**UST**  
**CA FID UST**  
**HIST UST**  
**Cortese**  
**LUST**

**RCRIS:**

Owner: R P M INC  
 (330) 273-5090  
 EPA ID: CAD009140054  
 Contact: ENVIRONMENTAL MANAGER  
 Classification: Large Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FLECTO COMPANY INC (Continued)**

1000181097

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	02/20/1986
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/20/1986
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	GENERATOR-GENERAL REQUIREMENTS	

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Facility Registry System (FRS)  
 National Emissions Trends (NET)  
 Resource Conservation and Recovery Act information system (RCRAINFO)  
 Toxic Chemical Release Inventory System (TRIS)

**State LUST:**

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	Not reported
Case Number:	01-2275	Remed Plan:	Not reported
Reg Board:	San Francisco Bay Region	Monitoring:	Not reported
Chemical:	Mineral Spirits		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Other ground water affected		
Status:	Case Closed		
County:	Alameda		
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		
Close Date:	11/15/2000		
Release Date:	8/1/1997		
Cleanup Fund Id :	Not reported		
Discover Date :	7/30/1997		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1/23/1998		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	12/27/1999		
Max MTBE GW :	250		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FLECTO COMPANY INC (Continued)

1000181097

Local Case #: 335  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: <  
Max MTBE Soil: 3  
Soil Qualifies: <  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 12/5/2000  
Stop Date: 7/30/1997  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global ID: T0600102091  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 2  
Mtb Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 10324.663976955384255749515727  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2275  
Entered Date: 01/23/1998  
Facility Status: Case Closed  
Maximum Soil Concentration: 2100  
Maximum Groundwater Impact: 38000  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: 38000  
MTBE Detected in Soil: 3  
MTBE: 250  
MTBE Qualify: <

CORTESE:

Reg Id: 38-0076  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Reg Id: 01-2275  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FLECTO COMPANY INC (Continued)

1000181097

FID:

Facility ID: 01002625 Regulate ID: 00020119  
Reg By: Active Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Active Facility Tel: (415) 655-2470  
Mail To: Not reported  
1000 045TH ST  
OAKLAND, CA 94608  
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: 20119  
Tank Num: 1 Container Num: 1  
Tank Capacity: 6000 Year Installed: 1978  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor  
Contact Name: STEPHEN DEPETRIS Telephone: (415) 655-2470  
Total Tanks: 4 Region: STATE  
Facility Type: 2 Other Type: PAINT MANUFACTURING

Facility ID: 20119  
Tank Num: 2 Container Num: 2  
Tank Capacity: 6000 Year Installed: 1978  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor  
Contact Name: STEPHEN DEPETRIS Telephone: (415) 655-2470  
Total Tanks: 4 Region: STATE  
Facility Type: 2 Other Type: PAINT MANUFACTURING

Facility ID: 20119  
Tank Num: 3 Container Num: 3  
Tank Capacity: 8000 Year Installed: 1978  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor  
Contact Name: STEPHEN DEPETRIS Telephone: (415) 655-2470  
Total Tanks: 4 Region: STATE  
Facility Type: 2 Other Type: PAINT MANUFACTURING

Facility ID: 20119  
Tank Num: 4 Container Num: 4  
Tank Capacity: 4000 Year Installed: 1978  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor  
Contact Name: STEPHEN DEPETRIS Telephone: (415) 655-2470  
Total Tanks: 4 Region: STATE  
Facility Type: 2 Other Type: PAINT MANUFACTURING

UST San Francisco County:

Facility ID: 335 Case Number: Not reported  
Tank ID: Not reported Tank Capacity: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FLECTO COMPANY INC (Continued)**

1000181097

Manufacturer:	Not reported	Date Installed:	Not reported
Other Interior Lining:	Not reported		
Receive Date:	11/28/88 0:00:00	Close Date:	12/13/88 0:00:00
Owner Name:	Not reported		
Certified Date:	Not reported		
Flag:	CLOSED		
Other Corrosion Protection:	Not reported		
Drop Tube:	Not reported		
Striker Plate:	Not reported	Dispenser:	Not reported
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Name:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		
Piping Type:	Not reported		
Piping Aboveground:	Not reported		
Piping Underground:	Not reported		
Piping Construction:	Not reported		
Piping Construction Aboveground:	Not reported		
Piping Construction Underground:	Not reported		
Piping Material:	Not reported		
Other Piping Material:	Not reported		
Piping Material Aboveground:	Not reported		
Piping Material Underground:	Not reported		
Pipe Leak Detection:	Not reported		
Estimated Last Date Used:	Not reported		
Estimated Quantity Remaining:	Not reported		
Inert Filling:	Not reported		
Jurisdiction:	Not reported		
Other Tank System:	Not reported		
Other Tank Leak Detection:	Not reported		
Other Pipe Leak Detection:	Not reported		
Methanol Compatible:	Not reported		

M49  
 NNE  
 1/8-1/4  
 1140 ft.  
 Higher

**FLECTO COMPANY THE INC**  
 1000 45TH STREET  
 OAKLAND, CA 94608  
 Site 2 of 3 in cluster M

HAZNET S100862210  
 N/A

HAZNET:

Gepaid: CAD009140054  
 Tepaid: UTD991301748  
 Gen County: 1  
 Tsd County: 99  
 Tons: .7000  
 Category: Other inorganic solid waste  
 Disposal Method: Disposal, Land Fill  
 Contact: RPM INC  
 Telephone: (330) 273-5090  
 Mailing Address: 1000 45TH ST  
 EMERYVILLE, CA 94608 - 3314

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FLECTO COMPANY THE INC (Continued)

S100862210

County 1  
Gepaid: CAD009140054  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: 3.3712  
Category: Off-specification, aged, or surplus organics  
Disposal Method: Recycler  
Contact: RPM INC  
Telephone: (330) 273-5090  
Mailing Address: 1000 45TH ST  
EMERYVILLE, CA 94608 - 3314

County 1  
Gepaid: CAD009140054  
Tepaid: UTD048406144  
Gen County: 1  
Tsd County: 99  
Tons: .2293  
Category: Other inorganic solid waste  
Disposal Method: Recycler  
Contact: RPM INC  
Telephone: (330) 273-5090  
Mailing Address: 1000 45TH ST  
EMERYVILLE, CA 94608 - 3314

County 1  
Gepaid: CAD009140054  
Tepaid: UTD048406144  
Gen County: 1  
Tsd County: 99  
Tons: .4587  
Category: Unspecified solvent mixture Waste  
Disposal Method: Recycler  
Contact: RPM INC  
Telephone: (330) 273-5090  
Mailing Address: 1000 45TH ST  
EMERYVILLE, CA 94608 - 3314

County 1  
Gepaid: CAD009140054  
Tepaid: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: 12.0000  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: RPM INC  
Telephone: (330) 273-5090  
Mailing Address: 1000 45TH ST  
EMERYVILLE, CA 94608 - 3314  
County 1

The CA HAZNET database contains 7 additional records for this site.  
Please contact your EDR Account Executive for more information.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**M50**  
**NNE**  
**1/8-1/4**  
**1140 ft.**  
**Higher**

**1000 45TH ST**  
**OAKLAND, CA**

**Site 3 of 3 in cluster M**

LUST Alameda County:

Region :

ALAMEDA

Facility ID :

RO0001153

LUST

S105483673  
 N/A

**N51**  
**West**  
**1/8-1/4**  
**1183 ft.**  
**Higher**

**AMERICAN RUBBER MFG CO**  
**1145 PARK AVE**  
**EMERYVILLE, CA 94608**

**Site 1 of 6 in cluster N**

RCRIS:

Owner: AMERICAN RUBBER MFG CO  
 (415) 555-1212

EPA ID: CAD981686397

Contact: ENVIRONMENTAL MANAGER  
 (415) 652-0800

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

RCRIS-SQG  
 FINDS  
 CA FID UST  
 HIST UST  
 HAZNET

1000360855  
 CAD981686397

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepald: CAC002278929

Tepaid: CAD009452657

Gen County: 1

Tsd County: San Mateo

Tons: .4587

Category: Unspecified oil-containing waste

Disposal Method: Recycler

Contact: CHRIS CHRISTIANSEN

Telephone: (510) 653-7555

Mailing Address: 1145 PARK AVE

EMERYVILLE, CA 94608

County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

AMERICAN RUBBER MFG CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000360855

FID:

Facility ID:	01002230	Regulate ID:	00054608
Reg By:	Inactive Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(415) 652-0800
Status:	Inactive		
Mail To:	Not reported		
	P O BOX		
	EMERYVILLE, CA 94608		
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:	54608	Container Num:	1
Tank Num:	1	Year Installed:	1949
Tank Capacity:	550	Tank Construction:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 652-0800
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	None	Other Type:	MANUFACTURER
Contact Name:	MERVIN NEGLEY		
Total Tanks:	4		
Facility Type:	2		
Facility ID:	54608	Container Num:	2
Tank Num:	2	Year Installed:	1949
Tank Capacity:	250	Tank Construction:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 652-0800
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	None	Other Type:	MANUFACTURER
Contact Name:	MERVIN NEGLEY		
Total Tanks:	4		
Facility Type:	2		
Facility ID:	54608	Container Num:	3
Tank Num:	3	Year Installed:	1965
Tank Capacity:	10000	Tank Construction:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 652-0800
Type of Fuel:	DIESEL	Region:	STATE
Leak Detection:	None	Other Type:	MANUFACTURER
Contact Name:	MERVIN NEGLEY		
Total Tanks:	4		
Facility Type:	2		
Facility ID:	54608	Container Num:	4
Tank Num:	4	Year Installed:	1949
Tank Capacity:	250	Tank Construction:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 652-0800
Type of Fuel:	REGULAR	Region:	STATE
Leak Detection:	None	Other Type:	MANUFACTURER
Contact Name:	MERVIN NEGLEY		
Total Tanks:	4		
Facility Type:	2		

MAP FINDINGS.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

N52  
 West  
 1/8-1/4  
 1183 ft.  
 Higher

**POLICE/NORTHERN STATAON**  
**841 ELLIS STREET**  
**, CA**

UST U003802509  
 N/A

Site 2 of 6 in cluster N

UST San Francisco County:

Facility ID:	303	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Manufacturer:	Not reported	Date Installed:	Not reported
Other Interior Lining:	Not reported		
Receive Date:	5/11/87 0:00:00	Close Date:	8/14/87 0:00:00
Owner Name:	Not reported		
Certified Date:	Not reported		
Flag:	CLOSED		
Other Corrosion Protection:	Not reported		
Drop Tube:	Not reported	Dispenser:	Not reported
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Name:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		
Piping Type:	Not reported		
Piping Aboveground:	Not reported		
Piping Underground:	Not reported		
Piping Construction:	Not reported		
Piping Construction Aboveground:	Not reported		
Piping Construction Underground:	Not reported		
Piping Material:	Not reported		
Other Piping Material:	Not reported		
Piping Material Aboveground:	Not reported		
Piping Material Underground:	Not reported		
Pipe Leak Detection:	Not reported		
Estimated Last Date Used:	Not reported		
Estimated Quantity Remaining:	Not reported		
Inert Filling:	Not reported		
Jurisdiction:	Not reported		
Other Tank System:	Not reported		
Other Tank Leak Detection:	Not reported		
Other Pipe Leak Detection:	Not reported		
Methanol Compatible:	Not reported		

N53  
 West  
 1/8-1/4  
 1198 ft.  
 Same

**PEPSI COLA COMPANY**  
**1150 PARK AVE**  
**EMERYVILLE, CA 94608**

HAZNET 1000477486  
 LUST N/A

Site 3 of 6 in cluster N

State LUST:

Cross Street:	Not reported
Qty Leaked:	Not reported
Case Number	01-0127
Reg Board:	San Francisco Bay Region



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PEPSI COLA COMPANY (Continued)

1000477486

Chemical: Diesel  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Soil only  
Status: Remedial action (cleanup) Underway  
County: Alameda  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: 9/14/1995  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 4/20/1994  
Cleanup Fund Id : Not reported  
Discover Date : 4/20/1994  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 9/14/1995  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Subsurface Monitoring  
How Stopped: Other Means  
Interim : Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date : 1/2/1965  
Max MTBE GW : 0  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 1777  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 3/27/2001  
Stop Date : 4/20/1994  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100118  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 9795.789272951452879491664796  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: 9/14/1995  
Monitoring: Not reported

LUST Region 2:  
Region: 2  
Facility Id: 01-0127  
Entered Date: 09/14/1995

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PEPSI COLA COMPANY (Continued)

1000477486

Facility Status: Remedial action (cleanup) Underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: ND

HAZNET:

Gepaid: CAL000026326  
Tepaid: CAD043260702  
Gen County: 1  
Tsd County: San Mateo  
Tons: 18.7650  
Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Contact: BOB SHEEHAN/GEN MGR  
Telephone: (510) 596-2800  
Mailing Address: 29000 HESPERIAN BLVD.  
HAYWARD, CA 94545

County 1

Gepaid: CAL000026326  
Tepaid: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: 5.0000  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: BOB SHEEHAN/GEN MGR  
Telephone: (510) 596-2800  
Mailing Address: 29000 HESPERIAN BLVD.  
HAYWARD, CA 94545

County 1

Gepaid: CAL000026326  
Tepaid: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: 1.2000  
Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Contact: BOB SHEEHAN/GEN MGR  
Telephone: (510) 596-2800  
Mailing Address: 29000 HESPERIAN BLVD.  
HAYWARD, CA 94545

County 1

Gepaid: CAL000026326  
Tepaid: CAD093459485  
Gen County: 1  
Tsd County: Fresno  
Tons: .0208  
Category: Unspecified solvent mixture Waste  
Disposal Method: Transfer Station  
Contact: BOB SHEEHAN/GEN MGR  
Telephone: (510) 596-2800

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PEPSI COLA COMPANY (Continued)**

1000477486

Mailing Address: 29000 HESPERIAN BLVD.  
 HAYWARD, CA 94545  
 County 1  
 Gepaid: CAL000026326  
 Tepaid: NYD986980233  
 Gen County: 1  
 Tsd County: 99  
 Tons: .3405  
 Category: Polychlorinated biphenyls and material containing PCB's  
 Disposal Method: Not reported  
 Contact: BOB SHEEHAN/GEN MGR  
 Telephone: (510) 596-2800  
 Mailing Address: 29000 HESPERIAN BLVD.  
 HAYWARD, CA 94545  
 County 1

The CA HAZNET database contains 5 additional records for this site.  
 Please contact your EDR Account Executive for more information.

N54  
 West  
 1/8-1/4  
 1198 ft.  
 Same

**RESIDENCE**  
 1967 JACKSON STREET  
 , CA

UST U003803057  
 N/A

Site 4 of 6 in cluster N

UST San Francisco County:

Facility ID:	1777	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Manufacturer:	Not reported	Date Installed:	Not reported
Other Interior Lining:	Not reported	Close Date:	8/10/94 0:00:00
Receive Date:	7/22/94 0:00:00		
Owner Name:	Not reported		
Certified Date:	8/26/94 0:00:00		
Flag:	CLOSED		
Other Corrosion Protection:	Not reported	Dispenser:	Not reported
Drop Tube:	Not reported		
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Name:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		
Piping Type:	Not reported		
Piping Aboveground:	Not reported		
Piping Underground:	Not reported		
Piping Construction:	Not reported		
Piping Construction Aboveground:	Not reported		
Piping Construction Underground:	Not reported		
Piping Material:	Not reported		
Other Piping Material:	Not reported		
Piping Material Aboveground:	Not reported		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

RESIDENCE (Continued)

U003803057

Piping Material Underground: Not reported  
Pipe Leak Detection: Not reported  
Estimated Last Date Used: Not reported  
Estimated Quantity Remaining: Not reported  
Inert Filling: Not reported  
Jurisdiction: Not reported  
Other Tank System: Not reported  
Other Tank Leak Detection: Not reported  
Other Pipe Leak Detection: Not reported  
Methanol Compatible: Not reported

N55  
West  
1/8-1/4  
1226 ft.  
Same

NEW LOGIC INTERNATIONAL INC  
1155 PARK AVE  
EMERYVILLE, CA 94608

HAZNET S103959206  
N/A

Site 5 of 6 in cluster N

HAZNET:

Gepaid: CAL000171793  
Tepaid: CA0000084517  
Gen County: 1  
Tsd County: Sacramento  
Tons: 1.3985  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Transfer Station  
Contact: CROWN FLEXO GRAPHICS INC  
Telephone: (510) 654-8340  
Mailing Address: 1155 PARK AVE  
EMERYVILLE, CA 94508  
County 1

Gepaid: CAL000171793  
Tepaid: CA0000084517  
Gen County: 1  
Tsd County: Sacramento  
Tons: .6463  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Not reported  
Contact: CROWN FLEXO GRAPHICS INC  
Telephone: (510) 654-8340  
Mailing Address: 1155 PARK AVE  
EMERYVILLE, CA 94508  
County 1

Gepaid: CAL000171793  
Tepaid: CAD983667783  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .5004  
Category: Photochemicals/photoprocessing waste  
Disposal Method: Recycler  
Contact: CROWN FLEXO GRAPHICS INC  
Telephone: (510) 654-8340  
Mailing Address: 1155 PARK AVE  
EMERYVILLE, CA 94508  
County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

NEW LOGIC INTERNATIONAL INC (Continued)

S103959206

Gepaid: CAL000078427  
Tepaid: CAD053044053  
Gen County: 1  
Tsd County: 1  
Tons: .4377  
Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Transfer Station  
Contact: NEW LOGIC INTERNATIONAL INC  
Telephone: (510) 655-7305  
Mailing Address 1155 PARK AVE  
EMERYVILLE, CA 94608  
County 1

O56  
SSW  
1/8-1/4  
1227 ft.  
Lower

4343 SAN PABLO AVE  
EMERYVILLE, CA

LUST S105483337  
N/A

Site 1 of 7 in cluster O

LUST Alameda County:  
Region : ALAMEDA  
Facility ID : RO0000653

O57  
SSW  
1/8-1/4  
1227 ft.  
Lower

STANDARD BRANDS PAINT CO  
4343 SAN PABLO AVE  
EMERYVILLE, CA 94608

HAZNET U003300973  
Cortese N/A

Site 2 of 7 in cluster O

HAZNET:  
Gepaid: CAC000743144  
Tepaid: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .1000  
Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Contact: STANDARD BRANDS PAINT CO  
Telephone: (000) 000-0000  
Mailing Address: 1981 N BROADWAY STE 325  
WALNUT CREEK, CA 94596  
County 1  
Gepaid: CAC000743144  
Tepaid: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .3127  
Category: Off-specification, aged, or surplus organics  
Disposal Method: Transfer Station  
Contact: STANDARD BRANDS PAINT CO  
Telephone: (000) 000-0000  
Mailing Address: 1981 N BROADWAY STE 325  
WALNUT CREEK, CA 94596  
County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

STANDARD BRANDS PAINT CO (Continued)

U003300973

Gepaid: CAC000743144  
Tepaid: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .1000  
Category: Empty containers less than 30 gallons  
Disposal Method: Transfer Station  
Contact: STANDARD BRANDS PAINT CO  
Telephone: (000) 000-0000  
Mailing Address: 1981 N BROADWAY STE 325  
WALNUT CREEK, CA 94596  
County 1  
Gepaid: CAC000743144  
Tepaid: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: 1.1000  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: STANDARD BRANDS PAINT CO  
Telephone: (000) 000-0000  
Mailing Address: 1981 N BROADWAY STE 325  
WALNUT CREEK, CA 94596  
County 1  
Gepaid: CAC000743144  
Tepaid: WAD991281767  
Gen County: 1  
Tsd County: 99  
Tons: .0900  
Category: Off-specification, aged, or surplus inorganics  
Disposal Method: Not reported  
Contact: STANDARD BRANDS PAINT CO  
Telephone: (000) 000-0000  
Mailing Address: 1981 N BROADWAY STE 325  
WALNUT CREEK, CA 94596  
County 1

The CA HAZNET database contains 4 additional records for this site.  
Please contact your EDR Account Executive for more information.

CORTESE:  
Reg Id: 01-2274  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

O58  
SSW  
1/8-1/4  
1227 ft.  
Lower

STANDARD BRANDS PAINT  
4343 SAN PABLO AVE  
EMERYVILLE, CA 94608

LUST S103177067  
N/A

Site 3 of 7 in cluster O

State LUST:  
Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-2274  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

STANDARD BRANDS PAINT (Continued)

S103177067

Local Agency : 01000  
Case Type: Soil only  
Status: Case Closed  
County: Alameda  
Abate Method: 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: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 3/16/1998  
Release Date: 7/16/1997  
Cleanup Fund Id : Not reported  
Discover Date : 7/10/1997  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 1/23/1998  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interm : Yes  
Leak Cause: Corrosion  
Leak Source: Tank  
MTBE Date : 1/2/1965  
Max MTBE GW : 0  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 5406  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 5/13/1998  
Stop Date : 7/10/1997  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102090  
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: 8605.860249871131872776206351  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

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

LUST Region 2:  
Region: 2  
Facility Id: 01-2274

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**STANDARD BRANDS PAINT (Continued)**

S103177067

Entered Date: 01/23/1998  
 Facility Status: Case Closed  
 Maximum Soil Concentration: 590  
 Maximum Groundwater Impact: 0  
 County: Alameda  
 Current Benzene: 0  
 MTBE Detected in GW: No  
 MTBE Detected in Soil: Not reported  
 MTBE: 0  
 MTBE Qualify: ND

O59 RESIDENCE  
 SSW 2090 GREEN STREET  
 1/8-1/4 , CA  
 1258 ft.  
 Lower Site 4 of 7 in cluster O

UST U003713790  
 LUST N/A

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-2001  
 Reg Board: San Francisco Bay Region  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Soil only  
 Status: Leak being confirmed  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: 11/1/1994  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 8/2/1994  
 Cleanup Fund Id: Not reported  
 Discover Date: 8/2/1994  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 11/1/1994  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Interim: No  
 Leak Cause: Unknown  
 Leak Source: Unknown  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: Not reported  
 Local Case #: 4058  
 Beneficial: Not reported  
 Staff: CTH  
 GW Qualifies: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifies: Not reported  
 Hydr Basin #: Not reported  
 Operator: Not reported  
 Oversight Prgm: Local Oversight Program UST



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

RESIDENCE (Continued)

U003713790

Oversight Prgm : LOP  
Review Date : 9/6/2000  
Stop Date : 8/2/1994  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600101848  
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: 10023.20041307513290173851584  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2001  
Entered Date: 11/01/1994  
Facility Status: Leak being confirmed  
Maximum Soil Concentration: 4800  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

UST San Francisco County:

Facility ID: 4058  
Tank ID: Not reported  
Manufacturer: Not reported  
Other Interior Lining: Not reported  
Receive Date: 11/30/00 0:00:00  
Owner Name: Not reported  
Certified Date: 3/20/01 0:00:00  
Flag: CLOSED  
Other Corrosion Protection: Not reported  
Drop Tube: Not reported  
Striker Plate: Not reported  
Contents A: Not reported  
Contents B: Not reported  
Contents C: Not reported  
Mailing Name: Not reported  
Mailing Address: Not reported  
Other Substance: Not reported  
Tank Construction Type: Not reported  
Tank Material: Not reported  
Interior Lining: Not reported  
Corrosion Protection: Not reported  
Spill Contamination Installed Date: Not reported  
Overfill Prevention Installed Date: Not reported  
Piping Type: Not reported  
Piping Aboveground: Not reported  
Piping Underground: Not reported

Case Number: Not reported  
Tank Capacity: Not reported  
Date Installed: Not reported  
Close Date: 12/14/00 0:00:00  
Dispenser: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**RESIDENCE (Continued)**

U003713790

Piping Construction: Not reported  
 Piping Construction Aboveground: Not reported  
 Piping Construction Underground: Not reported  
 Piping Material: Not reported  
 Other Piping Material: Not reported  
 Piping Material Aboveground: Not reported  
 Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filing: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

O60  
 SSW  
 1/8-1/4  
 1258 ft.  
 Lower

**EMERYVILLE FIRE DEPT**  
**4331 SAN PABLO AVE**  
**EMERYVILLE, CA 94608**  
 Site 5 of 7 in cluster O

HIST UST U001599272  
 N/A

UST HIST:

Facility ID:	45542	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	550	Tank Construction:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 652-4575
Type of Fuel:	DIESEL	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	FIRE DEPT.
Contact Name:	CHIEF RAMON VITTORI		
Total Tanks:	1		
Facility Type:	2		

O61  
 SSW  
 1/8-1/4  
 1258 ft.  
 Lower

**EMERYVILLE FIRE DEPT**  
**4331 SAN PABLO AVE**  
**EMERYVILLE, CA 94608**  
 Site 6 of 7 in cluster O

CA FID UST S101624426  
 HAZNET N/A  
 Cortese  
 LUST

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000068

HAZNET:

Gepaid: CAC000719520  
 Tepaid: CAD004771168  
 Gen County: 1  
 Tsd County: San Francisco  
 Tons: .2500  
 Category: Other empty containers 30 gallons or more  
 Disposal Method: Recycler  
 Contact: PUBLIC WORKS DEPARTMENT  
 Telephone: (000) 000-0000  
 Mailing Address: 2200 POWELL STREET  
 EMERYVILLE, CA 94608

County 1

CORTESE:

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

EMERYVILLE FIRE DEPT (Continued)

S101624426

Reg Id: 01-2001  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

62  
South  
1/8-1/4  
1278 ft.  
Higher

G F M HOLDINGS/GRAHAM MACKENZIE  
970 W MACARTHUR BLVD  
OAKLAND, CA 94608

HAZNET S105084054  
N/A

HAZNET:

Gepaid: CAC001480584  
Tepaid: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .2293  
Category: Off-specification, aged, or surplus organics  
Disposal Method: Transfer Station  
Contact: G F M HOLDINGS  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 712  
PEBBLE BEACH, CA 93953  
County 1

Gepaid: CAC001480584  
Tepaid: CAL000161743  
Gen County: 1  
Tsd County: Santa Clara  
Tons: 1.4178  
Category: Unspecified oil-containing waste  
Disposal Method: Transfer Station  
Contact: G F M HOLDINGS  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 712  
PEBBLE BEACH, CA 93953  
County 1

O63  
SSW  
1/8-1/4  
1283 ft.  
Lower

EMERYVILLE REDEV AGENCY  
4321 SAN PABLE AVENUE  
EMERYVILLE, CA 94608

HAZNET S103962775  
N/A

Site 7 of 7 in cluster O

HAZNET:

Gepaid: CAC001109816  
Tepaid: CAL000027741  
Gen County: 1  
Tsd County: 5  
Tons: 33.7120  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 2200 POWELL ST, 12TH FLOOR  
EMERYVILLE, CA 94608  
County 1



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

OUSD LONGFELLOW ELEMENTARY & CDC (Continued)

S102804351

Gepaid: CAC001053992  
Tepaid: NYD986980233  
Gen County: 1  
Tsd County: 99  
Tons: .0000  
Category:  
Disposal Method: Treatment, Incineration  
Contact: OAKLAND UNIFIED SCHOOL DIS.  
Telephone: (000) 000-0000  
Mailing Address: SMITH RAUCH LIGHTING  
EMERYVILLE, CA 94608  
County 1

P66  
SSW  
1/4-1/2  
1337 ft.  
Lower

EMERYVILLE REDEVELOPMENT AGENCY  
4300 SAN PABLO AVE  
EMERYVILLE, CA 94608

LUST S104156773  
N/A

Site 1 of 2 in cluster P

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-0404  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Soil only  
Status: Case Closed  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: 10/13/1992  
Workplan: 6/4/1990  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 5/31/1996  
Release Date: 8/2/1990  
Cleanup Fund Id: Not reported  
Discover Date: 8/2/1990  
Enforcement Dt: 10/13/1992  
Enf Type: Not reported  
Enter Date: 9/24/1990  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 #: 4266  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

EMERYVILLE REDEVELOPMENT AGENCY (Continued)

S104156773

Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 8/7/1996  
Stop Date : 8/2/1990  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100369  
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: 9865.874900590426571212240384  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0404  
Entered Date: 09/24/1990  
Facility Status: Case Closed  
Maximum Soil Concentration: 490  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

P67  
SSW  
1/4-1/2  
1337 ft.  
Lower

4300 SAN PABLO AVE  
EMERYVILLE, CA

Site 2 of 2 in cluster P

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000860

LUST S105483482  
N/A

Q68  
NNE  
1/4-1/2  
1396 ft.  
Higher

1010 46TH ST  
EMERYVILLE, CA

Site 1 of 2 in cluster Q

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000840

LUST S105483467  
N/A

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**Q69 INTERSTATE BRANDS**  
**NNE 1010 46TH ST**  
**1/4-1/2 OAKLAND, CA 94608**  
**1413 ft.**  
**Higher Site 2 of 2 in cluster Q**

**HAZNET S103879609**  
**LUST N/A**

State LUST:

Cross Street:	Not reported	Confirm Leak:	3/9/1999
Qty Leaked:	Not reported	Prelim Assess:	Not reported
Case Number:	01-2463	Remed Plan:	Not reported
Reg Board:	San Francisco Bay Region	Monitoring:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Soil only		
Status:	Leak being confirmed		
County:	Alameda		
Review Date:	3/9/1999		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	Not reported		
Release Date:	3/11/1993		
Cleanup Fund Id :	Not reported		
Discover Date :	3/11/1997		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	5/4/1999		
Funding:	Not reported		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	1/2/1965		
Max MTBE GW :	0		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	3928		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		
Oversight Prgm :	LOP		
Review Date :	4/3/2001		
Stop Date :	3/11/1993		
Work Suspended :	N		
Responsible Party:	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600102271		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	1		
Mtbe Fuel:	1		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

INTERSTATE BRANDS (Continued)

S103879609

Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 10584.112446135013126659066984  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2463  
Entered Date: 05/04/1999  
Facility Status: Leak being confirmed  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: ND

HAZNET:

Gepaid: CAC001255808  
Tepaid: CAD982042475  
Gen County: 1  
Tsd County: Solano  
Tons: 16.8560  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: INTERSTATE BRANDS  
Telephone: (000) 000-0000  
Mailing Address: 12 EAST ARMOUR BLVD  
KANSAS CITY, MO 64111  
County: 1

Gepaid: CAC002280161  
Tepaid: CAD981382732  
Gen County: 1  
Tsd County: 1  
Tons: .8428  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: WAYNE AVE PARTNERS  
Telephone: (510) 483-9511  
Mailing Address: 409 13TH ST 8TH FLR  
OAKLAND, CA 94612  
County: 1

R70  
West  
1/4-1/2  
1528 ft.  
Lower

PARK AVENUE PROPERTY  
1199 PARK AVE  
EMERYVILLE, CA

Cortese S100226342  
N/A

Site 1 of 2 in cluster R

CORTESE:

Reg Id: 01-0897  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

R71 PARK AVENUE PROPERTY  
 West 1199 PARK AVE  
 1/4-1/2 EMERYVILLE, CA 94608  
 1528 ft.  
 Lower Site 2 of 2 in cluster R

LUST U003300714  
 N/A

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number 01-0897  
 Reg Board: San Francisco Bay Region  
 Chemical: Waste Oil  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Soil only  
 Status: Leak being confirmed  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: 10/17/1989 Confirm Leak: 10/17/1989  
 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: 12/7/1989  
 Cleanup Fund Id : Not reported  
 Discover Date : 12/7/1989  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 11/13/1997  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 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 # : 5373  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifies : Not reported  
 Hydr Basin #: Not reported  
 Operator : Not reported  
 Oversight Prgm: Local Oversight Program UST  
 Oversight Prgm : LOP  
 Review Date : 11/13/1997  
 Stop Date : 12/7/1989  
 Work Suspended N  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600100826  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

PARK AVENUE PROPERTY (Continued)

EDR ID Number  
EPA ID Number

U003300714

Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 9849.921643151119038606400743  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

72  
SSE  
1/4-1/2  
1677 ft.  
Higher

890 W MACARTHUR BLVD  
OAKLAND, CA

LUST S105483728  
N/A

LUST Alameda County:  
Region : ALAMEDA  
Facility ID : RO0002438

73  
WNW  
1/4-1/2  
1688 ft.  
Higher

AC TRANSIT  
1140 45TH ST  
EMERYVILLE, CA 94608

HAZNET S102423586  
Cortese N/A

HAZNET:  
Gepaid: CAC001406320  
Tepaid: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .0834  
Category: Waste oil and mixed oil  
Disposal Method: Treatment, Tank  
Contact: AC TRANSIT CORP  
Telephone: (000) 000-0000  
Mailing Address: 1140 45TH ST  
EMERYVILLE, CA 94608  
County 1

CORTESE:  
Reg Id: 01-0025  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

S74  
SSW  
1/4-1/2  
1716 ft.  
Lower

ELLEN MEDIA COMPANY  
3623 ADELINE ST  
EMERYVILLE, CA 94608

HAZNET S104566931  
Cortese N/A

Site 1 of 3 in cluster S

HAZNET:  
Gepaid: CAC001385696  
Tepaid: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: 1.2  
Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Contact: ELLEN MEDIA COMPANY  
Telephone: (510) 835-5900

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ELLEN MEDIA COMPANY (Continued)

S104566931

Mailing Address: 1601 MARITIME ST  
OAKLAND, CA 94607  
County 1  
Gepaid: CAC001385696  
Tepaid: CAD059494310  
Gen County: 1  
Tsd County: Santa Clara  
Tons: 0.02  
Category: Liquids with pH <UN-> 2  
Disposal Method: Disposal, Other  
Contact: ELLEN MEDIA COMPANY  
Telephone: (510) 835-5900  
Mailing Address: 1601 MARITIME ST  
OAKLAND, CA 94607  
County 1

CORTESE:

Reg Id: 01-2120  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

S75  
SSW  
1/4-1/2  
1716 ft.  
Lower

3623 ADELINE ST  
EMERYVILLE, CA

Site 2 of 3 in cluster S

LUST Alameda County:  
Region : ALAMEDA  
Facility ID : RO0000879

LUST S105483493  
N/A

S76  
SSW  
1/4-1/2  
1716 ft.  
Lower

OWENS MORTGAGE INVESTMENT FUND  
3623 ADELINE ST  
EMERYVILLE, CA 94608

Site 3 of 3 in cluster S

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 01-2120  
Reg Board: San Francisco Bay Region  
Chemical: Diesel  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Soil only  
Status: Case Closed  
County: Alameda  
Review Date: 10/6/1995  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 2/13/1997  
Release Date: 9/5/1995  
Cleanup Fund Id : Not reported  
Discover Date : 9/5/1995  
Enforcement Dt : Not reported  
Enf Type: Not reported

Confirm Leak: 10/6/1995  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

LUST U003300667  
N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OWENS MORTGAGE INVESTMENT FUND (Continued)

U003300667

Enter Date : 10/6/1995  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case # : 5305  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 10/28/1997  
Stop Date : 9/5/1995  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101946  
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: 8230.918736453639986917339422  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2120  
Entered Date: 10/06/1995  
Facility Status: Case Closed  
Maximum Soil Concentration: 21000  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

77  
NNW  
1/4-1/2  
1820 ft.  
Higher

REDEVELOPMENT AGENCY  
1056 48TH ST  
EMERYVILLE, CA

CA SLIC S101641315  
N/A

SLIC Region 2:

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**REDEVELOPMENT AGENCY (Continued)**

**S101641315**

Facility ID:	01S0268		
Region:	2		
Facility Status:	Inactive		Not reported
Staff:	BG		Not reported
Last Site Update:	03/25/19		
NPL Status:	Not an NPL site	Discovery Date:	Not reported
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported	Cost Recovery:	No
Abate Method:	Not reported	Substance:	Not reported
Case Type:	NT	Sample Date:	Not reported
Contamination:	Not reported		
Lead:	RWQCB		
Contamination Level:			
Number of Municipal Wells Contaminated by Site:	0		
Number of Private Wells Contaminated by Site:	0		
Soil Removal Action Taken/Needed:	0		
Soil Removal or Contaminant Action Started:			
Soil Removal or Contaminant Action Completed:	0		
On-Site Groundwater Extraction or Containment is Needed:	0		
On-Site Groundwater Extraction or Containment Started:			
Off-Site Groundwater Extraction or Containment is Needed:			
Off-Site Groundwater Extraction or Containment Started:			
Length of Contamination Plume (Feet):	0		
Depth of Contamination Plume (Feet):	0		
Wells Closed Due To Contamination of Site:			
Date of Wells Closure:			
Nearest Public or Private Drinking Water Well (Feet):	0		
Under Jurisdiction of Lead Agency Date:			
Latitude/Longitude:	38 / -122		
Flow Rate:	0		
Flow Date:			
Percent of Contaminants Contained:	0		
Contaminant Type:			
EPA ID:			
Stages of Site Investigation Process Initiated:			
Begun Characterization :		Not reported	
Completed Characterization :		Not reported	
Begun Remediation:		Not reported	
Completed Remediation:		Not reported	
Submitted Remediation Plan:		Not reported	
Approved Remediation Plan:		Not reported	
Begun Final Remedial Action:		Not reported	
Completed Final Remedial Action:		Not reported	
Facility Desc:	RESIDENTIAL AREA		
Comment:	Not reported		

78  
 WSW  
 1/4-1/2  
 1829 ft.  
 Lower

**THERM-TEC OF CALIFORNIA**  
 4000 HARLAN ST.  
 EMERYVILLE, CA 94608

WMUDS/SWAT S101310321  
 N/A

WMUDS:  
 Region: 2  
 Date of Last Facility Edit: Not reported  
 Last Facility Editors: Not reported  
 Waste Discharge System ID: 2 010010NUR  
 Solid Waste Information ID: 01-AA-0014  
 Waste Discharge System: False

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**THERM-TEC OF CALIFORNIA (Continued)**

S101310321

Solid Waste Assessment Test Program:	True
Facility Name:	THERM-TEC OF CALIFORNIA
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act Program:	False
Department of Defense:	False
Open to Public:	False
Number of WMUDS at Facility:	1
Facility Telephone:	Not reported
Primary Standard Industrial Classification:	Not reported
Secondary Standard Industrial Classification:	Not reported
Solid Waste Assessment Test Program Name:	THERM-TEC OF CALIFORNIA
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Sub Chapter 15:	False
Reg. Board Project Officer:	UN1
Section Range:	01S03W
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Base Meridian:	MD
Waste List:	False
Facility Description:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Threat to Water Quality:	Not reported
Agency:	THERM-TEC OF CALIFORNIA
Address:	94608
Department:	Not reported
Contact:	Not reported
Telephone:	(415) 658-1152
Landowner:	BREUNER PROPERTY MGMT. CO.
Address:	2900 SAN PABLO AVE. BERKELEY, CA 94702
Telephone:	(415) 843-2224
Contact:	Not reported

T79  
 SSE  
 1/4-1/2  
 1829 ft.  
 Higher

**TOSCANA BAKERY**  
 3924 MARKET ST  
 OAKLAND, CA 94608

CA FID UST S101580124  
 Cortese N/A  
 LUST

Site 1 of 2 in cluster T

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000490

CORTESE:

Reg Id: 01-1290  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

TOSCANA BAKERY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S101580124

FID:

Facility ID:	01001405	Regulate ID:	00068512
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 632-0526
Mail To:	Not reported		
	7801 EDGEWATER DR		
	OAKLAND, CA 94608		
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		

T80  
SSE  
1/4-1/2  
1829 ft.  
Higher

SAN FRANCISCO FRENCH BREAD COMPANY  
3924 MARKET ST  
OAKLAND, CA 94607

LUST S100873122  
N/A

Site 2 of 2 in cluster T

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1290		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Soil only		
Status:	Preliminary site assessment underway		
County:	Alameda		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	3/10/1993	Confirm Leak:	3/10/1993
Workplan:	1/2/1965	Prelim Assess:	1/2/1965
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	5/2/1991		
Cleanup Fund Id :	Not reported		
Discover Date :	5/2/1991		
Enforcement Dt :	10/13/1992		
Enf Type:	Not reported		
Enter Date :	6/4/1993		
Funding:	Federal Funds		
Staff initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
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 # :	4265		
Beneficial:	Not reported		
Staff :	CTH		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SAN FRANCISCO FRENCH BREAD COMPANY (Continued)

S100873122

GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin # : Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 8/8/1997  
Stop Date : 5/2/1991  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600101187  
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: 7877.3822610127341552883024066  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1290  
Entered Date: 06/04/1993  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 210  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

U81  
West  
1/4-1/2  
1845 ft.  
Lower

DEL MONTE CORP., PLANT #35  
1250 PARK AVE  
EMERYVILLE, CA 94608

CA FID UST 1000124534  
HIST UST N/A  
HAZNET  
CA SLIC

Site 1 of 4 in cluster U

HAZNET:

Gepaid: CAD981391188  
Tepaid: AZD982465866  
Gen County: 1  
Tsd County: 99  
Tons: .4518  
Category:  
Disposal Method: Recycler  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 1250 PARK AVE  
EMERYVILLE, CA 94608  
County 1



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

DEL MONTE CORP., PLANT #35 (Continued)

1000124534

Gepaid: CAC001147928  
 Tepaid: CAT000646117  
 Gen County: 1  
 Tsd County: Kings  
 Tons: 77.4706  
 Category: Polychlorinated biphenyls and material containing PCB's  
 Disposal Method: Disposal, Land Fill  
 Contact: DEL MONTE CORP  
 Telephone: (000) 000-0000  
 Mailing Address: PO BOX 9004  
 WALNUT CREEK, CA 94598  
 County 1

FID:

Facility ID:	01001813	Regulate ID:	00000652
Reg By:	Inactive Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(415) 420-2500
Status:	Inactive		
Mail To:	Not reported		
	1250 PARK AVE		
	EMERYVILLE, CA 94608		
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		

SLIC Region 2:

Facility ID:	01S0171		
Region:	2		
Facility Status:	Inactive		Not reported
Staff:	BG		Not reported
Last Site Update:	04/28/19		
NPL Status:	Not an NPL site	Discovery Date:	Not reported
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported	Cost Recovery:	YES
Abate Method:	12	Substance:	Heater Fuel
Case Type:	TK	Sample Date:	Not reported
Contamination:	Not reported		
Lead:	RWQCB		
Contamination Level.			
Number of Municipal Wells Contaminated by Site:	0		
Number of Private Wells Contaminated by Site:	0		
Soil Removal Action Taken/Needed:	0		
Soil Removal or Contaminant Action Started:	0		
Soil Removal or Contaminant Action Completed:	0		
On-Site Groundwater Extraction or Containment is Needed:	0		
On-Site Groundwater Extraction or Containment Started:	0		
Off-Site Groundwater Extraction or Containment is Needed:	0		
Off-Site Groundwater Extraction or Containment Started:	0		
Length of Contamination Plume (Feet):	0		
Depth of Contamination Plume (Feet):	0		
Wells Closed Due To Contamination of Site:	0		
Date of Wells Closure:	0		
Nearest Public or Private Drinking Water Well (Feet):	0		
Under Jurisdiction of Lead Agency Date:	0		
Latitude/Longitude:	38 / -122		
Flow Rate:	0		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**DEL MONTE CORP., PLANT #35 (Continued)**

1000124534

Flow Date:  
 Percent of Contaminants Contained: 0  
 Contaminant Type:  
 EPA ID:  
 Stages of Site Investigation Process Initiated:  
 Begun Characterization : Not reported  
 Completed Characterization : Not reported  
 Begun Remediation: Not reported  
 Completed Remediation: Not reported  
 Submitted Remediation Plan: Not reported  
 Approved Remediation Plan: Not reported  
 Begun Final Remedial Action: Not reported  
 Completed Final Remedial Action: Not reported  
 Facility Desc: Not reported  
 Comment: Not reported

**UST HIST:**

Facility ID: 652  
 Tank Num: 1 Container Num: 1  
 Tank Capacity: 25000 Year Installed: Not reported  
 Tank Used for: WASTE  
 Type of Fuel: Not Reported Tank Construction: Not reported  
 Leak Detection: None  
 Contact Name: W.W. BERRIS Telephone: (415) 420-2500  
 Total Tanks: 0 Region: STATE  
 Facility Type: 2 Other Type: FRUIT CANNERY

Facility ID: 652  
 Tank Num: 2 Container Num: 2  
 Tank Capacity: 500 Year Installed: Not reported  
 Tank Used for: WASTE  
 Type of Fuel: REGULAR Tank Construction: Not reported  
 Leak Detection: None  
 Contact Name: W.W. BERRIS Telephone: (415) 420-2500  
 Total Tanks: 0 Region: STATE  
 Facility Type: 2 Other Type: FRUIT CANNERY

Facility ID: 652  
 Tank Num: 3 Container Num: 3  
 Tank Capacity: 0 Year Installed: Not reported  
 Tank Used for: WASTE  
 Type of Fuel: REGULAR Tank Construction: Not reported  
 Leak Detection: None  
 Contact Name: W.W. BERRIS Telephone: (415) 420-2500  
 Total Tanks: 0 Region: STATE  
 Facility Type: 2 Other Type: FRUIT CANNERY

U82  
 West  
 1/4-1/2  
 1873 ft.  
 Lower

**GEROW PROPERTIES**  
 1255 PARK AVE  
 EMERYVILLE, CA  
 Site 2 of 4 in cluster U

LUST U003300226  
 N/A

LUST Region 2:  
 Region: 2  
 Facility Id: 01-2142  
 Entered Date: 04/30/1996  
 Facility Status: Case Closed  
 Maximum Soil Concentration: 0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**GEROW PROPERTIES (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

U003300226

Maximum Groundwater Impact: 0  
 County : Alameda  
 Current Benzene: Not reported  
 MTBE Detected in GW: No  
 MTBE Detected in Soil: Not reported  
 MTBE: 0  
 MTBE Qualify: Not reported

U83  
 West  
 1/4-1/2  
 1873 ft.  
 Lower

1255 PARK AVE  
 EMERYVILLE, CA

LUST S105483452  
 N/A

Site 3 of 4 in cluster U

LUST Alameda County:  
 Region : ALAMEDA  
 Facility ID : RO0000817

U84  
 West  
 1/4-1/2  
 1873 ft.  
 Lower

GEROW PROPERTIES  
 1255 PARK AVE  
 EMERYVILLE, CA 94662

HAZNET S102430755  
 Cortese N/A  
 LUST

Site 4 of 4 in cluster U

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number 01-2142  
 Reg Board: San Francisco Bay Region  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Undefined  
 Status: Case Closed  
 County: Alameda  
 Review Date: 4/30/1996  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: 5/3/1996  
 Release Date: 11/15/1995  
 Cleanup Fund Id : Not reported  
 Discover Date : 11/14/1995  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 4/30/1996  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Interim : Not reported  
 Leak Cause: Corrosion  
 Leak Source: Tank  
 MTBE Date : Not reported  
 Max MTBE GW : Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: Not reported  
 Local Case # : 5510

Confirm Leak: 4/30/1996  
 Prelim Assess: Not reported  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

GEROW PROPERTIES (Continued)

S102430755

Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 8/7/1996  
Stop Date : 11/14/1995  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600101968  
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: 10119.029721284117924176888663  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

HAZNET:

Gepaid: CAC000754528  
Tepaid: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: .8500  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: RICK GEROW  
Telephone: (510) 562-8383  
Mailing Address: 8393 CAPWELL DR  
OAKLAND, CA 94621

County 1  
Gepaid: CAC000754528  
Tepaid: CAL000048571  
Gen County: 1  
Tsd County: Santa Clara  
Tons: 5.4210  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: RICK GEROW  
Telephone: (510) 562-8383  
Mailing Address: 8393 CAPWELL DR  
OAKLAND, CA 94621  
County 1

CORTESE:

Reg Id: 01-2142  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

85  
 NNE 945 - 53RD ST LUST S105482997  
 1/4-1/2 OAKLAND, CA N/A  
 1935 ft.  
 Higher

LUST Alameda County:  
 Region : ALAMEDA  
 Facility ID : RO0000075

86 AC TRANSIT CA FID UST S101579927  
 NW 1177 47TH ST LUST N/A  
 1/4-1/2 EMERYVILLE, CA 94608  
 2015 ft.  
 Higher

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number 01-0025  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Other ground water affected  
 Status: Pollution Characterization  
 County: Alameda  
 Abate Method: 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: Not reported  
 Workplan: 9/14/1987  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 7/15/1988  
 Cleanup Fund Id : Not reported  
 Discover Date : 7/15/1988  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 7/15/1988  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 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 # : 01-0025  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifies : Not reported  
 Hydr Basin #: Not reported  
 Operator : Not reported  
 Oversight Prgm: Local Oversight Program UST

Confirm Leak: Not reported  
 Prelim Assess: 9/14/1987  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**AC TRANSIT (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

S101579927

Oversight Prgm : LOP  
 Review Date : 9/8/1999  
 Stop Date : 7/15/1988  
 Work Suspended N  
 Responsible Party BLANK RP  
 RP Address: Not reported  
 Global Id: T0600100021  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mlbe Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To LUST: 10402.085797328224678074169166  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000402

FID:

Facility ID:	01000017	Regulate ID:	CAD981389
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 891-4928
Mail To:	Not reported PO BOX EMERYVILLE, CA 94608		
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		

V87  
 NNE  
 1/4-1/2  
 2120 ft.  
 Higher

**RED TOP ELECTRIC INC**  
**4377 ADELINE ST**  
**EMERYVILLE, CA 94608**

LUST S104162471  
 N/A

**Site 1 of 2 in cluster V**

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1725  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Undefined  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported  
 Workplan: 1/2/1965  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 12/5/1991  
 Cleanup Fund Id : Not reported

Confirm Leak:	Not reported
Prelim Assess:	1/2/1965
Remed Plan:	Not reported
Monitoring:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

RED TOP ELECTRIC INC (Continued)

S104162471

Discover Date : 12/5/1991  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 6/22/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : No  
Leak Cause: Unknown  
Leak Source: Unknown  
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 # : 4261  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 2/23/2000  
Stop Date : 12/5/1991  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101596  
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: 8529.573095617261741672586924  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1725  
Entered Date: 06/22/1993  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

V88 RED TOP ELECTRIC CO. EMERYVILL  
NNE 4377 ADELIN ST  
1/4-1/2 EMERYVILLE, CA 94608  
Higher Site 2 of 2 in cluster V

CA FID UST S101624449  
Cortese N/A  
LUST

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**RED TOP ELECTRIC CO. EMERYVILL (Continued)**

S101624449

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000339

CORTESE:

Reg Id: 01-1725  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

W89  
SE  
1/4-1/2  
2139 ft.  
Higher

**NEIGHBORHOOD LAUNDROMAT**  
3838 WEST ST  
OAKLAND, CA 94608

Cortese S102434304  
LUST N/A

**Site 1 of 2 in cluster W**

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1726  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Soil only  
Status: Preliminary site assessment underway  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: 8/22/1996  
Workplan: 1/2/1965  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 1/30/1992  
Cleanup Fund Id: Not reported  
Discover Date: 1/8/1992  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 6/22/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: No  
Leak Cause: Corrosion  
Leak Source: Tank  
MTBE Date: 1/2/1965  
Max MTBE GW: 0  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 4262  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP

Confirm Leak: 8/22/1996  
Prelim Assess: 1/2/1965  
Remed Plan: Not reported  
Monitoring: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

NEIGHBORHOOD LAUNDROMAT (Continued)

S102434304

Review Date : 10/18/2001  
Stop Date : 1/8/1992  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id. T0600101597  
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: 6936.0139088000878685136160216  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1726  
Entered Date: 06/22/1993  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Quality: ND

CORTESE:

Reg Id: 01-1726  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

W90  
SE  
1/4-1/2  
2139 ft.  
Higher

3838 WEST ST  
OAKLAND, CA

LUST S105483105  
N/A

Site 2 of 2 in cluster W

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000242

X91  
SSW  
1/4-1/2  
2153 ft.  
Lower

CITY OF PARIS CLEANERS  
3516 ADELIN ST  
OAKLAND, CA 94608

LUST S102428036  
N/A

Site 1 of 2 in cluster X

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-0415  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CITY OF PARIS CLEANERS (Continued)

S102428036

Case Type: Other ground water affected  
Status: Preliminary site assessment underway  
County: Alameda  
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants  
Review Date: Not reported  
Workplan: 6/5/1992  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 10/4/1990  
Cleanup Fund Id : Not reported  
Discover Date : 10/4/1990  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 11/27/1990  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date : 1/2/1965  
Max MTBE GW : 5  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 819  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : <  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 4/3/2001  
Stop Date : 11/8/1990  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600100379  
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: 7937.853575043317577534057257  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:  
Region: 2  
Facility Id: 01-0415

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**CITY OF PARIS CLEANERS (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Entered Date: 11/27/1990  
 Facility Status: Preliminary site assessment underway  
 Maximum Soil Concentration: 1000  
 Maximum Groundwater Impact: 0  
 County: Alameda  
 Current Benzene: Not reported  
 MTBE Detected in GW: No  
 MTBE Detected in Soil: Not reported  
 MTBE: 0  
 MTBE Qualify: Not reported

S102428036

X92  
 SSW  
 1/4-1/2  
 2153 ft.  
 Lower

**CITY OF PARIS CLEANING AND DRY**  
 3516 ADELIN ST  
 OAKLAND, CA 94608

CA FID UST  
 Cortese  
 LUST

S101624417  
 N/A

Site 2 of 2 in cluster X

LUST Alameda County:  
 Region: ALAMEDA  
 Facility ID: RO0000133

CORTESE:  
 Reg Id: 01-0415  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

Y93  
 South  
 1/4-1/2  
 2169 ft.  
 Lower

**TOSCANA BAKING COMPANY**  
 4070 SAN PABLO AVE  
 EMERYVILLE, CA 94608

CA FID UST  
 LUST

S101629613  
 N/A

Site 1 of 6 in cluster Y

LUST Alameda County:  
 Region: ALAMEDA  
 Facility ID: RO0000171

Y94  
 South  
 1/4-1/2  
 2169 ft.  
 Lower

**SAN FRANCISCO FRENCH BREA**  
 4070 SAN PABLO  
 OAKLAND, CA 94621

Cortese

S103065901  
 N/A

Site 2 of 6 in cluster Y

CORTESE:  
 Reg Id: 01-1289  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

Y95  
 South  
 1/4-1/2  
 2169 ft.  
 Lower

**SAN FRANCISCO FRENCH BREAD COMPANY**  
 4070 SAN PABLO AVE  
 EMERYVILLE, CA 94608

LUST

S103878922  
 N/A

Site 3 of 6 in cluster Y

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1289  
 Reg Board: San Francisco Bay Region

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SAN FRANCISCO FRENCH BREAD COMPANY (Continued)

S103878922

Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Undefined  
Status: Preliminary site assessment underway  
County: Alameda  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, 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: 3/13/1992  
Workplan: 1/2/1965  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 5/24/1989  
Cleanup Fund Id : Not reported  
Discover Date : 5/24/1989  
Enforcement Dt : 3/13/1992  
Enf Type: Not reported  
Enter Date : 10/4/1989  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 # : 1509  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 2/23/2000  
Stop Date : 5/24/1989  
Work Suspended N  
Responsible PartyBLANK RP  
RP Address: Not reported  
Global Id: T0600101186  
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: 9340.844227950750482027632811  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

SAN FRANCISCO FRENCH BREAD COMPANY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S103878922

LUST Region 2:  
Region: 2  
Facility Id: 01-1289  
Entered Date: 10/04/1989  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

Y96  
South  
1/4-1/2  
2297 ft.  
Lower

4000 SAN PABLO AVENUE  
EMERYVILLE, CA 94608

CHMIRS S100219989  
N/A

Site 4 of 6 in cluster Y

CHMIRS:  
OES Control Number: 9011273 DOT ID: 1203  
DOT Hazard Class: Flammable liquid  
Chemical Name: GASOLINE  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: .5  
Environmental Contamination: Ground Property Use: County/City Road  
Incident Date: 11-JUN-90 Date Completed: 11-JUN-90  
Time Completed : 1545  
Physical State Stored : Liquid  
Physical State Released : Liquid  
Release Unit : Gallons  
Container Description : Not reported  
Container Type : Not reported  
Container Material : Not reported  
Level Of Container : Not reported  
Container Capacity : 0  
Container Capacity Units (code) : Not reported  
Extent Of Release (code) : 5  
Agency Id Number : 1715  
Agency Incident Number : UNKNOWN  
OES Incident Number : 9011273  
Time Notified : 1410  
Surrounding Area : 500  
Estimated Temperature : 80  
Property Management : C  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S100219989

Others Number Of Fatalities : 0  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CADOT/PUC/ICC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : GILBERT M. WISTAR  
 Report Date : 12-JUN-90  
 Comments : Yes  
 Facility Telephone Number : 415 271-4320

Y97  
 South  
 1/4-1/2  
 2297 ft.  
 Lower

NGOW AUTO CENTER & BODY  
 177 TOWNSEND STREET  
 , CA

UST U001599259  
 HIST UST N/A  
 LUST

Site 5 of 6 in cluster Y

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number 01-1938  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment workplan submitted  
 County: Alameda  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Review Date: 7/6/1994	Confirm Leak: 7/6/1994
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: 1/17/1994  
 Cleanup Fund Id : Not reported  
 Discover Date : 7/15/1993  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 8/25/1994  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Other Means  
 How Stopped: Remove Contents  
 Interim : Not reported  
 Leak Cause: Other Cause  
 Leak Source: Tank  
 MTBE Date : 1/2/1965  
 Max MTBE GW : 350  
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
 Priority: Not reported  
 Local Case # : 567  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifies : Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**NGOW AUTO CENTER & BODY (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

U001599259

Hydr Basin #: Not reported  
 Operator : Not reported  
 Oversight Prgm: Local Oversight Program UST  
 Oversight Prgm : LOP  
 Review Date : 9/6/2000  
 Stop Date : 7/15/1993  
 Work Suspended **N**  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600101794  
 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: 9263.202402955470654444934104  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported

**LUST Region 2:**

Region: 2  
 Facility Id: 01-1938  
 Entered Date: 08/25/1994  
 Facility Status: Preliminary site assessment workplan submitted  
 Maximum Soil Concentration: 640  
 Maximum Groundwater Impact: 350  
 County : Alameda  
 Current Benzene: 1  
 MTBE Detected in GW: 350  
 MTBE Detected in Soil: Not reported  
 MTBE: 0  
 MTBE Qualify: 350

**UST HIST:**

Facility ID:	48043	Container Num:	002
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	6000	Tank Construction:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 658-0744
Type of Fuel:	REGULAR	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	C.L. CELIS		
Total Tanks:	6		
Facility Type:	1		
Facility ID:	48043	Container Num:	001
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	7500	Tank Construction:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 658-0744
Type of Fuel:	DIESEL	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	C.L. CELIS		
Total Tanks:	6		
Facility Type:	1		
Facility ID:	48043	Container Num:	003
Tank Num:	3	Year Installed:	Not reported
Tank Capacity:	3500		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**NGOW AUTO CENTER & BODY (Continued)**

U001599259

Tank Used for: PRODUCT  
 Type of Fuel: PREMIUM  
 Leak Detection: Stock Inventor  
 Contact Name: C.L. CELIS  
 Total Tanks: 6  
 Facility Type: 1

Tank Construction: Not reported  
 Telephone: (415) 658-0744  
 Region: STATE  
 Other Type: Not reported

Facility ID: 48043  
 Tank Num: 4  
 Tank Capacity: 4000  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Leak Detection: Stock Inventor  
 Contact Name: C.L. CELIS  
 Total Tanks: 6  
 Facility Type: 1

Container Num: 004  
 Year Installed: Not reported  
 Tank Construction: Not reported  
 Telephone: (415) 658-0744  
 Region: STATE  
 Other Type: Not reported

Facility ID: 48043  
 Tank Num: 5  
 Tank Capacity: 2000  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Leak Detection: Stock Inventor  
 Contact Name: C.L. CELIS  
 Total Tanks: 6  
 Facility Type: 1

Container Num: 005  
 Year Installed: Not reported  
 Tank Construction: Not reported  
 Telephone: (415) 658-0744  
 Region: STATE  
 Other Type: Not reported

Facility ID: 48043  
 Tank Num: 6  
 Tank Capacity: 500  
 Tank Used for: WASTE  
 Type of Fuel: WASTE OIL  
 Leak Detection: Stock Inventor  
 Contact Name: C.L. CELIS  
 Total Tanks: 6  
 Facility Type: 1

Container Num: 006  
 Year Installed: Not reported  
 Tank Construction: Not reported  
 Telephone: (415) 658-0744  
 Region: STATE  
 Other Type: Not reported

**UST San Francisco County:**

Facility ID: 567  
 Tank ID: Not reported  
 Manufacturer: Not reported  
 Other Interior Lining: Not reported  
 Receive Date: 8/5/87 0:00:00  
 Owner Name: Not reported  
 Certified Date: Not reported  
 Flag: CLOSED  
 Other Corrosion Protection: Not reported  
 Drop Tube: Not reported  
 Striker Plate: Not reported  
 Contents A: Not reported  
 Contents B: Not reported  
 Contents C: Not reported  
 Mailing Name: Not reported  
 Mailing Address: Not reported  
 Other Substance: Not reported  
 Tank Construction Type: Not reported  
 Tank Material: Not reported  
 Interior Lining: Not reported

Case Number: Not reported  
 Tank Capacity: Not reported  
 Date Installed: Not reported  
 Close Date: 8/17/87 0:00:00  
 Dispenser: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**NGOW AUTO CENTER & BODY (Continued)**

U001599259

Corrosion Protection: Not reported  
 Spill Contamination Installed Date: Not reported  
 Overfill Prevention Installed Date: Not reported  
 Piping Type: Not reported  
 Piping Aboveground: Not reported  
 Piping Underground: Not reported  
 Piping Construction: Not reported  
 Piping Construction Aboveground: Not reported  
 Piping Construction Underground: Not reported  
 Piping Material: Not reported  
 Other Piping Material: Not reported  
 Piping Material Aboveground: Not reported  
 Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filling: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

Y98  
 South  
 1/4-1/2  
 2297 ft.  
 Lower

**CELIS TEXACO SERVICE STATION**  
 4000 SAN PABLO AVE  
 EMERYVILLE, CA 94608

CA FID UST S101624414  
 Cortese N/A  
 LUST

Site 6 of 6 in cluster Y

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000453

CORTESE:

Reg Id: 01-1938  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

Z99  
 West  
 1/4-1/2  
 2386 ft.  
 Lower

**CITY OF EMERYVILLE**  
 1333 PARK AVE  
 EMERYVILLE, CA 94608

CA FID UST S101580010  
 Cortese N/A  
 LUST

Site 1 of 2 in cluster Z

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000065

CORTESE:

Reg Id: 01-0403  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

CITY OF EMERYVILLE (Continued)

S101580010

FID:

Facility ID:	01000531	Regulate ID:	CAC006585
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 596-4330
Mail To:	Not reported 2200 POWELL ST EMERYVILLE, CA 94608		
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		

Z100  
West  
1/4-1/2  
2386 ft.  
Lower

EMERVILLE CITY OF  
1333 PARK AVE  
EMERYVILLE, CA 94608  
Site 2 of 2 in cluster Z

LUST S103472208  
N/A

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number:	01-0403		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency:	01000		
Case Type:	Other ground water affected		
Status:	Preliminary site assessment underway		
County:	Alameda		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	7/3/1992	Prelim Assess:	7/3/1992
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	1/2/1992		
Cleanup Fund Id:	Not reported		
Discover Date:	1/2/1992		
Enforcement Dt:	Not reported		
Enf Type:	Not reported		
Enter Date:	2/3/1992		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim:	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date:	1/2/1965		
Max MTBE GW:	0		
MTBE Tested:	MTBE Detected, Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case #:	3638		
Beneficial:	Not reported		
Staff:	CTH		
GW Qualifies:	Not reported		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**EMERVILLE CITY OF (Continued)**

S103472208

Max MTBE Soil . Not reported  
 Soil Qualifies . Not reported  
 Hydr Basin #: Not reported  
 Operator : Not reported  
 Oversight Prgm: Local Oversight Program UST  
 Oversight Prgm : LOP  
 Review Date : 4/5/2001  
 Stop Date : 1/2/1992  
 Work Suspended *N*  
 Responsible Party BLANK RP  
 RP Address: Not reported  
 Global Id: T0600100368  
 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: 10284.436481687043226292557588  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported

**LUST Region 2:**

Region: 2  
 Facility Id: 01-0403  
 Entered Date: 02/03/1992  
 Facility Status: Preliminary site assessment underway  
 Maximum Soil Concentration: 180  
 Maximum Groundwater Impact: 1  
 County : Alameda  
 Current Benzene: 1  
 MTBE Detected in GW: Yes  
 MTBE Detected in Soil: Not reported  
 MTBE: 0  
 MTBE Qualify. ND

AA101  
 SSW  
 1/4-1/2  
 2451 ft.  
 Lower

**CITY WOOD**  
 3423 HARLAN ST  
 OAKLAND, CA 94608

Cortese S102428103  
 LUST N/A

**Site 1 of 2 in cluster AA**

**State LUST:**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number 01-0181  
 Reg Board: San Francisco Bay Region  
 Chemical: Waste Oil  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Soil only  
 Status: Case Closed  
 County: Alameda  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Review Date: 3/23/1992  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported

Confirm Leak: 3/23/1992  
 Prelim Assess: Not reported  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CITY WOOD (Continued)

S102428103

Close Date: 2/15/1995  
Release Date: 8/10/1988  
Cleanup Fund Id : Not reported  
Discover Date : 8/10/1988  
Enforcement Dt : 3/23/1992  
Enf Type: Not reported  
Enter Date : 8/15/1988  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 # : 3772  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 6/20/1995  
Stop Date : 8/10/1988  
Work Suspended : N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global id: T0600100168  
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: 8454.759884352026697212019522  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0181  
Entered Date: 08/15/1988  
Facility Status: Case Closed  
Maximum Soil Concentration: 670  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

Site Database(s)

**CITY WOOD (Continued)**

**S102428103**

CORTESE:  
 Reg Id: 01-0181  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

**AA102**  
**SSW**  
**1/4-1/2**  
**2451 ft.**  
**Lower**

**3423 HARLAN ST**  
**OAKLAND, CA**

**LUST S105483699**  
**N/A**

Site 2 of 2 in cluster AA

LUST Alameda County:  
 Region : ALAMEDA  
 Facility ID : RO0001184

**AB103**  
**WSW**  
**1/4-1/2**  
**2466 ft.**  
**Lower**

**4015 HOLLIS ST**  
**EMERYVILLE, CA**

**LUST S105483159**  
**N/A**

Site 1 of 5 in cluster AB

LUST Alameda County:  
 Region : ALAMEDA  
 Facility ID : RO0000326

**AB104**  
**WSW**  
**1/4-1/2**  
**2466 ft.**  
**Lower**

**BASHLAND INC**  
**4015 HOLLIS ST**  
**EMERYVILLE, CA 94608**

**Cortese S102424989**  
**LUST N/A**

Site 2 of 5 in cluster AB

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1723  
 Reg Board: San Francisco Bay Region  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Undefined  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Review Date: Not reported  
 Workplan: 1/2/1965  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 4/20/1992  
 Cleanup Fund Id : Not reported  
 Discover Date : 4/20/1992  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 6/22/1993  
 Funding: Federal Funds  
 Staff Initials: UNK  
 Confirm Leak: Not reported  
 Prelim Assess: 1/2/1965  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BASHLAND INC (Continued)

S102424989

How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Yes  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case # : 4251  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 6/21/1995  
Stop Date : 4/7/1992  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101594  
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: 9690.34807061450986347130178  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1723  
Entered Date: 06/22/1993  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1723  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AB105  
WSW 4001 HOLLIS ST  
1/4-1/2 EMERYVILLE, CA  
2468 ft.  
Lower Site 3 of 5 in cluster AB

LUST S105483176  
N/A

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S105483176

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000369

AB106 ABBETT ELECTRIC CORPORATION  
 WSW 1850 BRYANT STREET  
 1/4-1/2 , CA  
 2468 ft.  
 Lower Site 4 of 5 in cluster AB

UST U001599254  
 HIST UST N/A  
 Cortese  
 LUST

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0155  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported  
 Workplan: 1/2/1965  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 12/2/1992  
 Cleanup Fund Id : Not reported  
 Discover Date : 12/2/1991  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 6/9/1992  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 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 # : 1851  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifies : Not reported  
 Hydr Basin #: Not reported  
 Operator : Not reported  
 Oversight Prgm: Local Oversight Program UST  
 Oversight Prgm : LOP  
 Review Date : 6/21/1995  
 Stop Date : 12/2/1991  
 Work Suspended N  
 Responsible Party BLANK RP

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

ABBETT ELECTRIC CORPORATION (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U001599254

RP Address: Not reported  
Global Id: T0600100144  
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: 9658.338824825321862749118147  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0155  
Entered Date: 06/09/1992  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 3  
Maximum Groundwater Impact: 8800  
County: Alameda  
Current Benzene: 240  
MTBE Detected in GW: 8800  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-0155  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

UST HIST:

Facility ID: 6003  
Tank Num: 1  
Tank Capacity: 2000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Leak Detection: Visual, Stock Inventor  
Contact Name: Not reported  
Total Tanks: 1  
Facility Type: 2  
Container Num: 001  
Year Installed: Not reported  
Tank Construction: Not reported  
Telephone: (415) 653-1166  
Region: STATE  
Other Type: PUBLIC WAREHOUSE

UST San Francisco County:

Facility ID: 1851  
Tank ID: Not reported  
Manufacturer: Not reported  
Other Interior Lining: Not reported  
Receive Date: 9/27/94 0:00:00  
Owner Name: Not reported  
Certified Date: 10/27/95 0:00:00  
Flag: CLOSED  
Other Corrosion Protection: Not reported  
Drop Tube: Not reported  
Striker Plate: Not reported  
Contents A: Not reported  
Contents B: Not reported  
Contents C: Not reported  
Mailing Name: Not reported  
Mailing Address: Not reported  
Case Number: Not reported  
Tank Capacity: Not reported  
Date Installed: Not reported  
Close Date: 10/27/94 0:00:00  
Dispenser: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ABBETT ELECTRIC CORPORATION (Continued)**

**U001599254**

Other Substance: Not reported  
 Tank Construction Type: Not reported  
 Tank Material: Not reported  
 Interior Lining: Not reported  
 Corrosion Protection: Not reported  
 Spill Contamination Installed Date: Not reported  
 Overfill Prevention Installed Date: Not reported  
 Piping Type: Not reported  
 Piping Aboveground: Not reported  
 Piping Underground: Not reported  
 Piping Construction: Not reported  
 Piping Construction Aboveground: Not reported  
 Piping Construction Underground: Not reported  
 Piping Material: Not reported  
 Other Piping Material: Not reported  
 Piping Material Aboveground: Not reported  
 Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filling: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

**AB107  
 WSW  
 1/4-1/2  
 2468 ft.  
 Lower**

**RESIDENCE  
 2812 LYON STREET  
 , CA**

**UST U003803143  
 LUST N/A**

**Site 5 of 5 in cluster AB**

**State LUST:**

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1223  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Other ground water affected  
 Status: Remedial action (cleanup) Underway  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported  
 Workplan: 12/15/1990  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 3/15/1990  
 Cleanup Fund Id: Not reported  
 Discover Date: 5/25/1988  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 3/9/1992  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure

Confirm Leak: Not reported  
 Prelim Assess: 12/15/1990  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

RESIDENCE (Continued)

U003803143

How Stopped: Close Tank  
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 # : 1667  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 1/23/1995  
Stop Date : 5/25/1988  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101124  
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: 9741.294076040508227321088254  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

UST San Francisco County:

Facility ID:	1667	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Manufacturer:	Not reported	Date Installed:	Not reported
Other Interior Lining:	Not reported		
Receive Date:	4/6/94 0:00:00	Close Date:	4/15/94 0:00:00
Owner Name:	Not reported		
Certified Date:	6/2/94 0:00:00		
Flag:	CLOSED		
Other Corrosion Protection:	Not reported		
Drop Tube:	Not reported	Dispenser:	Not reported
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Name:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**RESIDENCE (Continued)**

U003803143

Piping Type: Not reported  
 Piping Aboveground: Not reported  
 Piping Underground: Not reported  
 Piping Construction: Not reported  
 Piping Construction Aboveground: Not reported  
 Piping Construction Underground: Not reported  
 Piping Material: Not reported  
 Other Piping Material: Not reported  
 Piping Material Aboveground: Not reported  
 Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filling: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

108  
 West  
 1/4-1/2  
 2501 ft.  
 Lower

**DEL MONTE PLANT #35**  
 4202 HOLLIS ST  
 EMERYVILLE, CA

Cortese S101306379  
 LUST N/A

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0481  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Other ground water affected  
 Status: Pollution Characterization  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported  
 Workplan: 5/3/1989  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 3/4/1986  
 Cleanup Fund Id: Not reported  
 Discover Date: 3/4/1986  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 3/4/1986  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 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.

Confirm Leak: Not reported  
 Prelim Assess: 5/3/1989  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

DEL MONTE PLANT #35 (Continued)

S101306379

Priority: Not reported  
Local Case #: 01-0481  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 12/26/1989  
Stop Date: 3/4/1986  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100437  
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: 10449.450331381606022600523366  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0481  
Entered Date: 03/04/1986  
Facility Status: Pollution Characterization  
Maximum Soil Concentration: 1500  
Maximum Groundwater Impact: 6200  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: 6200  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-0481  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

109  
SSW  
1/4-1/2  
2518 ft.  
Lower

CITY OF MORGAN HILL CORP  
3427 MAGNOLIA  
OAKLAND, CA 94608

Cortese S105025302  
N/A

CORTESE:

Reg Id: 2827  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)      EDR ID Number  
 EPA ID Number

AC110      DOUGCO INC  
 SSW        1073 34TH ST  
 1/4-1/2    OAKLAND, CA 94608  
 2535 ft.  
 Lower

Cortese      S102428923  
 LUST        N/A

Site 1 of 2 in cluster AC

State LUST:

Cross Street:	Not reported	Confirm Leak:	2/17/1993
Qty Leaked:	Not reported	Prelim Assess:	1/2/1965
Case Number:	01-0854	Remed Plan:	Not reported
Reg Board:	San Francisco Bay Region	Monitoring:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Other ground water affected		
Status:	Preliminary site assessment underway		
County:	Alameda		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	2/17/1993		
Workplan:	1/2/1965		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	Not reported		
Release Date:	12/7/1989		
Cleanup Fund Id :	Not reported		
Discover Date :	12/7/1989		
Enforcement Dt :	3/13/1992		
Enf Type:	Not reported		
Enter Date :	6/16/1993		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	1/2/1965		
Max MTBE GW :	4		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	327		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		
Oversight Prgm :	LOP		
Review Date :	7/2/2001		
Stop Date :	12/7/1989		
Work Suspended	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600100788		
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

**DOUGCO INC (Continued)**

**S102428923**

MTBE Conc: 1  
 Mtb Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To LUST: 7397.5296017076097894687336214  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported

**LUST Region 2:**

Region: 2  
 Facility Id: 01-0854  
 Entered Date: 06/16/1993  
 Facility Status: Preliminary site assessment underway  
 Maximum Soil Concentration: 0  
 Maximum Groundwater Impact: 0  
 County: Alameda  
 Current Benzene: Not reported  
 MTBE Detected in GW: No  
 MTBE Detected in Soil: Not reported  
 MTBE: 4  
 MTBE Qualify: Not reported

**CORTESE:**

Reg Id: 01-0854  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

**AC111  
 SSW  
 1/4-1/2  
 2535 ft.  
 Lower**

**1073 34TH ST  
 OAKLAND, CA  
 Site 2 of 2 in cluster AC**

**LUST S105483089  
 N/A**

LUST Alameda County:  
 Region: ALAMEDA  
 Facility ID: RO0000214

**112  
 WSW  
 1/4-1/2  
 2542 ft.  
 Lower**

**EAST BAYBRIDGE CENTER  
 YERBA BUENA AVE / HOLLIS ST  
 EMERYVILLE, CA**

**CA SLIC S101641312  
 N/A**

**SLIC Region 2:**

Facility ID: 01S0226  
 Region: 2  
 Facility Status: Inactive Not reported  
 Staff: BG Not reported  
 Last Site Update: 09/17/19  
 NPL Status: Not an NPL site Discovery Date: Not reported  
 Case List: SLIC Imaged: No  
 Date Closed: Not reported Cost Recovery: No  
 Abate Method: 8006619 Substance: Gasoline  
 Case Type: TK Sample Date: Not reported  
 Contamination: Not reported  
 Lead: RWQCB  
 Contamination Level:  
 Number of Municipal Wells Contaminated by Site: 0  
 Number of Private Wells Contaminated by Site: 0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**EAST BAYBRIDGE CENTER (Continued)**

S101641312

Soil Removal Action Taken/Needed: 0  
 Soil Removal or Contaminant Action Started:  
 Soil Removal or Contaminant Action Completed: 0  
 On-Site Groundwater Extraction or Containment is Needed: 0  
 On-Site Groundwater Extraction or Containment Started:  
 Off-Site Groundwater Extraction or Containment is Needed:  
 Off-Site Groundwater Extraction or Containment Started:  
 Length of Contamination Plume (Feet): 0  
 Depth of Contamination Plume (Feet): 0  
 Wells Closed Due To Contamination of Site:  
 Date of Wells Closure:  
 Nearest Public or Private Drinking Water Well (Feet): 0  
 Under Jurisdiction of Lead Agency Date:  
 Latitude/Longitude: 38 / -122  
 Flow Rate: 0  
 Flow Date:  
 Percent of Contaminants Contained: 0  
 Contaminant Type:  
 EPA ID:  
 Stages of Site Investigation Process Initiated.  
   Begun Characterization : Not reported  
   Completed Characterization : Not reported  
   Begun Remediation: Not reported  
   Completed Remediation: Not reported  
   Submitted Remediation Plan: Not reported  
   Approved Remediation Plan: Not reported  
   Begun Final Remedial Action: Not reported  
   Completed Final Remedial Action: Not reported  
 Facility Desc: Not reported  
 Comment: Not reported

AD113  
 NW  
 1/4-1/2  
 2555 ft.  
 Higher

R/O 1084 53RD STREET  
 OAKLAND, CA 94608  
 Site 1 of 2 in cluster AD

CHMIRS S100277140  
 N/A

CHMIRS:

OES Control Number: 9115043 DOT ID. 1707  
 DOT Hazard Class: Radioactive material  
 Chemical Name: THALLIUM - 201  
 Extent of Release: Not reported  
 CAS Number: 7440280 Quantity Released: 6.6  
 Environmental Contamination: None Reported Property Use: Residential  
 Incident Date: 17-JAN-91 Date Completed: 17-JAN-91  
 Time Completed : 1700  
 Physical State Stored : Liquid  
 Physical State Released : Not reported  
 Release Unit : Not reported  
 Container Description : 2  
 Container Type : Box Or Carton  
 Container Material : Plastic , Flexible  
 Level Of Container : Ground Level  
 Container Capacity : 6.6  
 Container Capacity Units (code) : Not reported  
 Extent Of Release (code) : 8  
 Agency Id Number : 1075  
 Agency Incident Number : 910703N  
 OES Incident Number : 9115043

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

(Continued)

S100277140

Time Notified : 1503  
Surrounding Area : 400  
Estimated Temperature : 65  
Property Management : P  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : LT. E.M. DICK  
Report Date : 17-JAN-91  
Comments : Yes  
Facility Telephone Number : 415 273-3856

AD114  
NW  
1/4-1/2  
2577 ft.  
Higher

A/O 1090 53RD STREET  
OAKLAND, CA 94608

CHMIRS S100277132  
N/A

Site 2 of 2 in cluster AD

CHMIRS:

OES Control Number: 9114983 DOT ID: 1707  
DOT Hazard Class: Radioactive material  
Chemical Name: THALLIUM 201  
Extent of Release: Not reported  
CAS Number: 7440280 Quantity Released: 4.4  
Environmental Contamination: None Reported Property Use: Residential  
Incident Date: 07-JAN-91 Date Completed: 17-JAN-91  
Time Completed : 1430  
Physical State Stored : Liquid  
Physical State Released : Not reported  
Release Unit : Not reported  
Container Description : 2  
Container Type : Box Or Carton  
Container Material : Plastic , Flexible  
Level Of Container : Ground Level  
Container Capacity : 4.4  
Container Capacity Units (code) : Not reported  
Extent Of Release (code) : 8  
Agency Id Number : 1075  
Agency Incident Number : 9101685  
OES Incident Number : 9114983  
Time Notified : 1201  
Surrounding Area : 400  
Estimated Temperature : 65



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100277132

Property Management : C  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : LT. E.M. DICK  
Report Date : 17-JAN-91  
Comments : Yes  
Facility Telephone Number : 415 273-3856

115  
SSE  
1/4-1/2  
2578 ft.  
Lower

E/B I-580  
OAKLAND, CA 94609

CHMIRS S100277523  
N/A

CHMIRS:

OES Control Number: 9116593 DOT ID: 1993  
DOT Hazard Class: Flammable liquid  
Chemical Name: DIESEL FUEL (MOTOR FUEL)  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 50  
Environmental Contamination: Ground Property Use: Freeway  
Incident Date: 26-APR-91 Date Completed: 26-APR-91  
Time Completed : 1633  
Physical State Stored : Liquid  
Physical State Released : Liquid  
Release Unit : Gallons  
Container Description : 3  
Container Type : 01  
Container Material : Aluminum and Aluminium alloys  
Level Of Container : 10  
Container Capacity : 150  
Container Capacity Units (code) : 2  
Extent Of Release (code) : 7  
Agency Id Number : 66  
Agency Incident Number : 91097  
OES Incident Number : 9116593  
Time Notified : 1552  
Surrounding Area : 400  
Estimated Temperature : 65  
Property Management : S  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

(Continued)

S100277523

Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personnel # Of Injuries : 0  
 Responding Agency Personnel # Of Fatalities : 0  
 Resp Agency Personnel # Of Decontaminated : 5  
 Others Number Of Decontaminated : 0  
 Others Number Of Injuries : 0  
 Others Number Of Fatalities : 0  
 Vehicle Make/year : FREIGHTLINER 1991  
 Vehicle License Number : BP93532  
 Vehicle State : CA  
 Vehicle Id Number : Not reported  
 CA/DOY/PUC/ICC Number : MC 121472  
 Company Name : WARREN TRANSPORTATION  
 Reporting Officer Name/ID : MD VENNING SGT 9843  
 Report Date : 26-APR-91  
 Comments : Yes  
 Facility Telephone Number : 916 327-3310

AE116  
 SSW  
 1/4-1/2  
 2605 ft.  
 Lower

3420 PERALTA ST  
 OAKLAND, CA  
 Site 1 of 3 in cluster AE

LUST S105483612  
 N/A

LUST Alameda County:  
 Region : ALAMEDA  
 Facility ID : RO0001065

AE117  
 SSW  
 1/4-1/2  
 2605 ft.  
 Lower

CLAWSON HIGH SCHOOL  
 3420 PERALTA ST  
 OAKLAND, CA 94608  
 Site 2 of 3 in cluster AE

LUST S102428131  
 N/A

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0427  
 Reg Board: San Francisco Bay Region  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Other ground water affected  
 Status: Case Closed  
 County: Alameda  
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Review Date: Not reported  
 Workplan: 6/11/1991  
 Pollution Char: 1/27/1998  
 Remed Action: Not reported  
 Close Date: 3/30/1999  
 Release Date: 10/9/1998  
 Cleanup Fund Id : Not reported  
 Confirm Leak: Not reported  
 Prelim Assess: 6/11/1991  
 Remed Plan: 1/27/1998  
 Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CLAWSON HIGH SCHOOL (Continued)

S102428131

Discover Date : 4/15/1991  
Enforcement Dt : 2/25/1992  
Enf Type: Not reported  
Enter Date : 1/29/1992  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 # : 3652  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 5/8/2001  
Stop Date : 4/15/1991  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100388  
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: 203.47724342202140780933105132  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0427  
Entered Date: 01/29/1992  
Facility Status: Case Closed  
Maximum Soil Concentration: 1100  
Maximum Groundwater Impact: 30000  
County : Alameda  
Current Benzene: 0  
MTBE Detected in GW: 30000  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

AE118 CLAWSON PROJECT ASSOCIATES  
SSW 3420 PERALTA ST  
1/4-1/2 OAKLAND, CA 94608  
Lower Site 3 of 3 in cluster AE

HAZNET S103957717  
Cortese N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CLAWSON PROJECT ASSOCIATES (Continued)

S103957717

HAZNET:

Gepaid: CAC001464344  
Tepaid: UTAH94 22  
Gen County: 1  
Tsd County: 0  
Tons: 240,0000  
Category: Contaminated soil from site clean-ups  
Disposal Method: Disposal, Land Fill  
Contact: CLAWSON PROJECT ASSOC  
Telephone: (510) 655-8821  
Mailing Address: 4096 PIEDMONT AVE STE 333  
OAKLAND, CA 94611  
County 1

CORTESE:

Reg Id: 01-0427  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AF119  
South  
1/4-1/2  
2620 ft.  
Lower

OAKLAND FIRE STATION #5  
934 34TH ST  
OAKLAND, CA 94609

Cortese S102434568  
LUST N/A

Site 1 of 2 in cluster AF

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 01-1836  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Undefined  
Status: Case Closed  
County: Alameda  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
Review Date: 8/4/1993  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 2/16/1996  
Release Date: 7/23/1993  
Cleanup Fund Id : Not reported  
Discover Date : 7/13/1993  
Enforcement Dt : 8/4/1993  
Enf Type: Not reported  
Enter Date : 11/9/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Yes  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.

Confirm Leak: 8/4/1993  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OAKLAND FIRE STATION #5 (Continued)

S102434568

Priority: Not reported  
Local Case #: 4599  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 3/18/1996  
Stop Date: 7/13/1993  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101702  
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: 6911.8403541901886138364086449  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1836  
Entered Date: 11/09/1993  
Facility Status: Case Closed  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1836  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AF120  
South  
1/4-1/2  
2620 ft.  
Lower

934 34TH ST  
OAKLAND, CA

Site 2 of 2 in cluster AF

LUST Alameda County:

Region: ALAMEDA  
Facility ID: RO0001041

LUST S105483593  
N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

121  
SE  
1/2-1  
2678 ft.  
Higher

RD MINER COMPANY  
750 37TH ST  
OAKLAND, CA

Cortese  
LUST S102435598  
N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1221  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Soil only  
Status: Leak being confirmed  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: 8/10/1987  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 8/10/1987  
Cleanup Fund Id: Not reported  
Discover Date: 8/10/1987  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 8/10/1987  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 #: 01-1221  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 4/20/1990  
Stop Date: 8/10/1987  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101123  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

RD MINER COMPANY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102435598

Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 6347.2584159763494250499431369  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

CORTESE:

Reg Id: 01-1221  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AG122  
SE  
1/2-1  
2682 ft.  
Higher

ARCO  
731 MACARTHUR BLVD W  
OAKLAND, CA 94609

Cortese S104162485  
LUST N/A

Site 1 of 2 in cluster AG

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-0115  
Reg Board: San Francisco Bay Region  
Chemical: Misc. Motor Vehicle Fuels  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Undefined  
Status: Leak being confirmed  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: 4/15/1988  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 4/15/1988  
Cleanup Fund Id: Not reported  
Discover Date: 4/15/1988  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 8/7/1988  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 #: 01-0115  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ARCO (Continued)

S104162485

Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 7/26/1988  
Stop Date : 4/15/1988  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100107  
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: 5706.4427717747611704248785646  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
  
Cross Street: WEST BLVD  
Qty Leaked: Not reported  
Case Number 01-0118  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Other ground water affected  
Status: Remedial action (cleanup) Underway  
County: Alameda  
Abate Method: Remove Free Product - remove floating product from water table, 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: Not reported Confirm Leak: Not reported  
Workplan: 3/30/1983 Prelim Assess: 3/30/1983  
Pollution Char: Not reported Remed Plan: Not reported  
Remed Action: Not reported Monitoring: Not reported  
Close Date: Not reported  
Release Date: 11/24/1982  
Cleanup Fund Id : Not reported  
Discover Date : 9/6/1993  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 4/9/1992  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Other Means  
How Stopped: Other Means  
Interim : Yes  
Leak Cause: Overfill  
Leak Source: Other Source  
MTBE Date : 6/12/2001  
Max MTBE GW : 4700  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 3874  
Beneficial: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ARCO (Continued)

S104162485

Staff : CTH  
GW Qualifies : =  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 7/6/2001  
Stop Date : 9/6/1993  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100110  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 2  
Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 5184.8952696671118580810769163  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0118  
Entered Date: 04/09/1992  
Facility Status: Remedial action (cleanup) Underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 130000  
County : Alameda  
Current Benzene: 1700  
MTBE Detected in GW: 130000  
MTBE Detected in Soil: Not reported  
MTBE: 4700  
MTBE Qualify: =

CORTESE:

Reg Id: 01-0118  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AG123  
SE  
1/2-1  
2682 ft.  
Higher

731 WEST MACARTHUR BLVD.  
OAKLAND, CA 94608

CHMIRS S100276817  
N/A

Site 2 of 2 in cluster AG

CHMIRS:

OES Control Number: 9100548 DOT ID: 1203  
DOT Hazard Class: Flammable liquid  
Chemical Name: GASOLINE  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 20  
Environmental Contamination: Air Property Use: Mercantile, Business  
Incident Date: 25-JUN-91 Date Completed: 25-JUN-91  
Time Completed : 930  
Physical State Stored : Liquid  
Physical State Released : Liquid

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100276817

Release Unit : Gallons  
Container Description : 1  
Container Type : Not reported  
Container Material : Not reported  
Level Of Container : Not reported  
Container Capacity : 0  
Container Capacity Units (code) : Not reported  
Extent Of Release (code) : 6  
Agency Id Number : 1075  
Agency Incident Number : 9117912  
OES Incident Number : 9100548  
Time Notified : 804  
Surrounding Area : 400  
Estimated Temperature : 65  
Property Management : P  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : DAIV FLETCHER  
Report Date : 25-JUN-91  
Comments : Yes  
Facility Telephone Number : 415 273-3856

124  
SE  
1/2-1  
2697 ft.  
Higher

VACANT LOT ACROSS FROM 3820 MARTIN LUTHE  
OAKLAND, CA 94609

CHMIRS S100275210  
N/A

CHMIRS:

OES Control Number: Not reported DOT ID: Not reported  
DOT Hazard Class: Not Reported  
Chemical Name: Not reported  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: Not reported  
Environmental Contamination: None Reported Property Use: Not reported  
Incident Date: Not reported Date Completed: Not reported  
Time Completed : 1221  
Physical State Stored : Not reported  
Physical State Released : Not reported  
Release Unit : Not reported  
Container Description : Not reported  
Container Type : Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100275210

Container Material : Not reported  
Level Of Container : Not reported  
Container Capacity : Not reported  
Container Capacity Units (code) : Not reported  
Extent Of Release (code) : Not reported  
Agency Id Number : 1715  
Agency Incident Number : 99999  
OES Incident Number : Not reported  
Time Notified : 1025  
Surrounding Area : 400  
Estimated Temperature : 70  
Property Management : P  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : KATHERINE CHESICK  
Report Date : 29-NOV-89  
Comments : Not reported  
Facility Telephone Number : 415 271-4320

125  
SW  
1/2-1  
2763 ft.  
Lower

HEMSATH DRAYAGE  
1350 34TH ST  
OAKLAND, CA 94608

Cortese S102431301  
LUST N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-0507  
Reg Board: San Francisco Bay Region  
Chemical: Diesel  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Soil only  
Status: Case Closed  
County: Alameda  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
Review Date: 3/17/1992  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Confirm Leak: 3/17/1992  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

HEMSATH DRAYAGE (Continued)

S102431301

Close Date: 10/28/1994  
Release Date: 4/12/1990  
Cleanup Fund Id : Not reported  
Discover Date : 4/12/1990  
Enforcement Dt : 3/17/1992  
Enf Type: Not reported  
Enter Date : 6/20/1990  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 # : 3797  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 2/28/1995  
Stop Date : 4/12/1990  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600100461  
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: 5037.5836773450850127691635547  
Waste Discharge Global ID: Not reported  
Waste Disch Asslgned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0507  
Entered Date: 06/20/1990  
Facility Status: Case Closed  
Maximum Soil Concentration: 70  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

HEMSATH DRAYAGE (Continued)

S102431301

CORTESE:

Reg Id: 01-0507  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

126  
NNW  
1/2-1  
2774 ft.  
Higher

PARINA ENTERPRISES  
5433 SAN PABLO AVE  
OAKLAND, CA 94608

Cortese S100455575  
LUST N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1138  
Reg Board: San Francisco Bay Region  
Chemical: Xylene  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Soil only  
Status: Leak being confirmed  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: 4/30/1990  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 4/30/1990  
Cleanup Fund Id: Not reported  
Discover Date: 4/30/1990  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 5/22/1990  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 #: 01-1138  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 9/13/1994  
Stop Date: 4/30/1990  
Work Suspended: N

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PARINA ENTERPRISES (Continued)**

S100455575

Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600101048  
 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: 8999.593241607827686815079538  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported

**CORTESE:**

Reg Id: 01-1138  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

AH127  
 WNW  
 1/2-1  
 2786 ft.  
 Lower

**PACIFIC GAS & ELECTRIC CO- EMERYVILLE**  
 4525 HOLLIS STREET  
 EMERYVILLE, CA 94608

Cal-Sites S102008233  
 DEED N/A

**Site 1 of 3 in cluster AH**

**CA DEEDS:**

Facility Id: 1490011  
 Number of Deeds: 1

**CAL-SITES:**

Facility ID: 01490011  
 Status: CERT - CERTIFIED AS HAVING BEEN REMEDIATED SATISFACTORILY UNDER DTSC  
 OVERSIGHT  
 Status Date: 11/13/1998  
 Lead: DTSC  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: CERTIFIED  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
 NPL: Not Listed  
 SIC: 49 ELECTRIC, GAS & SANITARY SERVICES  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Type Name: VCP  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: KTOTH  
 Region Water Control Board: SF - SAN FRANCISCO BAY  
 Access: Controlled  
 Cortese: C  
 Hazardous Ranking Score: 08.98  
 Date Site Hazard Ranked: 05/16/1988  
 Groundwater Contamination: Unknown  
 No. of Contamination Sources: 0  
 Lat/Long: 0' 0' 0.00" / 0' 0' 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: 14  
 State Senate District: 09

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

PACIFIC GAS & ELECTRIC CO- EMERYVILLE (Continued) S102008233

The CAL-SITES database may contain additional details for this site.  
Please contact your EDR Account Executive for more information.

AH128 WNW 1/2-1 2786 ft. Lower	PACIFIC GAS AND ELECTRIC - EMERYVILLE 4525 HOLLIS STREET EMERYVILLE, CA 94608  Site 2 of 3 in cluster AH	CA BOND EXP. PLAN	S100833266 N/A
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AH129 WNW 1/2-1 2786 ft. Lower	MATERIALS DISTRIBUTION CENTER 4525 HOLLIS ST EMERYVILLE, CA 94608  Site 3 of 3 in cluster AH	CA FID UST Cortese CA SLIC LUST	S101624440 N/A
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LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000286

CORTESE:

Reg id: 01-1799  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

SLIC Region 2:

Facility ID:	01S0026	
Region:	2	
Facility Status:	Closed - No Further Action	Not reported
Staff:	BG	Not reported
Last Site Update:	02/23/19	
NPL Status:	Not an NPL site	Discovery Date: Not reported
Case List:	SLIC	Imaged: No
Date Closed:	Not reported	Cost Recovery: YES
Abate Method:	Not reported	Substance: Not reported
Case Type:	NT	Sample Date: Not reported
Contamination:	Not reported	
Lead:	DTSC/ACDEH	
Contamination Level:		
Number of Municipal Wells Contaminated by Site:	0	
Number of Private Wells Contaminated by Site:	0	
Soil Removal Action Taken/Needed:	0	
Soil Removal or Contaminant Action Started:		
Soil Removal or Contaminant Action Completed:	0	
On-Site Groundwater Extraction or Containment is Needed:	0	
On-Site Groundwater Extraction or Containment Started:		
Off-Site Groundwater Extraction or Containment is Needed:		
Off-Site Groundwater Extraction or Containment Started:		
Length of Contamination Plume (Feet):	0	
Depth of Contamination Plume (Feet):	0	
Wells Closed Due To Contamination of Site:		
Date of Wells Closure:		
Nearest Public or Private Drinking Water Well (Feet):	0	
Under Jurisdiction of Lead Agency Date:		
Latitude/Longitude:	38 / -122	
Flow Rate:	0	
Flow Date:		
Percent of Contaminants Contained:	0	
Contaminant Type:		
EPA ID:		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MATERIALS DISTRIBUTION CENTER (Continued)**

S101624440

Stages of Site Investigation Process Initiated:  
 Begun Characterization : No  
 Completed Characterization : No  
 Begun Remediation: No  
 Completed Remediation: No  
 Submitted Remediation Plan: No  
 Approved Remediation Plan: No  
 Begun Final Remedial Action: No  
 Completed Final Remedial Action: No  
 Facility Desc: WHAREHOUSE,REPAIR SHOP,STORAGE YARD  
 Comment: Not reported

A1130  
 West  
 1/2-1  
 2807 ft.  
 Lower

**CHROMEX DIVISION**  
 1400 PARK AVE  
 EMERYVILLE, CA 94608

CA FID UST S101624416  
 Cortese N/A  
 LUST

Site 1 of 5 in cluster A1

LUST Alameda County:  
 Region : ALAMEDA  
 Facility ID : RO0000398  
 CORTESE:  
 Reg Id: 01-2392  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

A1131  
 West  
 1/2-1  
 2807 ft.  
 Lower

**CHROMEX**  
 1400 PARK AVENUE  
 EMERYVILLE, CA 94608

Cal-Sites 1000334672  
 LUST N/A

Site 2 of 5 in cluster A1

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number 01-2392  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Undefined  
 Status: Preliminary site assessment workplan submitted  
 County: Alameda  
 Review Date: 3/24/1995  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 12/20/1995  
 Cleanup Fund Id : Not reported  
 Discover Date : 12/20/1995  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 9/25/1998  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank

Confirm Leak: 3/24/1995  
 Prelim Assess: Not reported  
 Remed Plan: Not reported  
 Monitoring: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CHROMEX (Continued)**

1000334672

Interim : Not reported  
 Leak Cause: Unknown  
 Leak Source: Unknown  
 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 # : 319  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifies : Not reported  
 Hydr Basin #: Not reported  
 Operator : Not reported  
 Oversight Prgm: Local Oversight Program UST  
 Oversight Prgm : LOP  
 Review Date : 9/25/1998  
 Stop Date : 12/20/1995  
 Work Suspended **N**  
 Responsible Party:BLANK RP  
 RP Address: Not reported  
 Global Id: T0600102202  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mlbe Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported  
 Distance To Lust: 10718.600702562850361036153968  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported

**CAL-SITES:**

Facility ID 01340106  
 Status: REFR - DOES NOT REQUIRE DTSC ACTION. REFERRED TO RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) LEAD  
 Status Date: 07/29/1994  
 Lead: Not reported  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: PROPERTY/SITE REFERRED TO RCRA  
 Lead Agency: N/A Not reported  
 NPL: Not reported  
 SIC: 34 MANU - FABRICATED METAL PRODUCTS  
 Facility Type: N/A  
 Type Name: Not reported  
 Staff Member Responsible for Site: Not reported  
 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: Not reported  
 No. of Contamination Sources: 0  
 Lat/Long: 0' 0" 0.00" / 0' 0" 0.00"

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CHROMEX (Continued)**

1000334672

Lat/long Method: Not reported  
 State Assembly District Code: Not reported  
 State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

132  
 NW  
 1/2-1  
 2854 ft.  
 Same

F/O 5425 SAN PABLO  
 OAKLAND, CA 94608

CHMIRS S100277131  
 N/A

CHMIRS:

OES Control Number: 9114981 DOT ID: 1701  
 DOT Hazard Class: Radioactive material  
 Chemical Name: THALLIUM 201  
 Extent of Release: Not reported  
 CAS Number: 7440280 Quantity Released: 4.4  
 Environmental Contamination: None Reported Property Use: Residential  
 Incident Date: 17-JAN-91 Date Completed: 17-JAN-91  
 Time Completed : 630  
 Physical State Stored : Liquid  
 Physical State Released : Not reported  
 Release Unit : Not reported  
 Container Description : 2  
 Container Type : Box Or Carton  
 Container Material : Plastic , Flexible  
 Level Of Container : Ground Level  
 Container Capacity : 4.4  
 Container Capacity Units (code) : Not reported  
 Extent Of Release (code) : 8  
 Agency Id Number : 1075  
 Agency Incident Number : 910656  
 OES Incident Number : 9114981  
 Time Notified : 133  
 Surrounding Area : 400  
 Estimated Temperature : 50  
 Property Management : P  
 More Than Two Substances Involved? : Not reported  
 Special Studies 1 : Not reported  
 Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personel # Of Injuries : 0  
 Responding Agency Personel # Of Fatalities : 0  
 Resp Agncy Personel # Of Decontaminated : 0  
 Others Number Of Decontaminated : 0  
 Others Number Of Injuries : 0  
 Others Number Of Fatalities : 0  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CA/DOT/PUC/CC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : LT. E.M. DICK

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

(Continued)

S100277131

Report Date : 17-JAN-91  
 Comments : Yes  
 Facility Telephone Number : 415 273-3856

AI133  
 West  
 1/2-1  
 2928 ft.  
 Lower

ELECTRO-COATINGS  
 1421 PARK AVENUE  
 EMERYVILLE, CA 94617

CA BOND EXP. PLAN

S100833503  
 N/A

Site 3 of 5 in cluster AI

AI134  
 West  
 1/2-1  
 2941 ft.  
 Lower

1421 PARK AVE ASSOCIATES  
 1421 PARK AVE  
 EMERYVILLE, CA 94608

HAZNET  
 Cortese

S103946627  
 N/A

Site 4 of 5 in cluster AI

HAZNET:

Gepaid: CAC001266144  
 Tepaid: CAD009466392  
 Gen County: 1  
 Tsd County: 7  
 Tons: 4.5000  
 Category: Other empty containers 30 gallons or more  
 Disposal Method: Recycler  
 Contact: 1421 RK AVE ASSOC  
 Telephone: (510) 655-0507  
 Mailing Address: 181 2ND AVE STE 600  
 SAN MATEO, CA 94401  
 County 1

CORTESE:

Reg Id: 01340003  
 Region: CORTESE  
 Reg By: CALSI

AI135  
 West  
 1/2-1  
 2941 ft.  
 Lower

ELECTRO-COATINGS INC  
 1401 PARK AVENUE  
 EMERYVILLE, CA 94608

RCRIS-LQG  
 FINDS  
 CERC-NFRAP  
 Cal-Sites  
 HIST UST  
 HAZNET

1000181776  
 CAD009116229

Site 5 of 5 in cluster AI

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported  
 Non NPL Code: NFRAP  
 Ownership Status: Private

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY  
 Assessment: HRS PACKAGE  
 Assessment: PRELIMINARY ASSESSMENT  
 Assessment: SITE INSPECTION  
 Assessment: ARCHIVE SITE

Completed: 01/01/1977  
 Completed: 10/01/1981  
 Completed: 09/01/1984  
 Completed: 09/01/1986  
 Completed: 09/24/1993

CERCLIS-NFRAP Alias Name(s):

EC INDUSTRIES

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ELECTRO-COATINGS INC (Continued)**

1000181776

**RCRIS:**

Owner: L.P. HENDERSON  
 (415) 524-1586  
 EPA ID: CAD009116229  
 Contact: ENVIRONMENTAL MANAGER  
 (415) 428-1303

Classification: Large Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Biennial Reporting System (BRS)  
 Facility Registry System (FRS)  
 Resource Conservation and Recovery Act Information system (RCRAINFO)  
 Toxic Chemical Release Inventory System (TRIS)

**CAL-SITES:**

Facility ID: 01340003  
 Status: REFOA - DOES NOT REQUIRE DTSC ACTION OR OVERSITE ACTIVITY. REFERRED TO OTHER AGENCY LEAD  
 Status Date: 12/12/1994  
 Lead: Not reported  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY  
 Lead Agency: N/A Not reported  
 NPL: Not Listed  
 SIC: 34 MANU - FABRICATED METAL PRODUCTS  
 Facility Type: N/A  
 Type Name: Not reported  
 Staff Member Responsible for Site: RJONES1  
 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: 1  
 Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: Not reported  
 State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ELECTRO-COATINGS INC (Continued)

1000181776

HAZNET:

Gepaid: CAD009116229  
Tepaid: NVD980895338  
Gen County: 1  
Tsd County: 99  
Tons: 3.7530  
Category: Liquids with chromium (VI) > 500 mg/l  
Disposal Method: Treatment, Tank  
Contact: ELECTRO-COATINGS INC  
Telephone: (510) 655-0507  
Mailing Address: 1421 PARK AVE  
EMERYVILLE, CA 94608 - 3519  
County 1

Gepaid: CAD009116229  
Tepaid: CAD980675276  
Gen County: 1  
Tsd County: Kern  
Tons: 10.1136  
Category: Other inorganic solid waste  
Disposal Method: Not reported  
Contact: ELECTRO-COATINGS INC  
Telephone: (510) 655-0507  
Mailing Address: 1421 PARK AVE  
EMERYVILLE, CA 94608 - 3519  
County 1

Gepaid: CAD009116229  
Tepaid: NVD980895338  
Gen County: 1  
Tsd County: 99  
Tons: 1.8765  
Category: Liquids with chromium (VI) > 500 mg/l  
Disposal Method: Treatment, Tank  
Contact: ELECTRO-COATINGS INC  
Telephone: (510) 655-0507  
Mailing Address: 1421 PARK AVE  
EMERYVILLE, CA 94608 - 3519  
County 1

Gepaid: CAD009116229  
Tepaid: CAD981382732  
Gen County: 1  
Tsd County: 1  
Tons: 8.4280  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: ELECTRO-COATINGS INC  
Telephone: (510) 655-0507  
Mailing Address: 1421 PARK AVE  
EMERYVILLE, CA 94608 - 3519  
County 1

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ELECTRO-COATINGS INC (Continued)**

1000181776

Gepaid: CAD009116229  
 Tepaid: CAD980675276  
 Gen County: 1  
 Tsd County: Kern  
 Tons: 10.1136  
 Category: Other inorganic solid waste  
 Disposal Method: Treatment, Tank  
 Contact: ELECTRO-COATINGS INC  
 Telephone: (510) 655-0507  
 Mailing Address: 1421 PARK AVE  
 EMERYVILLE, CA 94608 - 3519  
 County 1

The CA HAZNET database contains 35 additional records for this site.  
 Please contact your EDR Account Executive for more information.

UST HIST:

Facility ID:	7192	Container Num:	ONE
Tank Num:	1	Year Installed:	1974
Tank Capacity:	1800	Tank Construction:	3/8 inches
Tank Used for:	WASTE	Telephone:	(415) 655-0507
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	Visual	Other Type:	PLATING PLANT
Contact Name:	JOHN GARRATT		
Total Tanks:	1		
Facility Type:	2		

136  
 SW  
 1/2-1  
 2942 ft.  
 Lower

**QUITON CHARTER BUS SERVICE**  
 3421 HOLLIS ST  
 OAKLAND, CA 94608

CA FID UST S101624433  
 Cortese N/A  
 LUST

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000856

CORTESE:

Reg Id: 01-0731  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

137  
 NE  
 1/2-1  
 2947 ft.  
 Higher

**53 ST. / M.L. KING JR. WAY**  
 OAKLAND, CA

CHMIRS S100278846  
 N/A

CHMIRS:

OES Control Number:	8801741	DOT ID:	1294
DOT Hazard Class:	Flammable liquid		
Chemical Name:	CARBURETOR CLEANER		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	None Reported	Property Use:	County/City Road
Incident Date:	08-JUN-88	Date Completed:	08-JUN-88
Time Completed :	1415		
Physical State Stored :	Not reported		
Physical State Released :	Not reported		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S100278846

Release Unit : Not reported  
 Container Description : 3  
 Container Type : 02  
 Container Material : Iron Steel and Other Iron Alloys  
 Level Of Container : Ground Level  
 Container Capacity : 55  
 Container Capacity Units (code) : 2  
 Extent Of Release (code) : 8  
 Agency Id Number : 1075  
 Agency Incident Number : 88-15987  
 OES Incident Number : 8801741  
 Time Notified : 1347  
 Surrounding Area : 400  
 Estimated Temperature : 75  
 Property Management : C  
 More Than Two Substances Involved? : Not reported  
 Special Studies 1 : Not reported  
 Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personnel # Of Injuries : Not reported  
 Responding Agency Personnel # Of Fatalities : Not reported  
 Resp Agency Personnel # Of Decontaminated : Not reported  
 Others Number Of Decontaminated : Not reported  
 Others Number Of Injuries : Not reported  
 Others Number Of Fatalities : Not reported  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CA/DOT/PUC/ICC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : LT. D. HALLIDAY  
 Report Date : 08-JUN-88  
 Comments : Yes  
 Facility Telephone Number : 415 444-3322

138 SHELL  
 West 1420 45TH  
 1/2-1 EMERYVILLE, CA 94608  
 3040 ft.  
 Lower

Cortese S102427978  
 N/A

CORTESE:  
 Reg Id: 01-0405  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

139 NIGHTINGALE PROPERTY  
 ENE 4629 MARTIN L KING WAY  
 1/2-1 OAKLAND, CA 94609  
 3042 ft.  
 Higher

Cortese S101293722  
 LUST N/A

State LUST:  
 Cross Street: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

NIGHTINGALE PROPERTY (Continued)

S101293722

Qty Leaked: Not reported  
Case Number: 01-1403  
Reg Board: San Francisco Bay Region  
Chemical: Heater Fuel  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Soil only  
Status: Preliminary site assessment underway  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: 7/15/1993  
Workplan: 1/2/1965  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 7/15/1992  
Cleanup Fund Id: Not reported  
Discover Date: 7/15/1992  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 6/17/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: No  
Leak Cause: Unknown  
Leak Source: Tank  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: 1489  
Beneficial: Not reported  
Staff: CTH  
GW Quallfies: Not reported  
Max MTBE Soil: Not reported  
Soil Quallfies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 8/14/2000  
Stop Date: 7/16/1993  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101297  
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: 8665.955995892172941754311815  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

NIGHTINGALE PROPERTY (Continued)

S101293722

LUST Region 2:

Region: 2  
Facility Id: 01-1403  
Entered Date: 06/17/1993  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 4000  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1403  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

140  
ENE  
1/2-1  
3111 ft.  
Higher

CHILDRENS HOSPITAL OAKLAN  
4701 MARTIN LUTHER KING D  
OAKLAND, CA 94609

Cortese S102427839  
LUST N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1724  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Undefined  
Status: Preliminary site assessment underway  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: Not reported  
Workplan: 1/2/1965  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 12/10/1990  
Cleanup Fund Id: Not reported  
Discover Date: 12/10/1990  
Enforcement Dt: Not reported  
Ent Type: Not reported  
Enter Date: 6/22/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: No  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
Priority: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CHILDRENS HOSPITAL OAKLAN (Continued)

S102427839

Local Case # : 4260  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 2/23/2000  
Stop Date : 12/10/1990  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101595  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mlbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 5730.7866817800163348184177318  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1724  
Entered Date: 06/22/1993  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1724  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

141  
WSW  
1/2-1  
3117 ft.  
Lower

WEYERHAEUSER CO  
4050 HORTON ST  
EMERYVILLE, CA 94608

CA FID UST S101630370  
Cortese N/A  
LUST

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 01-1186  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Other ground water affected

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

WEYERHAEUSER CO (Continued)

S101630370

Status: Leak being confirmed  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: 2/27/1991 Confirm Leak: 2/27/1991  
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: 2/27/1991  
Cleanup Fund Id : Not reported  
Discover Date : 12/10/1990  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 3/22/1991  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : No  
Leak Cause: Unknown  
Leak Source: Unknown  
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 # : 4255  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 1/24/2000  
Stop Date : 12/10/1990  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101092  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mlbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 10521.89280015238681291992744  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1186  
Entered Date: 03/22/1991  
Facility Status: Leak being confirmed  
Maximum Soil Concentration: 177  
Maximum Groundwater Impact: 200

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WEYERHAEUSER CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S101630370

County : Alameda  
Current Benzene: 11  
MTBE Detected in GW: 200  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Quality: Not reported

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000328

CORTESE:

Reg Id: 01-1186  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

142  
South  
1/2-1  
3144 ft.  
Lower

LOOMIS ARMORED CAR SERVICES IN  
936 BROCKHURST ST  
OAKLAND, CA 94608

CA FID UST  
Cortese  
LUST

S101624439  
N/A

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0001099

CORTESE:

Reg Id: 01-0924  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

143  
West  
1/2-1  
3209 ft.  
Lower

STUART WESTERN INC  
1461 PARK AVE  
EMERYVILLE, CA 94608

RCRIS-SQG  
FINDS  
CA FID UST  
HIST UST  
Cortese  
LUST

1000156376  
CAD064154610

RCRIS:

Owner: JURAS EILER FELDMAN BEHN  
(415) 555-1212  
EPA ID: CAD064154610  
Contact: ENVIRONMENTAL MANAGER  
(415) 621-7833

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000531

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

STUART WESTERN INC (Continued)

1000156376

CORTESE:

Reg Id: 01-1532  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID: 01001645 Regulate ID: 00044802  
Reg By: Inactive Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Inactive Facility Tel: Not reported  
Mail To: Not reported  
P O BOX  
EMERYVILLE, CA 94608  
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: 44802  
Tank Num: 1 Container Num: 1  
Tank Capacity: 3000 Year Installed: Not reported  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED Tank Construction: Not reported  
Leak Detection: None  
Contact Name: JIM CARNEY Telephone: (415) 654-7280  
Total Tanks: 2 Region: STATE  
Facility Type: 2 Other Type: WAREHOUSE  
  
Facility ID: 44802  
Tank Num: 2 Container Num: 2  
Tank Capacity: 500 Year Installed: Not reported  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported Tank Construction: Not reported  
Leak Detection: None  
Contact Name: JIM CARNEY Telephone: (415) 654-7280  
Total Tanks: 2 Region: STATE  
Facility Type: 2 Other Type: WAREHOUSE

144  
West  
1/2-1  
3223 ft.  
Lower

SHELL  
4250 HORTON ST  
EMERYVILLE, CA

Cortese S100226337  
N/A

CORTESE:

Reg Id: 01-1365  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

145  
WNW  
1/2-1  
3302 ft.  
Lower

SOUTHERN PACIFIC RIGHT-OF-WAY EMERYVILLE  
WEST OF 4525 HOLLIS STREET  
EMERYVILLE, CA 94608

Cal-Sites S102008216  
N/A

CAL-SITES:

Facility ID 01400002

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SOUTHERN PACIFIC RIGHT-OF-WAY EMERYVILLE (Continued)**

**S102008216**

Status: PEAR - PRELIMINARY ENDANGERMENT ASSESSMENT (PEA) REQUIRED  
 Status Date: 10/16/1989  
 Lead: Not reported  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: PRELIMINARY ENDANGERMENT ASSESSMENT REQUIRED  
 Lead Agency: N/A Not reported  
 NPL: Not reported  
 SIC: 40 RAILROAD TRANSPORTATION  
 Facility Type: N/A  
 Type Name: Not reported  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: Not reported  
 Region Water Control Board: SF - SAN FRANCISCO BAY  
 Access: Uncontrolled  
 Cortese: U  
 Hazardous Ranking Score: Not reported  
 Date Site Hazard Ranked: Not reported  
 Groundwater Contamination: Not reported  
 No. of Contamination Sources: 0  
 Lat/Long: 0' 0' 0.00" / 0' 0' 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: Not reported  
 State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

AJ146  
 NW  
 1/2-1  
 3343 ft.  
 Lower

**CALIFORNIA SYRUP & EXTRAC**  
**1355 55TH**  
**EMERYVILLE, CA 94608**

Cortese S104162460  
 LUST N/A

**Site 1 of 4 in cluster AJ**

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1754  
 Reg Board: San Francisco Bay Region  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Undefined  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: 8/22/1996 Confirm Leak: 8/22/1996  
 Workplan: 1/2/1965 Prelim Assess: 1/2/1965  
 Pollution Char: Not reported Remed Plan: Not reported  
 Remed Action: Not reported Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: 7/20/1993  
 Cleanup Fund Id: Not reported  
 Discover Date: 7/21/1993  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 6/22/1993  
 Funding: Federal Funds

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CALIFORNIA SYRUP & EXTRAC (Continued)

S104162460

Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Remove Contents  
Interim : No  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case # : 01-4592  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 2/23/2000  
Stop Date : 7/21/1993  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101623  
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: 9591.585369750075907892836443  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1754  
Entered Date: 06/22/1993  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1754  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

147  
ESE  
1/2-1  
3349 ft.  
Higher

BART PROPERTY  
3924 MARTIN L KING WAY  
OAKLAND, CA 94609

Cortese S103472379  
LUST N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BART PROPERTY (Continued)

S103472379

State LUST:

Cross Street: 40TH ST  
Qty Leaked: Not reported  
Case Number: 01-2153  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Soil only  
Status: Case Closed  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: 6/11/1996  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 1/17/1997  
Release Date: 5/17/1994  
Cleanup Fund Id: Not reported  
Discover Date: 5/10/1994  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 6/15/1994  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: No  
Leak Cause: Corrosion  
Leak Source: Piping  
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 #: 406  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 4/16/1997  
Stop Date: 5/10/1994  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101979  
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: 6872.7831731506100998673860237



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BART PROPERTY (Continued)**

S103472379

Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2153  
Entered Date: 06/15/1994  
Facility Status: Case Closed  
Maximum Soil Concentration: 35000  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-2153  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

148  
SW  
1/2-1  
3405 ft.  
Lower

3265 LOUISE STREET  
OAKLAND, CA 94608

CHMIRS S100275061  
N/A

CHMIRS:

OES Control Number: 8907408 DOT ID: 1263  
DOT Hazard Class: Flammable liquid  
Chemical Name: PAINT  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 55  
Environmental Contamination: Ground Property Use: County/City Road  
Incident Date: 10-AUG-89 Date Completed: 10-AUG-89  
Time Completed : 2140  
Physical State Stored : Liquid  
Physical State Released : Liquid  
Release Unit : Gallons  
Container Description : 2  
Container Type : 02  
Container Material : Iron Steel and Other Iron Alloys  
Level Of Container : Ground Level  
Container Capacity : 55  
Container Capacity Units (code) : 2  
Extent Of Release (code) : 9  
Agency Id Number : 1715  
Agency Incident Number : 99999  
OES Incident Number : 8907408  
Time Notified : 2015  
Surrounding Area : 400  
Estimated Temperature : 65  
Property Management : C  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S100275061

Special Studies 6 : Not reported  
 Responding Agency Personnel # Of Injuries : 0  
 Responding Agency Personnel # Of Fatalities : 0  
 Resp Agency Personnel # Of Decontaminated : 0  
 Others Number Of Decontaminated : 0  
 Others Number Of Injuries : 0  
 Others Number Of Fatalities : 0  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CA/DOT/PUC/ICC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : KATHERINE CHESICK  
 Report Date : 11-AUG-89  
 Comments : Not reported  
 Facility Telephone Number : 415 271-4320

149  
 NNE  
 1/2-1  
 3405 ft.  
 Higher

SERVICE STATION # 1583  
 5509 MARTIN LUTHER KING J  
 OAKLAND, CA 92626

Notify 65 S100179458  
 N/A

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

AJ150  
 NW  
 1/2-1  
 3414 ft.  
 Lower

THOROUGHbred BUILDING  
 1397 55TH ST  
 EMERYVILLE, CA 94608

Cortese U003301037  
 LUST N/A

Site 2 of 4 in cluster AJ

State LUST:

Cross Street: DOYLE  
 Qty Leaked: Not reported  
 Case Number 01-2284  
 Reg Board: San Francisco Bay Region  
 Chemical: Kerosene  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Undefined  
 Status: Preliminary site assessment workplan submitted  
 County: Alameda  
 Review Date: 3/16/1998  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 7/24/1997  
 Cleanup Fund Id : Not reported  
 Discover Date : 2/14/1997  
 Enforcement Dt : Not reported  
 Enf Type: Not reported

Confirm Leak: 3/16/1998  
 Prelim Assess: Not reported  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

THOROUGHBRED BUILDING (Continued)

U003301037

Enter Date : 3/16/1998  
Funding: Not reported  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interm : Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case # : 6080  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 9/11/1997  
Stop Date : 2/14/1997  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102100  
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: 9787.251488410913255879454222  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2284  
Entered Date: 03/16/1998  
Facility Status: Preliminary site assessment workplan submitted  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-2284  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
151	WSW	1/2-1	3416 ft.	Lower	<b>BUTTNER PROPERTIES</b> 4055 HUBBARD ST OAKLAND, CA 94608	HAZNET Cortese	S103657826	N/A
HAZNET: Gepaid: CAC001345424 Tepaid: CAD009452657 Gen County: 1 Tsd County: San Mateo Tons: .4586 Category: Aqueous solution with less than 10% total organic residues Disposal Method: Recycler Contact: MARY ANN ROBISON Telephone: (000) 000-0000 Mailing Address: 600 W GRAND AVE OAKLAND, CA 94612 County: 1								
CORTESE: Reg Id: 01-1033 Region: CORTESE Reg By: Leaking Underground Storage Tanks								
152	NE	1/2-1	3429 ft.	Higher	<b>BP</b> 5425 MARTIN LUTHER KING OAKLAND, CA 94609	Cortese	S102657141	N/A
CORTESE: Reg Id: 01-0220 Region: CORTESE Reg By: Leaking Underground Storage Tanks								
153	West	1/2-1	3433 ft.	Lower	<b>THE SHERWIN WILLIAMS COMPANY</b> 1450 SHERWIN AVE EMERYVILLE, CA 94608	HAZNET Cortese	S103630916	N/A
HAZNET: Gepaid: CAD003934601 Tepaid: CAD093459485 Gen County: 1 Tsd County: Fresno Tons: .1042 Category: Organic liquids with metals 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: Transfer Station Contact: THE SHERWIN WILLIAMS COMPANY Telephone: (216) 566-2000 Mailing Address: 101 W PROSPECT AVE CLEVELAND, OH 44115 - 1027 County: 1								

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

THE SHERWIN WILLIAMS COMPANY (Continued)

S103630916

Gepaid: CAD003934601  
Tepaid: NVT330010000  
Gen County: 1  
Tsd County: 99  
Tons: 10.3100  
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: Not reported  
Contact: THE SHERWIN WILLIAMS COMPANY  
Telephone: (216) 566-2000  
Mailing Address: 101 W PROSPECT AVE  
CLEVELAND, OH 44115 - 1027  
County 1

Gepaid: CAD003934601  
Tepaid: KSD980633259  
Gen County: 1  
Tsd County: 99  
Tons: 1.6054  
Category: Off-specification, aged, or surplus organics  
Disposal Method: Not reported  
Contact: THE SHERWIN WILLIAMS COMPANY  
Telephone: (216) 566-2000  
Mailing Address: 101 W PROSPECT AVE  
CLEVELAND, OH 44115 - 1027  
County 1

Gepaid: CAD003934601  
Tepaid: NVT330010000  
Gen County: 1  
Tsd County: 99  
Tons: 6.4000  
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: Disposal, Land Fill  
Contact: THE SHERWIN WILLIAMS COMPANY  
Telephone: (216) 566-2000  
Mailing Address: 101 W PROSPECT AVE  
CLEVELAND, OH 44115 - 1027  
County 1

Gepaid: CAD003934601  
Tepaid: CAT000646117  
Gen County: 1  
Tsd County: Kings  
Tons: 6.5500  
Category: Contaminated soil from site clean-ups  
Disposal Method: Treatment, Tank  
Contact: THE SHERWIN WILLIAMS COMPANY  
Telephone: (216) 566-2000  
Mailing Address: 101 W PROSPECT AVE  
CLEVELAND, OH 44115 - 1027  
County 1

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)      EDR ID Number  
 EPA ID Number

**THE SHERWIN WILLIAMS COMPANY (Continued)**

S103630916

The CA HAZNET database contains 51 additional records for this site.  
 Please contact your EDR Account Executive for more information.

**CORTESE:**

Reg Id: 01-2037  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

Reg Id: 2 019309001  
 Region: CORTESE  
 Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

154  
 West  
 1/2-1  
 3439 ft.  
 Lower

**45TH STREET ARTIST COOPERATIVE**  
 1420 45TH STREET  
 EMERYVILLE, CA 92633

Notify 65      S100178875  
 N/A

**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: 92633

AJ155  
 NW  
 1/2-1  
 3450 ft.  
 Lower

**FORDHAM PROPERTIES**  
 5515 DOYLE ST.  
 EMERYVILLE, CA 94608

HAZNET      S102430118  
 Cortese      N/A

Site 3 of 4 in cluster AJ

**HAZNET:**

Gepaid: CAC000927840  
 Tepaid: CAD009466392  
 Gen County: 1  
 Tsd County: 7  
 Tons: .3750  
 Category: Other empty containers 30 gallons or more  
 Disposal Method: Recycler  
 Contact: CONTACT/JOE PIERI  
 Telephone: (415) 547-7177  
 Mailing Address: 5743 LANDREGAN ST.  
 EMERYVILLE, CA 94608  
 County: 1

**CORTESE:**

Reg Id: 01-2071  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

AJ156  
 NW  
 1/2-1  
 3463 ft.  
 Lower

**RESIDENCE**  
 2160 LAKE STREET  
 , CA

HIST UST      1000297605  
 HAZNET      N/A  
 Cortese  
 UST

Site 4 of 4 in cluster AJ

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

RESIDENCE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000297605

HAZNET:

Gepaid: CAD981455074  
Tepaid: Not reported  
Gen County: 1  
Tsd County: 0  
Tons: 2.0850  
Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 2177 JERROLD AVE  
SAN FRANCISCO, CA 94124  
County: 1

CORTESE:

Reg Id: 01-1306  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

UST HIST:

Facility ID: 45104  
Tank Num: 1  
Tank Capacity: 6000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Leak Detection: Visual, Stock Inventor, GW Monitoring Well  
Contact Name: VINCENT FINIGAN  
Total Tanks: 2  
Facility Type: 2  
Container Num: 002  
Year Installed: 1985  
Tank Construction: Not reported  
Telephone: (415) 547-3838  
Region: STATE  
Other Type: EQUIPMENT RENTAL

Facility ID: 45104  
Tank Num: 2  
Tank Capacity: 6000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Leak Detection: Visual, Stock Inventor, GW Monitoring Well  
Contact Name: VINCENT FINIGAN  
Total Tanks: 2  
Facility Type: 2  
Container Num: 001  
Year Installed: 1984  
Tank Construction: Not reported  
Telephone: (415) 547-3838  
Region: STATE  
Other Type: EQUIPMENT RENTAL

UST San Francisco County:

Facility ID: 1686  
Tank ID: Not reported  
Manufacturer: Not reported  
Other Interior Lining: Not reported  
Receive Date: 4/26/94 0:00:00  
Owner Name: Not reported  
Certified Date: 6/7/94 0:00:00  
Flag: CLOSED  
Other Corrosion Protection: Not reported  
Drop Tube: Not reported  
Striker Plate: Not reported  
Contents A: Not reported  
Contents B: Not reported  
Contents C: Not reported  
Mailing Name: Not reported  
Mailing Address: Not reported  
Other Substance: Not reported  
Case Number: Not reported  
Tank Capacity: Not reported  
Date Installed: Not reported  
Close Date: 5/5/94 0:00:00  
Dispenser: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**RESIDENCE (Continued)**

1000297605

Tank Construction Type: Not reported  
 Tank Material: Not reported  
 Interior Lining: Not reported  
 Corrosion Protection: Not reported  
 Spill Contamination Installed Date: Not reported  
 Overfill Prevention Installed Date: Not reported  
 Piping Type: Not reported  
 Piping Aboveground: Not reported  
 Piping Underground: Not reported  
 Piping Construction: Not reported  
 Piping Construction Aboveground: Not reported  
 Piping Construction Underground: Not reported  
 Piping Material: Not reported  
 Other Piping Material: Not reported  
 Piping Material Aboveground: Not reported  
 Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filing: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

157  
 South  
 1/2-1  
 3484 ft.  
 Lower

**AB CO WATERPROOFING**  
 3135 FILBERT ST  
 OAKLAND, CA 94608

Cortese S100849170  
 N/A

CORTESE:  
 Reg Id: 01-2425  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

158  
 NNW  
 1/2-1  
 3559 ft.  
 Higher

**SUPER-7 #25670**  
 5714 SAN PABLO AVE  
 OAKLAND, CA 94608

CA FID UST S101624452  
 Cortese N/A  
 LUST

LUST Alameda County:  
 Region : ALAMEDA  
 Facility ID : RO0000836

CORTESE:  
 Reg Id: 01-0391  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

AK159  
 SW  
 1/2-1  
 3568 ft.  
 Lower

1420 32 ST.  
 OAKLAND, CA  
 Site 1 of 2 in cluster AK

CHMIRS S100279095  
 N/A



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S100279095

CHMIRS:

OES Control Number: 8803726 DOT ID: 1978  
 DOT Hazard Class: Gases  
 Chemical Name: PROPANE  
 Extent of Release: Not reported  
 CAS Number: 74-98-6 Quantity Released: 5  
 Environmental Contamination: Air Property Use: County/City Road  
 Incident Date: 16-NOV-88 Date Completed: 16-NOV-88  
 Time Completed : 1600  
 Physical State Stored : Liquid  
 Physical State Released : Gas  
 Release Unit : Gallons  
 Container Description : 2  
 Container Type : 03  
 Container Material : Iron Steel and Other Iron Alloys  
 Level Of Container : Ground Level  
 Container Capacity : 30  
 Container Capacity Units (code) : 2  
 Extent Of Release (code) : 7  
 Agency Id Number : 1075  
 Agency Incident Number : 32111  
 OES Incident Number : 8803726  
 Time Notified : 1257  
 Surrounding Area : 600  
 Estimated Temperature : Not reported  
 Property Management : U  
 More Than Two Substances Involved? : Not reported  
 Special Studies 1 : Not reported  
 Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personnel # Of Injunes : Not reported  
 Responding Agency Personnel # Of Fatalities : Not reported  
 Resp Agency Personnel # Of Decontaminated : Not reported  
 Others Number Of Decontaminated : Not reported  
 Others Number Of Injuries : Not reported  
 Others Number Of Fatalities : Not reported  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CA/DOT/PUC/ICC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : DAVID FLETCHER  
 Report Date : 16-NOV-88  
 Comments : Yes  
 Facility Telephone Number : 415 444-3322

AK160 ROMAK IRON WORKS  
 SSW 3250 HOLLIS ST  
 1/2-1 OAKLAND, CA 94608  
 3600 ft.  
 Lower Site 2 of 2 in cluster AK

CA FID UST S101580121  
 Cortese N/A  
 LUST

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ROMAK IRON WORKS (Continued)

S101580121

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000249

CORTESE:

Reg id: 01-0786  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Reg Id: 3184  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID: 01001375 Regulate ID: CAL000033  
Reg By: Inactive Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Inactive Facility Tel: (510) 658-0588  
Mail To: Not reported  
3250 HOLLIS ST  
OAKLAND, CA 94608  
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

Facility ID: 01001375 Regulate ID: CAL000033  
Reg By: Active Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Active Facility Tel: (916) 944-0420  
Mail To: Not reported  
7749 FAIR OAKS BLVD  
CARMICHAEL, CA 95608  
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

161  
WNW  
1/2-1  
3614 ft.  
Lower

CHAPMAN PROPERTY  
1400 53RD ST  
EMERYVILLE, CA 94608

Cortese S102859741  
LUST N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 01-2246  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Other ground water affected  
Status: Leak being confirmed  
County: Alameda  
Review Date: 10/14/1997 Confirm Leak: 10/14/1997  
Workplan: Not reported Prelim Assess: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CHAPMAN PROPERTY (Continued)

S102859741

Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 10/14/1997  
Cleanup Fund Id : Not reported  
Discover Date : 9/5/1996  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 10/14/1997  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
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 # : 801  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 10/14/1997  
Stop Date : 9/5/1996  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102062  
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: 10691.97888835489571164294685  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

CORTESE:

Reg Id: 01-2246  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

162  
SW  
1/2-1  
3730 ft.  
Lower

ZERO WASTE SYSTEMS INC  
1450 32ND STREET  
OAKLAND, CA 94609

Cal-Sites S102008168  
Cortese N/A

CAL-SITES:  
Facility ID 01280073

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ZERO WASTE SYSTEMS INC (Continued)**

S102008168

Status: NFA - NO FURTHER ACTION FOR DTSC  
 Status Date: 03/13/1995  
 Lead: Not reported  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: NO FURTHER ACTION FOR DTSC  
 Lead Agency: N/A Not reported  
 NPL: Not reported  
 SIC: 28 MANU - CHEMICALS & ALLIED PRODUCTS  
 Facility Type: N/A  
 Type Name: Not reported  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: Not reported  
 Region Water Control Board: SF - SAN FRANCISCO BAY  
 Access: Not reported  
 Cortese: Not reported  
 Hazardous Ranking Score: Not reported  
 Date Site Hazard Ranked: Not reported  
 Groundwater Contamination: Not reported  
 No. of Contamination Sources: 0  
 Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: Not reported  
 State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

**CORTESE:**

Reg Id: 01280073  
 Region: CORTESE  
 Reg By: CALSI

163  
 WNW  
 1/2-1  
 3768 ft.  
 Lower

**UNKNOWN**  
 4549 HORTON STREET  
 EMERYVILLE, CA 92633

Notify 65 S100178876  
 N/A

**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: 92633

164  
 South  
 1/2-1  
 3769 ft.  
 Lower

**CAHON ASSOCIATES INC**  
 3501 SAN PABLO AVE  
 OAKLAND, CA 94612

Cortese S101293737  
 N/A

**CORTESE:**

Reg Id: 01-2395  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

165  
 West  
 1/2-1  
 3778 ft.  
 Lower

**PELLEGRINI REFRIGERATION & RES**  
 1550 PARK AVE  
 EMERYVILLE, CA 94608

CA FID UST  
 HAZNET  
 Cortese  
 LUST

S101624446  
 N/A

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000647

HAZNET:

Gepaid: CAC000896752  
 Tepaid: CAD981375983  
 Gen County: 1  
 Tsd County: 1  
 Tons: .8340  
 Category: Unspecified organic liquid mixture  
 Disposal Method: Recycler  
 Contact: Not reported  
 Telephone: (000) 000-0000  
 Mailing Address: 1550 PARK AVE  
 EMERYVILLE, CA 94608  
 County 1

Gepaid: CAC000896752  
 Tepaid: CAD004771168  
 Gen County: 1  
 Tsd County: San Francisco  
 Tons: 7500  
 Category: Other empty containers 30 gallons or more  
 Disposal Method: Not reported  
 Contact: Not reported  
 Telephone: (000) 000-0000  
 Mailing Address: 1550 PARK AVE  
 EMERYVILLE, CA 94608  
 County 1

CORTESE:

Reg Id: 01-2127  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

166  
 SSW  
 1/2-1  
 3807 ft.  
 Lower

**CALIFORNIA ELECTRIC CO**  
 3015 ADELIN ST  
 OAKLAND, CA 94608

RCRIS-SQG  
 FINDS  
 UST  
 CA FID UST  
 HIST UST  
 HAZNET  
 Cortese  
 LUST

1000473018  
 CAD982438343

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CALIFORNIA ELECTRIC CO (Continued)

1000473018

RCRIS:

Owner: CALIFORNIA ELECTRIC CO  
(415) 555-1212  
EPA ID: CAD982438343  
Contact: ENVIRONMENTAL MANAGER  
(415) 655-6100

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1761  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Undefined  
Status: Case Closed  
County: Alameda  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
Review Date: 3/6/1992  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 7/8/1997  
Release Date: 10/10/1990  
Cleanup Fund Id: Not reported  
Discover Date: 10/10/1990  
Enforcement Dt: 3/6/1992  
Enf Type: Not reported  
Enter Date: 6/21/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: Yes  
Leak Cause: Unknown  
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 #: 3702  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported

Confirm Leak: 3/6/1992  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

CALIFORNIA ELECTRIC CO (Continued)

1000473018

Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 4/6/2000  
Stop Date : 12/6/1990  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600101629  
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: 7508.8511140048825043337289116  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1761  
Entered Date: 06/21/1993  
Facility Status: Case Closed  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0001136

HAZNET:

Gepaid: CAD982438343  
Tepaid: CAD053044053  
Gen County: 1  
Tsd County: 1  
Tons: .1251  
Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Transfer Station  
Contact: CALIFORNIA ELECTRIC CO  
Telephone: (415) 555-1212  
Mailing Address: PO BOX 8065  
EMERYVILLE, CA 94662 - 0065  
County 1

CORTESE:

Reg Id: 01-1761  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CALIFORNIA ELECTRIC CO (Continued)

1000473018

FID:

Facility ID: 01000396 Regulate ID: 00010487  
Reg By: Inactive Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Inactive Facility Tel: (415) 655-6100  
Mail To: Not reported  
P O BOX  
OAKLAND, CA 94608  
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: 10487  
Tank Num: 1 Container Num: 62184  
Tank Capacity: 1000 Year Installed: 1976  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED Tank Construction: 10 unknown  
Leak Detection: None  
Contact Name: JAMES D. VANCE Telephone: (415) 655-6100  
Total Tanks: 1 Region: STATE  
Facility Type: 2 Other Type: ELECTRO-MECH REP

UST San Francisco County:

Facility ID: 3702 Case Number: Not reported  
Tank ID: Not reported Tank Capacity: Not reported  
Manufacturer: Not reported Date Installed: Not reported  
Other Interior Lining: Not reported  
Receive Date: 4/19/99 0:00:00 Close Date: 5/11/99 0:00:00  
Owner Name: Not reported  
Certified Date: Not reported  
Flag: CLOSED  
Other Corrosion Protection: Not reported  
Drop Tube: Not reported  
Striker Plate: Not reported Dispenser: Not reported  
Contents A: Not reported  
Contents B: Not reported  
Contents C: Not reported  
Mailing Name: Not reported  
Mailing Address: Not reported  
Other Substance: Not reported  
Tank Construction Type: Not reported  
Tank Material: Not reported  
Interior Lining: Not reported  
Corrosion Protection: Not reported  
Spill Contamination Installed Date: Not reported  
Overfill Prevention Installed Date: Not reported  
Piping Type: Not reported  
Piping Aboveground: Not reported  
Piping Underground: Not reported  
Piping Construction: Not reported  
Piping Construction Aboveground: Not reported  
Piping Construction Underground: Not reported  
Piping Material: Not reported  
Other Piping Material: Not reported  
Piping Material Aboveground: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CALIFORNIA ELECTRIC CO (Continued)**

1000473018

Piping Material Underground: Not reported  
 Pipe Leak Detection: Not reported  
 Estimated Last Date Used: Not reported  
 Estimated Quantity Remaining: Not reported  
 Inert Filing: Not reported  
 Jurisdiction: Not reported  
 Other Tank System: Not reported  
 Other Tank Leak Detection: Not reported  
 Other Pipe Leak Detection: Not reported  
 Methanol Compatible: Not reported

167  
 North  
 1/2-1  
 3819 ft.  
 Higher

987 GRACE AVENUE  
 OAKLAND, CA 94608

CHMIRS S100280090  
 N/A

CHMIRS:

OES Control Number: 9100012 DOT ID: Not reported  
 DOT Hazard Class: Not Reported  
 Chemical Name: N/A  
 Extent of Release: Not reported  
 CAS Number: Not reported Quantity Released: 0  
 Environmental Contamination: None Reported Property Use: Vacant Lot  
 Incident Date: 21-JAN-91 Date Completed: 21-JAN-91  
 Time Completed : 1035  
 Physical State Stored : Not reported  
 Physical State Released : Not reported  
 Release Unit : Not reported  
 Container Description : Not reported  
 Container Type : Not reported  
 Container Material : Not reported  
 Level Of Container : Not reported  
 Container Capacity : 0  
 Container Capacity Units (code) : Not reported  
 Extent Of Release (code) : Not reported  
 Agency Id Number : 1075  
 Agency Incident Number : 9102076  
 OES Incident Number : 9100012  
 Time Notified : 1023  
 Surrounding Area : 400  
 Estimated Temperature : 75  
 Property Management : P  
 More Than Two Substances Involved? : Not reported  
 Special Studies 1 : Not reported  
 Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personnel # Of Injuries : 0  
 Responding Agency Personnel # Of Fatalities : 0  
 Resp Agency Personnel # Of Decontaminated : 0  
 Others Number Of Decontaminated : 0  
 Others Number Of Injuries : 0  
 Others Number Of Fatalities : 0  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S100280090

Vehicle Id Number : Not reported  
 CA/DOT/PUC/ICC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : CAPTAIN WAYNE GASKIN  
 Report Date : 22-JAN-91  
 Comments : Yes  
 Facility Telephone Number : 415 273-3856

AL168  
 ESE  
 1/2-1  
 3822 ft.  
 Higher

**SIMAS BROTHERS**  
**4013 TELEGRAPH AVE**  
**OAKLAND, CA**

Cortese S100226893  
 LUST N/A

Site 1 of 2 in cluster AL

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number 01-1393  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Other ground water affected  
 Status: Leak being confirmed  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: 10/8/1986  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 10/8/1986  
 Cleanup Fund Id : Not reported  
 Discover Date : 10/8/1986  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 10/8/1986  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 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 # : 01-1393  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifies : Not reported  
 Hydr Basin #: Not reported  
 Operator : Not reported  
 Oversight Prgm: Local Oversight Program UST  
 Oversight Prgm : LOP  
 Review Date : 9/13/1994

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SIMAS BROTHERS (Continued)

S100226893

Stop Date : 10/8/1986  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600101287  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mlbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 6560.4910297191356215689524633  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

CORTESE:

Reg Id: 01-1393  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

169  
NW  
1/2-1  
3830 ft.  
Lower

FACILITY 6015-1  
1212 POWELL  
OAKLAND, CA 94608

Cortese S105025311  
N/A

CORTESE:

Reg Id: 2599  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AL170  
ESE  
1/2-1  
3854 ft.  
Higher

SHELL  
500 40TH ST  
OAKLAND, CA 94609  
Site 2 of 2 in cluster AL

Cortese S102436907  
N/A

CORTESE:

Reg Id: 01-1370  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

171  
South  
1/2-1  
3872 ft.  
Lower

KENT CROWLEY  
3016 FILBERT ST  
OAKLAND, CA 94608

Cortese S103472346  
LUST N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 01-1698  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Undefined  
Status: Case Closed

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

KENT CROWLEY (Continued)

S103472346

County: Alameda  
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: Not reported  
Close Date: 11/19/1992  
Release Date: 5/12/1992  
Cleanup Fund Id : Not reported  
Discover Date : 5/12/1992  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 6/22/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Yes  
Leak Cause: Unknown  
Leak Source: Unknown  
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 # : 4156  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin # : Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 10/19/1994  
Stop Date : 5/12/1992  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101569  
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: 6548.1773429908498185508025053  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1698  
Entered Date: 06/22/1993  
Facility Status: Case Closed  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

KENT CROWLEY (Continued)

S103472346

County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1698  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

172  
East  
1/2-1  
3972 ft.  
Higher

KELLEY AUTO PARTS  
4400 TELEGRAPH AVE  
OAKLAND, CA 94547

Cortese S101306668  
LUST N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-0856  
Reg Board: San Francisco Bay Region  
Chemical: Stoddard Solvent  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Other ground water affected  
Status: Post remedial action monitoring  
County: Alameda  
Abate Method: Remove Free Product - remove floating product from water table  
Review Date: Not reported  
Workplan: 11/28/1988  
Pollution Char: Not reported  
Remed Action: 1/2/1965  
Close Date: Not reported  
Release Date: 10/24/1988  
Cleanup Fund Id: Not reported  
Discover Date : 2/3/1988  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 12/22/1995  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date : 1/2/1965  
Max MTBE GW : 0  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 5774  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

KELLEY AUTO PARTS (Continued)

S101306668

Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 11/30/1998  
Stop Date : 2/3/1988  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100790  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 7563.2396723724446605740674327  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0856  
Entered Date: 12/22/1995  
Facility Status: Post remedial action monitoring  
Maximum Soil Concentration: 416  
Maximum Groundwater Impact: 94  
County : Alameda  
Current Benzene: 0  
MTBE Detected in GW: 94  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: ND

CORTESE:

Reg Id: 01-0856  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

173  
WNW  
1/2-1  
3974 ft.  
Lower

4561 HORTON ST. (TEMESCAL CREEK, SHELL F  
EMERYVILLE, CA 94608

CHMIRS S100274842  
N/A

CHMIRS:

OES Control Number: Not reported DOT ID: Not reported  
DOT Hazard Class: Not Reported  
Chemical Name: Not reported  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: Not reported  
Environmental Contamination: None Reported Property Use: Not reported  
Incident Date: Not reported Date Completed: Not reported  
Time Completed : 2130  
Physical State Stored : Not reported  
Physical State Released : Not reported  
Release Unit : Not reported  
Container Description : Not reported  
Container Type : Not reported  
Container Material : Not reported  
Level Of Container : Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S100274842

Container Capacity : Not reported  
 Container Capacity Units (code) : Not reported  
 Extent Of Release (code) : Not reported  
 Agency Id Number : 1715  
 Agency Incident Number : 99999  
 OES Incident Number : Not reported  
 Time Notified : 1935  
 Surrounding Area : 600  
 Estimated Temperature : 50  
 Property Management : S  
 More Than Two Substances Involved? : Not reported  
 Special Studies 1 : Not reported  
 Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personnel # Of Injuries : 0  
 Responding Agency Personnel # Of Fatalities : 0  
 Resp Agency Personnel # Of Decontaminated : 0  
 Others Number Of Decontaminated : 0  
 Others Number Of Injuries : 0  
 Others Number Of Fatalities : 0  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CA/DOT/PUC/ICC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : KATHERINE CHESICK  
 Report Date : 14-MAR-89  
 Comments : Not reported  
 Facility Telephone Number : 415 271-4320

AM174  
 East  
 1/2-1  
 3989 ft.  
 Higher

RONN SIMPSON  
 489 43RD ST  
 OAKLAND, CA 94609

Cortese S103472293  
 LUST N/A

Site 1 of 2 in cluster AM

State LUST:

Cross Street: TELEGRAPH AVE  
 Qty Leaked: Not reported  
 Case Number: 01-2305  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Soil only  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Review Date: 3/16/1998  
 Workplan: 1/2/1965  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 9/18/1995  
 Cleanup Fund Id: Not reported  
 Discover Date: 9/18/1995  
 Confirm Leak: 3/16/1998  
 Prelim Assess: 1/2/1965  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

RONN SIMPSON (Continued)

S103472293

Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 3/16/1998  
Funding: Not reported  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Not reported  
Leak Cause: Corrosion  
Leak Source: Tank  
MTBE Date : 1/2/1965  
Max MTBE GW : 350  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 5552  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : <  
Max MTBE Soil : 2  
Soil Qualifies : <  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 7/2/2001  
Stop Date : 9/18/1995  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102120  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 2  
Mibe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 7135.3928756028761055735371406  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2305  
Entered Date: 03/16/1998  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 1900  
Maximum Groundwater Impact: 18000  
County : Alameda  
Current Benzene: 0  
MTBE Detected in GW: 18000  
MTBE Detected in Soil: 2  
MTBE: 350  
MTBE Qualify: <

CORTESE:

Reg Id: 01-2305  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

AM175  
East  
1/2-1  
3989 ft.  
Higher

WALTER BLUMERT COMPANY  
490 43RD ST  
OAKLAND, CA 94609

Site 2 of 2 in cluster AM

CORTESE:

Reg Id: 01-0891  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Database(s) EDR ID Number  
EPA ID Number

Cortese S102425481  
N/A

176  
North  
1/2-1  
3994 ft.  
Higher

F/O 967 GRACE STREET  
OAKLAND, CA 94608

CHMIRS S100220241  
N/A

CHMIRS:

OES Control Number: 9012173 DOT ID: 9189  
DOT Hazard Class: Miscellaneous hazardous material  
Chemical Name: HAZARDOUS WASTE  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 5  
Environmental Contamination: Ground Property Use: County/City Road  
Incident Date: 01-AUG-90 Date Completed: 01-AUG-90  
Time Completed : 2015  
Physical State Stored : Liquid  
Physical State Released : Liquid  
Release Unit : Gallons  
Container Description : 2  
Container Type : 02  
Container Material : Iron Steel and Other Iron Alloys  
Level Of Container : Ground Level  
Container Capacity : 30  
Container Capacity Units (code) : 2  
Extent Of Release (code) : Not reported  
Agency Id Number : 1075  
Agency Incident Number : 9022682  
OES Incident Number : 9012173  
Time Notified : 1402  
Surrounding Area : 600  
Estimated Temperature : 70  
Property Management : C  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100220241

Company Name : Not reported  
Reporting Officer Name/ID : LT. EUGENE M. DICK  
Report Date : 01-AUG-90  
Comments : Yes  
Facility Telephone Number : 415 444-3322

AN177  
WSW  
1/2-1  
4038 ft.  
Lower

OAKLAND  
3465 ETTIE ST  
OAKLAND, CA 94605  
Site 1 of 2 in cluster AN

CA FID UST S101624333  
Cortese N/A  
LUST

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000503

CORTESE:

Reg Id: 01-2319  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AN178  
WSW  
1/2-1  
4042 ft.  
Lower

CITY OF OAKLAND  
CORNER OF EMBARCADERO\_ / 5TH  
OAKLAND, CA 94612  
Site 2 of 2 in cluster AN

HAZNET S102359680  
Cortese N/A

HAZNET:

Gepaid: CAC001082408  
Tepaid: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .4214  
Category: Other Inorganic solid waste  
Disposal Method: Transfer Station  
Contact: CITY OF OAKLAND  
Telephone: (510) 238-7371  
Mailing Address: 1333 BROADWAY, STE 330A  
OAKLAND, CA 94612

County 1

Gepaid: CAC001354752  
Tepaid: CAD990794133  
Gen County: 1  
Tsd County: San Joaquin  
Tons: .2107  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: CITY OF OAKLAND  
Telephone: (510) 238-7371  
Mailing Address: 1333 BROADWAY STE 330A  
OAKLAND, CA 94612

County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CITY OF OAKLAND (Continued)

S102359680

Gepaid: CAC001359664  
Tepaid: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: .2500  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: CITY OF OAKLAND  
Telephone: (510) 466-6410  
Mailing Address: 550 10TH ST  
OAKLAND, CA 94607  
County 1

Gepaid: CAC001381496  
Tepaid: CAD990794133  
Gen County: 1  
Tsd County: San Joaquin  
Tons: 1.6856  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: CITY OF OAKLAND  
Telephone: (510) 238-7694  
Mailing Address: 250 FRANK H OGAWA PLAZA STE 5301  
OAKLAND, CA 94612  
County 1

Gepaid: CAC001422632  
Tepaid: CAD990794133  
Gen County: 1  
Tsd County: San Joaquin  
Tons: 5.8996  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: CITY OF OAKLAND  
Telephone: (000) 000-0000  
Mailing Address: 250 FRANK H OGAWA PLAZA STE 5301  
OAKLAND, CA 94612 - 2034  
County 1

The CA HAZNET database contains 53 additional records for this site.  
Please contact your EDR Account Executive for more information.

CORTESE:  
Reg Id: 01-2424  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AO179  
South  
1/2-1  
4049 ft.  
Lower

SHELL SERVICE STATION  
3420 SAN PABLO AVE  
OAKLAND, CA 94608

CA FID UST S101580141  
Cortese N/A  
LUST

Site 1 of 2 in cluster AO

LUST Alameda County:  
Region : ALAMEDA  
Facility ID : R00000006

CORTESE:  
Reg Id: 01-1358  
Region: CORTESE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

Site

Database(s)

**SHELL SERVICE STATION (Continued)**

**S101580141**

Reg By: Leaking Underground Storage Tanks

**FID:**

Facility ID:	01001470	Regulate ID:	00052586
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 653-5709
Mail To:	Not reported		
	P O BOX		
	OAKLAND, CA 94608		
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		

AP180  
 WSW  
 1/2-1  
 4059 ft.  
 Lower

**CONSTRUCTION YARD**  
 3428 ETTIE ST  
 OAKLAND, CA 94608

CA FID UST S101630367  
 Cortese N/A  
 LUST

Site 1 of 2 in cluster AP

**LUST Alameda County:**

Region : ALAMEDA  
 Facility ID : RO0000128

**CORTESE:**

Reg Id: 01-1506  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

181  
 SSE  
 1/2-1  
 4059 ft.  
 Lower

**CAL TECH METALS**  
 841 EAST 31ST STREET  
 OAKLAND, CA 94607

Cal-Sites S102860800  
 N/A

**CAL-SITES:**

Facility ID: 01340118  
 Status: REFR - DOES NOT REQUIRE DTSC ACTION. REFERRED TO RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) LEAD  
 Status Date: 08/27/1997  
 Lead: EPA  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: PROPERTY/SITE REFERRED TO RCRA  
 Lead Agency: ENVIRONMENTAL PROTECTION AGENCY Not reported  
 NPL: Not reported  
 SIC: 34 MANU - FABRICATED METAL PRODUCTS  
 Facility Type: N/A  
 Type Name: Not reported  
 Staff Member Responsible for Site: Not reported  
 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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**CAL TECH METALS (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Groundwater Contamination: Not reported  
 No. of Contamination Sources: 0  
 Lat/Long: 0' 0' 0.00" / 0' 0' 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: 16  
 State Senate District: 91

S102860800

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

AP182  
 SW  
 1/2-1  
 4063 ft.  
 Lower

**HENRY SHIREK ESTATE**  
 3425 ETTIE ST  
 OAKLAND, CA 94608  
 Site 2 of 2 in cluster AP

Cortese 1001878118  
 N/A

CORTESE:  
 Reg Id: 01-1387  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

183  
 NNW  
 1/2-1  
 4099 ft.  
 Lower

**GARY JENSEN**  
 5813 FREMONT ST  
 OAKLAND, CA 94608

CA FID UST S101624430  
 Cortese N/A  
 LUST

LUST Alameda County:  
 Region : ALAMEDA  
 Facility ID : RO0000592  
 CORTESE:  
 Reg Id: 01-1782  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

AO184  
 South  
 1/2-1  
 4121 ft.  
 Lower

**ARCO PRODUCTS COMPANY 9535**  
 3400 SAN PABLO  
 OAKLAND, CA 94612  
 Site 2 of 2 in cluster AO

HAZNET S103950804  
 Cortese N/A

HAZNET:  
 Gepaid: CAL000161630  
 Tepaid: CAT080013352  
 Gen County: 1  
 Tsd County: Los Angeles  
 Tons: .1042  
 Category: Aqueous solution with less than 10% total organic residues  
 Disposal Method: Recycler  
 Contact: ARCO PRODUCTS COMPANY  
 Telephone: (000) 000-0000  
 Mailing Address: PO BOX 6038  
 ARTESIA, CA 90702 - 6038  
 County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ARCO PRODUCTS COMPANY 9535 (Continued)

S103950804

Gepaid: CAL000161630  
Tepaid: CAT080013352  
Gen County: 1  
Tsd County: Los Angeles  
Tons: 1.7305  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Recycler  
Contact: ARCO PRODUCTS COMPANY  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 6038  
ARTESIA, CA 90702 - 6038  
County 1

Gepaid: CAL000161630  
Tepaid: CAT080013352  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .4170  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Not reported  
Contact: ARCO PRODUCTS COMPANY  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 6038  
ARTESIA, CA 90702 - 6038  
County 1

Gepaid: CAL000161630  
Tepaid: CAT080013352  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .7923  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Recycler  
Contact: ARCO PRODUCTS COMPANY  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 6038  
ARTESIA, CA 90702 - 6038  
County 1

Gepaid: CAL000161630  
Tepaid: CAT080033681  
Gen County: 1  
Tsd County: Los Angeles  
Tons: 18.0000  
Category: Other empty containers 30 gallons or more  
Disposal Method: Disposal, Other  
Contact: ARCO PRODUCTS COMPANY  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 6038  
ARTESIA, CA 90702 - 6038  
County 1

The CA HAZNET database contains 4 additional records for this site.  
Please contact your EDR Account Executive for more information.

CORTESE:  
Reg Id: 01-1478  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

185 RESIDENTIAL  
 SW 2856 HELEN ST  
 1/2-1 OAKLAND, CA 94608  
 4141 ft.  
 Lower

Cortese S103472362  
 LUST N/A

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-2431  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Review Date: 11/26/1996  
 Workplan: 1/2/1965  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 9/3/1996  
 Cleanup Fund Id: Not reported  
 Discover Date: 9/3/1996  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 9/30/1998  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Interim: Not reported  
 Leak Cause: Unknown  
 Leak Source: Unknown  
 MTBE Date: 1/2/1965  
 Max MTBE GW: 50  
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
 Priority: Not reported  
 Local Case #: 170  
 Beneficial: Not reported  
 Staff: CTH  
 GW Qualifies: <  
 Max MTBE Soil: Not reported  
 Soil Qualifies: Not reported  
 Hydr Basin #: Not reported  
 Operator: Not reported  
 Oversight Prgm: Local Oversight Program UST  
 Oversight Prgm: LOP  
 Review Date: 3/29/2001  
 Stop Date: 9/3/1996  
 Work Suspended: N  
 Responsible Party: BLANK RP  
 RP Address: Not reported  
 Global Id: T0600102240  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 1  
 Mtb Fuel: 1

Confirm Leak: 11/26/1996  
 Prelim Assess: 1/2/1965  
 Remed Plan: Not reported  
 Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

RESIDENTIAL (Continued)

S103472362

Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 8589.633297801288198728153483  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

CORTESE:

Reg Id: 01-2431  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

186  
South  
1/2-1  
4204 ft.  
Lower

30TH STREET / SAN PABLO AVENUE  
OAKLAND, CA 94607

CHMIRS S100275984  
N/A

CHMIRS:

OES Control Number: 9012739 DOT ID: 9189  
DOT Hazard Class: Flammable liquid  
Chemical Name: ISOCYNATE  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 50  
Environmental Contamination: Ground Property Use: County/City Road  
Incident Date: 04-SEP-90 Date Completed: 05-SEP-90  
Time Completed : 130  
Physical State Stored : Solid  
Physical State Released : Liquid  
Release Unit : Gallons  
Container Description : 3  
Container Type : 19  
Container Material : Not reported  
Level Of Container : 10  
Container Capacity : 0  
Container Capacity Units (code) : Not reported  
Extent Of Release (code) : 7  
Agency Id Number : 1075  
Agency Incident Number : 9026308  
OES Incident Number : 9012739  
Time Notified : 1340  
Surrounding Area : 500  
Estimated Temperature : 75  
Property Management : C  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personel # Of Injuries : 0  
Responding Agency Personel # Of Fatalities : 0  
Resp Agncy Personel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100275984

Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : CAPT. RONALD CARTER 559-98-8312  
Report Date : 05-SEP-90  
Comments : Yes  
Facility Telephone Number : 415 444-3322

187  
NNE  
1/2-1  
4264 ft.  
Higher

ALTERNATIVE INVESTMENTS  
5829 ADELIN ST  
OAKLAND, CA 94608

HAZNET S103665701  
Cortese N/A

HAZNET:

Gepaid: CAC001060984  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .4500  
Category: Contaminated soil from site clean-ups  
Disposal Method: Disposal, Land Fill  
Contact: KEITH RUTLAGE  
Telephone: (000) 000-0000  
Mailing Address: SUB SURFACE CONSULTANTS  
LAFAYETTE, CA 94549

County 1

Gepaid: CAC001060984  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: .2293  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Recycler  
Contact: KEITH RUTLAGE  
Telephone: (000) 000-0000  
Mailing Address: SUB SURFACE CONSULTANTS  
LAFAYETTE, CA 94549

County 1

CORTESE:

Reg Id: 01-1239  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AQ188  
SE  
1/2-1  
4283 ft.  
Higher

CALIFORNIA HIGHWAY PATROL  
3601 TELEGRAPH  
OAKLAND, CA

Cortese S105034629  
N/A

Site 1 of 2 in cluster AQ

CORTESE:

Reg Id: 01-0264  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

<b>189</b> SW 1/2-1 4321 ft. Lower	<b>SAN CARLOS BEACH</b> 1549 32ND OAKLAND, CA 94608	Cortese	S103982407 N/A
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CORTESE:  
 Reg Id: 3068  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

<b>190</b> WNW 1/2-1 4355 ft. Lower	<b>SCHWABACKER FREY</b> 5733 PELLEDEAU EMERYVILLE, CA	Cortese	S105023658 N/A
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CORTESE:  
 Reg Id: 01-1307  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

<b>191</b> NNW 1/2-1 4369 ft. Higher	<b>GATEWAY LIQUORS</b> 5944 SAN PABLO OAKLAND, CA 94608	HAZNET Cortese LUST	S102430664 N/A
--	---	---------------------------	-------------------

State LUST:

Cross Street: Not reported	Confirm Leak: Not reported
Qty Leaked: Not reported	Prelim Assess: 1/2/1965
Case Number: 01-2035	Remed Plan: Not reported
Reg Board: San Francisco Bay Region	Monitoring: Not reported
Chemical: Kerosene	
Lead Agency: Local Agency	
Local Agency: 01000	
Case Type: Soil only	
Status: Preliminary site assessment underway	
County: Alameda	
Review Date: Not reported	
Workplan: 1/2/1965	
Pollution Char: Not reported	
Remed Action: Not reported	
Close Date: Not reported	
Release Date: 12/15/1994	
Cleanup Fund Id: Not reported	
Discover Date: 6/29/1994	
Enforcement Dt: Not reported	
Enf Type: Not reported	
Enter Date: 3/22/1995	
Funding: Federal Funds	
Staff Initials: UNK	
How Discovered: Other Means	
How Stopped: Other Means	
Interim: Not reported	
Leak Cause: Unknown	
Leak Source: Unknown	
MTBE Date: Not reported	
Max MTBE GW: Not reported	
MTBE Tested: Not Required to be Tested.	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

GATEWAY LIQUORS (Continued)

S102430664

Priority: Not reported  
Local Case #: 4897  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 6/18/1999  
Stop Date: 6/29/1994  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101880  
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: 7609.8000908037017384205292255  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2035  
Entered Date: 03/22/1995  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 24  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

HAZNET:

Gepaid: CAC000739848  
Tepaid: CAD980887418  
Gen County: 1  
Tsd County: 1  
Tons: 2.9190  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: GATEWAY LIQUORS INC  
Telephone: (000) 000-0000  
Mailing Address: 5944 SAN PABLO  
OAKLAND, CA 94608  
County: 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

GATEWAY LIQUORS (Continued)

S102430664

Gepaid: CAC000739848  
Tepaid: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: .4250  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: GATEWAY LIQUORS INC  
Telephone: (000) 000-0000  
Mailing Address: 5944 SAN PABLO  
OAKLAND, CA 94608  
County 1

CORTESE:  
Reg Id: 01-2035  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

192  
SW  
1/2-1  
4380 ft.  
Lower

JH FITZMAURICE INC  
2857B HANNAH ST  
OAKLAND, CA 94608

Cortese S103472358  
LUST N/A

State LUST:  
Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 01-0811  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Other ground water affected  
Status: Case Closed  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the site  
Review Date: 12/22/1994 Confirm Leak: 12/22/1994  
Workplan: Not reported Prelim Assess: Not reported  
Pollution Char: Not reported Remed Plan: Not reported  
Remed Action: Not reported Monitoring: Not reported  
Close Date: 12/1/1995  
Release Date: 6/17/1991  
Cleanup Fund Id : Not reported  
Discover Date : 1/31/1990  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 3/23/1992  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 # : 3248

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JH FITZMAURICE INC (Continued)

S103472358

Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 8/17/1996  
Stop Date: 1/31/1990  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100747  
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: 8780.049225107416967499964255  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-0811  
Entered Date: 03/23/1992  
Facility Status: Case Closed  
Maximum Soil Concentration: 1000  
Maximum Groundwater Impact: 13000  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: 13000  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-0811  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AQ193  
SE  
1/2-1  
4379 ft.  
Higher

WILLIAM H STREHLE CO  
494 36TH ST  
OAKLAND, CA 94609

HAZNET S104579538  
Cortese N/A

Site 2 of 2 in cluster AQ

HAZNET:

Gepaid: CAL000148301  
Tepaid: CAD008252405  
Gen County: 1  
Tsd County: Los Angeles  
Tons: 0.1  
Category: Other organic solids  
Disposal Method: Recycler  
Contact: WILLIAM H STREHLE/FLOREINE K S  
Telephone: (510) 654-1497

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**WILLIAM H STREHLE CO (Continued)**

S104579538

Mailing Address: 494 36TH ST  
OAKLAND, CA 94609 - 2811  
County 1

CORTESE:  
Reg Id: 2620  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AR194  
South  
1/2-1  
4392 ft.  
Lower

**WSB ELECTRIC COMPANY**  
3032 MARKET ST  
OAKLAND, CA 94608

Cortese S103472378  
LUST N/A

**Site 1 of 2 in cluster AR**

State LUST:  
Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 01-1759  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Other ground water affected  
Status: Case Closed  
County: Alameda  
Abate Method: 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: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 4/16/1997  
Release Date: 10/31/1989  
Cleanup Fund Id : Not reported  
Discover Date : 10/30/1989  
Enforcement Dt : 3/11/1992  
Enf Type: Not reported  
Enter Date : 4/30/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 # : 3766  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

WSB ELECTRIC COMPANY (Continued)

S103472378

Oversight Prgm : LOP  
Review Date : 4/28/1997  
Stop Date : 10/30/1989  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600101627  
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: 5874.3005722953977454058114717  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1759  
Entered Date: 04/30/1993  
Facility Status: Case Closed  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 130  
County : Alameda  
Current Benzene: 130  
MTBE Detected in GW: 130  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1759  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

195  
SW  
1/2-1  
4444 ft.  
Lower

2928 POPLER  
OAKLAND, CA 94608

CHMIRS S100277173  
N/A

CHMIRS:

OES Control Number: 9115160 DOT ID: Not reported  
DOT Hazard Class: Not Reported  
Chemical Name: TOO MANY TO LIST  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 0  
Environmental Contamination: None Reported Property Use: County/City Road  
Incident Date: 29-JAN-91 Date Completed: 29-JAN-91  
Time Completed : 1730  
Physical State Stored : Not reported  
Physical State Released : Not reported  
Release Unit : Not reported  
Container Description : Not reported  
Container Type : Not reported  
Container Material : Not reported  
Level Of Container : Not reported  
Container Capacity : 0  
Container Capacity Units (code) : Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP-FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100277173

Extent Of Release (code) : Not reported  
Agency Id Number : 1075  
Agency Incident Number : 9102847  
OES Incident Number : 9115160  
Time Notified : 836  
Surrounding Area : 600  
Estimated Temperature : 65  
Property Management : C  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : DAVID FLETCHER  
Report Date : 29-JAN-91  
Comments : Yes  
Facility Telephone Number : 415 273-3856

AS196  
SSW  
1/2-1  
4461 ft.  
Lower

LINDFORD AIR & REFRIGERATION  
2850 POPLAR  
OAKLAND, CA 94608

Notify 65 S100453871  
N/A

Site 1 of 2 in cluster AS

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: 94608-4424

AS197  
SSW  
1/2-1  
4461 ft.  
Lower

LINDFORD AIR & REFRIGERATION  
2850 POPLAR  
OAKLAND, CA 94608

Notify 65 S100453834  
Cortese N/A

Site 2 of 2 in cluster AS

NOTIFY 65:

Date Reported: 07/30/1992 Staff Initials: Not reported  
Board File Number: 0LG921236  
Facility Type: Leak Rpt  
Discharge Date: Not reported  
Incident Description: 94608-4424



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LINDFORD AIR & REFRIGERATION (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100453834

Date Reported: 07/30/1992 Staff Initials: Not reported  
Board File Number: 0LG921236  
Facility Type: Leak Rpt  
Discharge Date: Not reported  
Incident Description: 94608-4424

CORTESE:

Reg Id: 01-0913  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AR198  
South  
1/2-1  
4468 ft.  
Lower

TUNE UP MASTERS #318  
2901 SAN PABLO AVE  
OAKLAND, CA 94608

Cortese S103472398  
LUST N/A

Site 2 of 2 in cluster AR

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1811  
Reg Board: San Francisco Bay Region  
Chemical: Waste Oil  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Soil only  
Status: Case Closed  
County: Alameda  
Abate Method: No Action Taken - no action has as yet been taken at the 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: Not reported  
Close Date: 7/13/1995  
Release Date: 5/15/1990  
Cleanup Fund Id: Not reported  
Discover Date: 5/15/1990  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 7/15/1993  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: No  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: 388  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TUNE UP MASTERS #318 (Continued)

S103472398

Oversight Prgm : LOP  
Review Date : 8/7/1996  
Stop Date : 5/15/1990  
Work Suspended N  
Responsible Party BLANK RP  
RP Address: Not reported  
Global Id: T0600101679  
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: 5715.8814285133182619596007735  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1811  
Entered Date: 07/15/1993  
Facility Status: Case Closed  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1811  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

199  
ENE  
1/2-1  
4470 ft.  
Higher

ARCO FAC #6148  
5131 SHATTUCK AVE  
OAKLAND, CA 94609

CA FID UST S101579951  
Cortese N/A  
LUST

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000077

CORTESE:

Reg Id: 01-0111  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ARCO FAC #6148 (Continued)**

**S101579951**

FID:  
 Facility ID: 01000227 Regulate ID: 00027096  
 Reg By: Active Underground Storage Tank Location  
 Cortese Code: Not reported SIC Code: Not reported  
 Status: Active Facility Tel: (510) 654-3461  
 Mail To: Not reported  
 PO BOX  
 OAKLAND, CA 94609  
 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

200  
 NW  
 1/2-1  
 4481 ft.  
 Lower

**CHEVRON ASPHALT PLANT & TERMINAL**  
 1520 POWELL STREET  
 EMERYVILLE, CA 94608

Cal-Sites S102008174  
 N/A

CAL-SITES:  
 Facility ID 01290002  
 Status: REFOA - DOES NOT REQUIRE DTSC ACTION OR OVERSITE ACTIVITY. REFERED TO OTHER AGENCY LEAD  
 Status Date: 03/06/1996  
 Lead: Not reported  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY  
 Lead Agency: N/A Not reported  
 NPL: Not reported  
 SIC: 29 MANU - PETROLEUM & COAL PRODUCTS  
 Facility Type: N/A  
 Type Name: Not reported  
 Staff Member Responsible for Site: Not reported  
 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: 3  
 Lat/Long: 0' 0" 0.00" / 0' 0" 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: Not reported  
 State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

201  
 SSW  
 1/2-1  
 4497 ft.  
 Lower

**2811 ADELIN STREET**  
 OAKLAND, CA 94623

CHMIRS S100276680  
 N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100276680

CHMIRS:

OES Control Number: 9100305 DOT ID: Not reported  
DOT Hazard Class: Not Reported  
Chemical Name: ZYGLO (DYE)  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: Not reported  
Environmental Contamination: Ground Property Use: Mercantile, Business  
Incident Date: 01-APR-91 Date Completed: 01-APR-91  
Time Completed : 1730  
Physical State Stored : Liquid  
Physical State Released : Not reported  
Release Unit : Not reported  
Container Description : Not reported  
Container Type : Not reported  
Container Material : Not reported  
Level Of Container : Not reported  
Container Capacity : 0  
Container Capacity Units (code) : Not reported  
Extent Of Release (code) : Not reported  
Agency Id Number : 1005  
Agency Incident Number : UNKNOWN  
OES Incident Number : 9100305  
Time Notified : 1530  
Surrounding Area : 500  
Estimated Temperature : 60  
Property Management : P  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : LAWERENCE SETO  
Report Date : 02-APR-91  
Comments : Yes  
Facility Telephone Number : 415 522-4100

202  
SSW  
1/2-1  
4499 ft.  
Lower

BROOKS AUTO SERVICE  
1101 28TH ST  
OAKLAND, CA 94608

Cortese S103177080  
LUST N/A  
LOS ANGELES CO. HMS

State LUST:  
Cross Street: CHESTNUT

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BROOKS AUTO SERVICE (Continued)

S103177080

Qty Leaked: Not reported  
Case Number: 21-2304  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Soil only  
Status: Preliminary site assessment underway  
County: Alameda  
Review Date: 3/16/1998  
Workplan: 1/2/1965  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 6/24/1996  
Cleanup Fund Id: Not reported  
Discover Date: 6/10/1996  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 3/16/1998  
Funding: Not reported  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date: 1/2/1965  
Max MTBE GW: 0  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 345  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 4/3/2001  
Stop Date: 5/30/1996  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102303  
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: 7744.1384717958289005867114996.  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BROOKS AUTO SERVICE (Continued)**

**S103177080**

LUST Region 2:

Region: 2  
Facility Id: 21-2304  
Entered Date: 03/16/1998  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: ND

CORTESE:

Reg Id: 21-2304  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

HMS:

Facility Id: 020055-028588  
Facility Type: Not reported  
Permit Number: Not reported  
Facility Status: OPEN  
Region: Los Angeles County  
Permit Status: Not reported  
Area: 29

203  
South  
1/2-1  
4531 ft.  
Lower

3265 SAN PABLO AVENUE  
OAKLAND, CA 94609

CHMIRS S100276590  
N/A

CHMIRS:

OES Control Number: 9100110 DOT ID: 1270  
DOT Hazard Class: Miscellaneous hazardous material  
Chemical Name: WASTE OILS  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 0  
Environmental Contamination: Other Property Use: Mercantile, Business  
Incident Date: 04-FEB-91 Date Completed: 04-FEB-91  
Time Completed: 745  
Physical State Stored: Liquid  
Physical State Released: Liquid  
Release Unit: Not reported  
Container Description: Not reported  
Container Type: Not reported  
Container Material: Not reported  
Level Of Container: Not reported  
Container Capacity: 0  
Container Capacity Units (code): Not reported  
Extent Of Release (code): 7  
Agency Id Number: 1075  
Agency Incident Number: 9103486  
OES Incident Number: 9100110  
Time Notified: 645  
Surrounding Area: 500  
Estimated Temperature: 55  
Property Management: P  
More Than Two Substances Involved?: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S100276590

Special Studies 1 : Not reported  
 Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personnel # Of Injuries : 0  
 Responding Agency Personnel # Of Fatalities : 0  
 Resp Agency Personnel # Of Decontaminated : 0  
 Others Number Of Decontaminated : 0  
 Others Number Of Injuries : 0  
 Others Number Of Fatalities : 0  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CA/DOT/PUC/ICC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : EUGENE M. DICK  
 Report Date : 04-FEB-91  
 Comments : Yes  
 Facility Telephone Number : 415 273-3856

AT204  
 South  
 1/2-1  
 4565 ft.  
 Lower

958 28TH STREET  
 OAKLAND, CA 92626

Notify 65 S100178648  
 N/A

Site 1 of 2 in cluster AT

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

AU205  
 West  
 1/2-1  
 4568 ft.  
 Lower

ELEMENTIS PIGMENTS  
 4650 SHELLMOUND STREET  
 EMERYVILLE, CA 94608

Cal-Sites S104165015  
 N/A

Site 1 of 3 in cluster AU

CAL-SITES:

Facility ID 01280006  
 Status: VTERM  
 Status Date: 06/25/1998  
 Lead: DTSC  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: VOLUNTARY CLEANUP AGREEMENT TERMINATED  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
 NPL: Not Listed  
 SIC: 28 MANU - CHEMICALS & ALLIED PRODUCTS  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Type Name: VCP  
 Staff Member Responsible for Site: TPARK  
 Supervisor Responsible for Site: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**ELEMENTIS PIGMENTS (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

S104165015

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: Not reported  
 No. of Contamination Sources: 0  
 Lat/Long: 0' 0" 0.00" / 0' 0" 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: 14  
 State Senate District: 9

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

AU206  
 West  
 1/2-1  
 4568 ft.  
 Lower

PFIZER INC  
 4650 SHELLMOUND ST  
 EMERYVILLE, CA 94608  
 Site 2 of 3 in cluster AU

RCRIS-LQG 1000443244  
 RCRIS-TSD CAD009206178  
 FINDS  
 TSCA  
 CORRACTS  
 CERC-NFRAP  
 CA FID UST  
 Cortese  
 LUST

**CERCLIS-NFRAP Classification Data:**

Site Incident Category: Not reported  
 Non NPL Code: NFRAP  
 Ownership Status: Unknown

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

**CERCLIS-NFRAP Assessment History:**

Assessment: DISCOVERY  
 Assessment: ARCHIVE SITE  
 Assessment: PRELIMINARY ASSESSMENT

Completed: 11/01/1979  
 Completed: 02/01/1985  
 Completed: 02/01/1985

**CERCLIS-NFRAP Alias Name(s):**

LANDFILL EXTENDING INTO SF BAY

**CORRACTS Data:**

EPA Id: CAD009206178  
 Region: 9  
 State: CA  
 Area Name: ENTIRE FACILITY  
 Original Scheduled Date: Not reported  
 New Scheduled Date: Not reported  
 Actual Date: 02/01/1985  
 Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

**RCRIS Corrective Action Summary:**

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.  
 Event Date: 02/01/1985



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PFIZER INC (Continued)

1000443244

RCRIS:

Owner: CITY OF EMERYVILLE  
(510) 596-4350  
EPA ID: CAD009206178  
Contact: RON GERBER  
(510) 596-4350  
Rank Status: 3  
Rank Date: 08/27/1992  
Classification: Large Quantity Generator, TSDF  
Used Oil Recyc: No  
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
AIRS Facility System (AIRS/AFS)  
Facility Registry System (FRS)  
National Compliance Database (NCDB)  
National Emissions Trends (NET)  
National Toxics Inventory (NTI)  
Resource Conservation and Recovery Act Information system (RCRAINFO)  
Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1165  
Reg Board: San Francisco Bay Region  
Chemical: Diesel  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Other ground water affected  
Status: Pollution Characterization  
County: Alameda  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Replace Supply - provide alternative water supply to affected parties, Replace Supply - provide alternative water supply to affected parties  
Review Date: Not reported  
Workplan: 8/12/1988  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 2/2/1988  
Cleanup Fund Id: Not reported  
Discover Date: 2/2/1988  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 7/14/1992  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: Yes  
Leak Cause: Structure Failure

Confirm Leak: Not reported  
Prelim Assess: 8/12/1988  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PFIZER INC (Continued)

1000443244

Leak Source: Tank  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case # : 365  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 9/6/2000  
Stop Date : 2/2/1988  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101074  
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: 11890.629852071825120983457761  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000070

CORTESE:

Reg id: 01-1165  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID: 01002084 Regulate ID: 00003299  
Reg By: Inactive Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Inactive Facility Tel: Not reported  
Mail To: Not reported  
4650 SHELLMOUND ST  
EMERYVILLE, CA 94608  
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

AV207 EMERYVILLE - OPEN TOP RECONDIT  
West 4500 SHELLMOUND ST  
1/2-1 EMERYVILLE, CA 94608  
4576 ft.  
Lower Site 1 of 2 in cluster AV

CA FID UST S101624422  
HAZNET N/A  
Cortese  
CA SLIC

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

EMERYVILLE - OPEN TOP RECONDIT (Continued)

S101624422

HAZNET:

Gepaid: CAT000624957  
Tepaid: CAD028409019  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .0375  
Category: Other organic solids  
Disposal Method: Transfer Station  
Contact: IMACE CORPORATION  
Telephone: (510) 652-6847  
Mailing Address: 900 BROOKSIDE DR  
RICHMOND, CA 94801 - 1309  
County 1

Gepaid: CAT000624957  
Tepaid: CAD980675276  
Gen County: 1  
Tsd County: Kern  
Tons: 4.0000  
Category: Other inorganic solid waste  
Disposal Method: Treatment, Tank  
Contact: IMACE CORPORATION  
Telephone: (510) 652-6847  
Mailing Address: 900 BROOKSIDE DR  
RICHMOND, CA 94801 - 1309  
County 1

Gepaid: CAT000624957  
Tepaid: CAD980675276  
Gen County: 1  
Tsd County: Kern  
Tons: .7500  
Category: Other inorganic solid waste  
Disposal Method: Disposal, Land Fill  
Contact: IMACE CORPORATION  
Telephone: (510) 652-6847  
Mailing Address: 900 BROOKSIDE DR  
RICHMOND, CA 94801 - 1309  
County 1

Gepaid: CAT000624957  
Tepaid: CAL000027741  
Gen County: 1  
Tsd County: 5  
Tons: 12.6420  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: IMACE CORPORATION  
Telephone: (510) 652-6847  
Mailing Address: 900 BROOKSIDE DR  
RICHMOND, CA 94801 - 1309  
County 1

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**EMERYVILLE - OPEN TOP RECONDIT (Continued)**

S101624422

Gepaid: CAT000624957  
 Tepaid: CAD044003556  
 Gen County: 1  
 Tsd County: Yolo  
 Tons: 5.2125  
 Category: Unspecified oil-containing waste  
 Disposal Method: Not reported  
 Contact: IMACE CORPORATION  
 Telephone: (510) 652-6847  
 Mailing Address: 900 BROOKSIDE DR  
 RICHMOND, CA 94801 - 1309  
 County: 1

The CA HAZNET database contains 11 additional records for this site.  
 Please contact your EDR Account Executive for more information.

**CORTESE:**

Reg Id: 01340110  
 Region: CORTESE  
 Reg By: CALSI

**SLIC Region 2:**

Facility ID: 01S0200  
 Region: 2  
 Facility Status: Active Not reported  
 Staff: BG Not reported  
 Last Site Update: 01/10/19  
 NPL Status: Not an NPL site  
 Case List: SLIC  
 Date Closed: Not reported  
 Abate Method: Not reported  
 Case Type: NT  
 Contamination: Not reported  
 Lead: RWQCB  
 Contamination Level:  
 Number of Municipal Wells Contaminated by Site: 0  
 Number of Private Wells Contaminated by Site: 0  
 Soil Removal Action Taken/Needed: 0  
 Soil Removal or Contaminant Action Started:  
 Soil Removal or Contaminant Action Completed: 0  
 On-Site Groundwater Extraction or Containment is Needed: 0  
 On-Site Groundwater Extraction or Containment Started:  
 Off-Site Groundwater Extraction or Containment is Needed:  
 Off-Site Groundwater Extraction or Containment Started:  
 Length of Contamination Plume (Feet): 0  
 Depth of Contamination Plume (Feet): 0  
 Wells Closed Due To Contamination of Site:  
 Date of Wells Closure:  
 Nearest Public or Private Drinking Water Well (Feet): 0  
 Under Jurisdiction of Lead Agency Date:  
 Latitude/Longitude: 38 / -122  
 Flow Rate: 0  
 Flow Date:  
 Percent of Contaminants Contained: 0  
 Contaminant Type:  
 EPA ID:  
 Stages of Site Investigation Process Initiated:  
 Begun Characterization : Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**EMERYVILLE - OPEN TOP RECONDIT (Continued)**

S101624422

Completed Characterization : Not reported  
 Begun Remediation: Not reported  
 Completed Remediation: Not reported  
 Submitted Remediation Plan: Not reported  
 Approved Remediation Plan: Not reported  
 Begun Final Remedial Action: Not reported  
 Completed Final Remedial Action: Not reported  
 Facility Desc: Not reported  
 Comment: Not reported

AV208  
 West  
 1/2-1  
 4576 ft.  
 Lower

**MYERS DRUM - EMERYVILLE**  
 4500 SHELLMOUND STREET  
 EMERYVILLE, CA 94608

Cal-Sites S101272665  
 DEED N/A

Site 2 of 2 in cluster AV

CA DEEDS:

Facility Id: 1340110  
 Number of Deeds: 1

CAL-SITES:

Facility ID 01340110  
 Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE  
 Status Date: 01/01/1990  
 Lead: DTSC  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: ANNUAL WORKPLAN - ACTIVE SITE  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
 NPL: Not Listed  
 SIC: 34 MANU - FABRICATED METAL PRODUCTS  
 Facility Type: RESPONSIBLE PARTY  
 Type Name: RP  
 Staff Member Responsible for Site: TPARK  
 Supervisor Responsible for Site: Not reported  
 Region Water Control Board: SF - SAN FRANCISCO BAY  
 Access: Controlled  
 Cortese: C  
 Hazardous Ranking Score: 36.70  
 Date Site Hazard Ranked: Not reported  
 Groundwater Contamination: Suspected  
 No. of Contamination Sources: 1  
 Lat/Long: 37° 49' 56.00" / 122° 17' 27.00"  
 Lat/long Method: TEALE ADDRESS MATCH  
 State Assembly District Code: 14  
 State Senate District: 09

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

209  
 North  
 1/2-1  
 4580 ft.  
 Higher

**900 STANFORD AVENUE**  
 OAKLAND, CA 94608

CHMIRS S100280165  
 N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100280165

CHMIRS:

OES Control Number: 9100614 DOT ID: 2874  
DOT Hazard Class: Flammable liquid  
Chemical Name: FUFURYL ALCOHOL  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 12  
Environmental Contamination: Ground Property Use: Manufacturing  
Incident Date: 08-JUL-91 Date Completed: 08-JUL-91  
Time Completed : 1420  
Physical State Stored : Liquid  
Physical State Released : Liquid  
Release Unit : Gallons  
Container Description : 2  
Container Type : 21  
Container Material : Aluminum and Aluminium alloys  
Level Of Container : Ground Level  
Container Capacity : 20  
Container Capacity Units (code) : 2  
Extent Of Release (code) : 2  
Agency Id Number : 1075  
Agency Incident Number : 119442  
OES Incident Number : 9100614  
Time Notified : 1220  
Surrounding Area : 700  
Estimated Temperature : 75  
Property Management : P  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : CAPT. WAYNE GASKIN  
Report Date : 08-JUL-91  
Comments : Yes  
Facility Telephone Number : 415 273-3856

210  
ENE 484 49 STREET  
1/2-1 OAKLAND, CA 94609  
4592 ft.  
Higher

CHMIRS S100276371  
N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100276371

CHMIRS:

OES Control Number: 9099359 DOT ID: 1203  
DOT Hazard Class: Flammable liquid  
Chemical Name: GASOLINE  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 0  
Environmental Contamination: None Reported Property Use: County/City Road  
Incident Date: 18-JUL-90 Date Completed: 18-JUL-90  
Time Completed : 1123  
Physical State Stored : Liquid  
Physical State Released : Not reported  
Release Unit : Not reported  
Container Description : 3  
Container Type : 04  
Container Material : Glass , Pottery and Clay  
Level Of Container : Ground Level  
Container Capacity : 0  
Container Capacity Units (code) : 1  
Extent Of Release (code) : Not reported  
Agency Id Number : 1075  
Agency Incident Number : 21261  
OES Incident Number : 9099359  
Time Notified : 1023  
Surrounding Area : 962  
Estimated Temperature : 70  
Property Management : C  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : TYEHIMBA PEYTON CAPT.  
Report Date : 22-JUL-90  
Comments : Yes  
Facility Telephone Number : 415 444-3322

AT211 ARAMARK UNIFORM SERVICES INC  
South 958 28TH ST  
1/2-1 OAKLAND, CA 94607  
4619 ft.  
Lower Site 2 of 2 in cluster AT

HAZNET S103677253  
Cortese N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ARAMARK UNIFORM SERVICES INC (Continued)

S103677253

HAZNET:

Gepaid: CA0000133306  
Tepaid: CAT080010101  
Gen County: 1  
Tsd County: San Diego  
Tons: .9174  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Not reported  
Contact: ARAMARK UNIFORM SERVICES INC  
Telephone: (818) 973-3700  
Mailing Address: 1827 WALDEN OFFICE SQUARE #200  
SCHAUMBURG, IL 60173  
County 1

CORTESE:

Reg Id: 01-0087  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AW212  
WSW  
1/2-1  
4634 ft.  
Lower

THOMAS A. SHORT COMPANY  
3430 WOOD STREET  
OAKLAND, CA 94607

Cal-Sites U003301033  
N/A

Site 1 of 2 in cluster AW

CAL-SITES:

Facility ID: 01340113  
Status: VCP - VOLUNTARY CLEANUP PROGRAM (VCP)  
Status Date: 05/10/1994  
Lead: DTSC  
Region: 2 - BERKELEY  
Branch: NC - NORTH COAST  
File Name: THOMAS A. SHORT CO.  
Status Name: VOLUNTARY CLEANUP PROGRAM  
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
NPL: Not Listed  
SIC: 34 MANU - FABRICATED METAL PRODUCTS  
Facility Type: VOLUNTARY CLEANUP PROGRAM  
Type Name: VCP  
Staff Member Responsible for Site: Not reported  
Supervisor Responsible for Site: LNAKASHI  
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: 0' 0' 0.00" / 0' 0' 0.00"  
Lat/long Method: Not reported  
State Assembly District Code: 16  
State Senate District: 9

The CAL-SITES database may contain additional details for this site.  
Please contact your EDR Account Executive for more information.



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

AW213 THOMAS A SHORT CO  
 WSW 3430 WOOD ST  
 1/2-1 OAKLAND, CA 94662  
 4634 ft.  
 Lower Site 2 of 2 in cluster AW

CA FID UST S101580166  
 Cortese N/A  
 CA SLIC  
 LUST

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000126

CORTESE:

Reg Id: 01-1045  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01001590	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 655-9375
Mail To:	Not reported		
	PO BOX		
	OAKLAND, CA 94662		
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		

SLIC Region 2:

Facility ID:	01S0364		
Region:	2		
Facility Status:	Inactive		Not reported
Staff:	BG		Not reported
Last Site Update:	07/11/19		
NPL Status:	Undefined	Discovery Date:	Not reported
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported	Cost Recovery:	No
Abate Method:	8006619	Substance:	Gasoline
Case Type:	NT	Sample Date:	Not reported
Contamination:	Not reported		
Lead:	RWQCB		

Contamination Level:

Number of Municipal Wells Contaminated by Site:	0
Number of Private Wells Contaminated by Site:	0
Soil Removal Action Taken/Needed:	0
Soil Removal or Contaminant Action Started:	
Soil Removal or Contaminant Action Completed:	0
On-Site Groundwater Extraction or Containment is Needed:	0
On-Site Groundwater Extraction or Containment Started:	
Off-Site Groundwater Extraction or Containment is Needed:	
Off-Site Groundwater Extraction or Containment Started:	
Length of Contamination Plume (Feet):	0
Depth of Contamination Plume (Feet):	0
Wells Closed Due To Contamination of Site:	
Date of Wells Closure:	
Nearest Public or Private Drinking Water Well (Feet):	0
Under Jurisdiction of Lead Agency Date:	
Latitude/Longitude:	38 / -122
Flow Rate:	0
Flow Date:	

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**THOMAS A SHORT CO (Continued)**

S101580166

Percent of Contaminants Contained: 0  
 Contaminant Type:  
 EPA ID:  
 Stages of Site Investigation Process Initiated:  
 Begun Characterization : Not reported  
 Completed Characterization : Not reported  
 Begun Remediation: Not reported  
 Completed Remediation: Not reported  
 Submitted Remediation Plan: Not reported  
 Approved Remediation Plan: Not reported  
 Begun Final Remedial Action: Not reported  
 Completed Final Remedial Action: Not reported  
 Facility Desc: Not reported  
 Comment: Not reported

AU214  
 West  
 1/2-1  
 4660 ft.  
 Lower

**JUDSON STEEL**  
**UNKNOWN SHELLMOUND ST**  
**EMERYVILLE, CA 94608**

Cortese S101306385  
 LUST N/A

**Site 3 of 3 in cluster AU**

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number 01-0834  
 Reg Board: San Francisco Bay Region  
 Chemical: Misc. Motor Vehicle Fuels  
 Lead Agency: Local Agency  
 Local Agency : 01000  
 Case Type: Other ground water affected  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported Confirm Leak: Not reported  
 Workplan: 4/4/1989 Prelim Assess: 4/4/1989  
 Pollution Char: Not reported Remed Plan: Not reported  
 Remed Action: Not reported Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: 6/23/1989  
 Cleanup Fund Id : Not reported  
 Discover Date : 6/23/1989  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 7/27/1989  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 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 # : 01-0834  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JUDSON STEEL (Continued)

S101306385

Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 7/24/1989  
Stop Date : 6/23/1989  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100768  
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: 10650.115954851137730386313232  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

CORTESE:

Reg Id: 01-0834  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

215  
SW  
1/2-1  
4688 ft.  
Lower

ALAMEDA CHEMICAL AND SCIENTIFIC  
2668 HANNAH STREET  
OAKLAND, CA 94608

Cal-Sites S102008173  
N/A

CAL-SITES:

Facility ID: 01280089  
Status: CERT - CERTIFIED AS HAVING BEEN REMEDIATED SATISFACTORILY UNDER DTSC  
OVERSIGHT  
Status Date: 01/01/1985  
Lead: Not reported  
Region: 2 - BERKELEY  
Branch: NC - NORTH COAST  
File Name: Not reported  
Status Name: CERTIFIED  
Lead Agency: N/A Not reported  
NPL: Not reported  
SIC: 28 MANU - CHEMICALS & ALLIED PRODUCTS  
Facility Type: N/A  
Type Name: Not reported  
Staff Member Responsible for Site: Not reported  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: Not reported  
Access: Not reported  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Not reported  
No. of Contamination Sources: 0  
Lat/Long: 0' 0" 0.00" / 0' 0" 0.00"  
Lat/long Method: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ALAMEDA CHEMICAL AND SCIENTIFIC (Continued)**

S102008173

State Assembly District Code: 14  
 State Senate District: 09

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

216  
 NNE  
 1/2-1  
 4690 ft.  
 Higher

**MARTIN LUTHER KING SCHOOL**  
**5714 MARTIN L KING WAY**  
**OAKLAND, CA 94609**

Cortese S101293721  
 LUST N/A

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1779  
 Reg Board: San Francisco Bay Region  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Undefined  
 Status: Case Closed  
 County: Alameda  
 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  
 Close Date: 9/18/1996  
 Release Date: 8/2/1991  
 Cleanup Fund Id: Not reported  
 Discover Date: 8/2/1991  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 6/15/1993  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Interim: No  
 Leak Cause: Corrosion  
 Leak Source: Tank  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: Not reported  
 Local Case #: 3653  
 Beneficial: Not reported  
 Staff: CTH  
 GW Qualifies: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifies: Not reported  
 Hydr Basin #: Not reported  
 Operator: Not reported  
 Oversight Prgm: Local Oversight Program UST  
 Oversight Prgm: LOP  
 Review Date: 9/30/1996  
 Stop Date: 8/2/1991  
 Work Suspended: N

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MARTIN LUTHER KING SCHOOL (Continued)

S101293721

Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101647  
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: 6910.9754656241577694779237128  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1779  
Entered Date: 06/15/1993  
Facility Status: Case Closed  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Quality: Not reported

CORTESE:

Reg Id: 01-1779  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

217  
SSW  
1/2-1  
4699 ft.  
Lower

NONE  
1229 28TH  
OAKLAND, CA 92626

Notify 65 S100179268  
Cortese N/A

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:

Reg Id: 01-0053  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

218  
NNW  
1/2-1  
4710 ft.  
Higher

BREKENRIDGE AUTO SHOP  
6045 SAN PABLO AVE  
OAKLAND, CA 94608

Cortese S103576394  
LUST N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-2443

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BREKENRIDGE AUTO SHOP (Continued)

S103576394

Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Other ground water affected  
Status: Preliminary site assessment underway  
County: Alameda  
Review Date: 1/18/1994  
Workplan: 1/2/1965  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 9/14/1993  
Cleanup Fund Id: Not reported  
Discover Date: 7/14/1993  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 10/1/1998  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date: 1/2/1965  
Max MTBE GW: 150  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case #: 815  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 4/3/2001  
Stop Date: 9/14/1993  
Work Suspended: N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102251  
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: 7537.6321793655447013802930504  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2443

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BREKENRIDGE AUTO SHOP (Continued)**

S103576394

Entered Date: 10/01/1998  
 Facility Status: Preliminary site assessment underway  
 Maximum Soil Concentration: 0  
 Maximum Groundwater Impact: 0  
 County: Alameda  
 Current Benzene: Not reported  
 MTBE Detected in GW: No  
 MTBE Detected in Soil: Not reported  
 MTBE: 150  
 MTBE Quality: Not reported

CORTESE:  
 Reg Id: 01-2443  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

AX219  
 SW  
 1/2-1  
 4729 ft.  
 Lower

**SUTTA & COMPANY**  
 3401 WOOD ST  
 OAKLAND, CA 94608

Cortese S102428936  
 N/A

Site 1 of 2 in cluster AX

CORTESE:  
 Reg Id: 01-0505  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

Reg Id: 01280088  
 Region: CORTESE  
 Reg By: CALSI

AX220  
 SW  
 1/2-1  
 4729 ft.  
 Lower

**SUTTA RECYCLING**  
 3401 WOOD STREET  
 OAKLAND, CA 94607

Cal-Sites S102008172  
 N/A

Site 2 of 2 in cluster AX

CAL-SITES:  
 Facility ID: 01280088  
 Status: VCP - VOLUNTARY CLEANUP PROGRAM (VCP)  
 Status Date: 05/10/1994  
 Lead: DTSC  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: VOLUNTARY CLEANUP PROGRAM  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
 NPL: Not Listed  
 SIC: 28 MANU - CHEMICALS & ALLIED PRODUCTS  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Type Name: VCP  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: LNAKASHI  
 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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SUTTA RECYCLING (Continued)**

S102008172

No. of Contamination Sources: 0  
 Lat/Long: 0' 0' 0.00" / 0' 0' 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: 16  
 State Senate District: 9

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

221  
 South  
 1/2-1  
 4751 ft.  
 Lower

**THREE H TRUCK AND AUTO CE**  
 2801 SAN PABLO  
 OAKLAND, CA 94501

Cortese S102438940  
 LUST N/A

State LUST:

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	Not reported
Case Number	01-2181	Remed Plan:	Not reported
Reg Board:	San Francisco Bay Region	Monitoring:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Soil only		
Status:	Case Closed		
County:	Alameda		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	11/7/1996		
Release Date:	5/30/1996		
Cleanup Fund Id :	Not reported		
Discover Date :	1/22/1996		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	11/7/1996		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
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 # :	01-2181		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		
Oversight Prgm :	LOP		
Review Date :	Not reported		



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

THREE H TRUCK AND AUTO CE (Continued)

S102438940

Stop Date : 11/14/1995  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102005  
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: 5004.3709653057078559937108532  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2181  
Entered Date: 11/07/1996  
Facility Status: Case Closed  
Maximum Soil Concentration: 320  
Maximum Groundwater Impact: 0  
County: Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-2181  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

AY222  
ENE  
1/2-1  
4753 ft.  
Higher

CHEVRON 93864  
5101 TELEGRAPH AVE  
OAKLAND, CA 94609

CA FID UST S101580006  
HAZNET N/A  
Cortese  
LUST

Site 1 of 2 in cluster AY

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000351

HAZNET:

Gepaid: CAL000019682  
Tepaid: CAD099452708  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .5212  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: REIL DEBORAH  
Telephone: (000) 000-0000  
Mailing Address: 5101 TELEGRAPH AVE  
OAKLAND, CA 94609  
County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CHEVRON 93864 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S101580006

Gepaid: CAL000019682  
Tepaid: NRV000001925  
Gen County: 1  
Tsd County: 0  
Tons: .5004  
Category: Unspecified aqueous solution  
Disposal Method: Recycler  
Contact: REIL DEBORAH  
Telephone: (000) 000-0000  
Mailing Address: 5101 TELEGRAPH AVE  
OAKLAND, CA 94609  
County 1

CORTESE:  
Reg Id: 01-0374  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

FID:  
Facility ID: 01000502 Regulate ID: 00062526  
Reg By: Active Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Active Facility Tel: (415) 547-9136  
Mail To: Not reported  
5101 TELEGRAPH AVE  
OAKLAND, CA 94609  
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

AY223  
ENE  
1/2-1  
4764 ft.  
Higher

BERKELEY LAND COMPANY  
5100 TELEGRAPH AVE  
OAKLAND, CA 94609

Cortese U003299774  
LUST N/A

Site 2 of 2 in cluster AY

State LUST:  
Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 01-2444  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 01000  
Case Type: Other ground water affected  
Status: Case Closed  
County: Alameda  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants  
Review Date: 5/31/1995 Confirm Leak: 5/31/1995  
Workplan: Not reported Prelim Assess: Not reported  
Pollution Char: Not reported Remed Plan: Not reported  
Remed Action: Not reported Monitoring: Not reported  
Close Date: 1/6/1999  
Release Date: 10/31/1995  
Cleanup Fund Id : Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BERKELEY LAND COMPANY (Continued)

U003299774

Discover Date : 10/31/1995  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 10/1/1998  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Yes  
Leak Cause: Unknown  
Leak Source: Unknown  
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 # : 4803  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 8/14/2000  
Stop Date : 10/31/1995  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600102252  
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: 9110.091653363910847241591863  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-2444  
Entered Date: 10/01/1998  
Facility Status: Case Closed  
Maximum Soil Concentration: 2300  
Maximum Groundwater Impact: 340  
County : Alameda  
Current Benzene: 0  
MTBE Detected in GW: 340  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-2444  
Region: CORTESE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BERKELEY LAND COMPANY (Continued)**

U003299774

Reg By: Leaking Underground Storage Tanks

224  
 WNW  
 1/2-1  
 4794 ft.  
 Lower

**SHELLMOUND VENTURE PROJECT**  
**SHELLMOUND STREET**  
**EMERYVILLE, CA 94608**

Cal-Sites S102008193  
 DEED N/A

**CA DEEDS:**

Facility Id: 1330039  
 Number of Deeds:1

**CAL-SITES:**

Facility ID 01330039  
 Status: CERT - CERTIFIED AS HAVING BEEN REMEDIATED SATISFACTORILY UNDER DTSC  
 OVERSIGHT  
 Status Date: 04/17/1998  
 Lead: DTSC  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: CERTIFIED  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
 NPL: Not Listed  
 SIC: 33 MANU - PRIMARY METAL INDUSTRIES  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Type Name: VCP  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: LNAKASHI  
 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: 3  
 Lat/Long: 0' 0' 0.00" / 0' 0' 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: 14  
 State Senate District: 09

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

225  
 SW  
 1/2-1  
 4828 ft.  
 Lower

**MANDELA PARKWAY EXTENSION PROJECT**  
**MANDELA PARKWAY / 32ND STREET**  
**OAKLAND, CA 94607**

Cal-Sites S104156159  
 N/A

**CAL-SITES:**

Facility ID 01470006  
 Status: VCP - VOLUNTARY CLEANUP PROGRAM (VCP)  
 Status Date: 09/03/1999  
 Lead: DTSC  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: MANDELA PARKWAY EXTENSION PROJECT

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MANDELA PARKWAY EXTENSION PROJECT (Continued)**

S104156159

Status Name: VOLUNTARY CLEANUP PROGRAM  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
 NPL: Not Listed  
 SIC: 47 TRANSPORTATION SERVICES  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Type Name: VCP  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: LNAKASHI  
 Region Water Control Board: SF - SAN FRANCISCO BAY  
 Access: Not reported  
 Cortese: Not reported  
 Hazardous Ranking Score: Not reported  
 Date Site Hazard Ranked: Not reported  
 Groundwater Contamination: Not reported  
 No. of Contamination Sources: 0  
 Lat/Long: 0' 0" 0.00" / 0' 0" 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: 16  
 State Senate District: 9

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

226  
 ENE  
 1/2-1  
 4880 ft.  
 Higher

**AUTOPRO NO 2 INC**  
**5200 TELEGRAPH AVE**  
**OAKLAND, CA 94609**

CA FID UST S101579957  
 Cortese N/A  
 LUST

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-0141  
 Reg Board: San Francisco Bay Region  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Soil only  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported Confirm Leak: Not reported  
 Workplan: 1/2/1965 Prelim Assess: 1/2/1965  
 Pollution Char: Not reported Remed Plan: Not reported  
 Remed Action: Not reported Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: 2/6/1991  
 Cleanup Fund Id: Not reported  
 Discover Date: 2/1/1991  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 4/12/1991  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Interim: No  
 Leak Cause: Structure Failure  
 Leak Source: Tank

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

AUTOPRO NO 2 INC (Continued)

S101579957

MTBE Date : 1/2/1965  
Max MTBE GW : 0  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported  
Local Case # : 01-12  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin # : Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 3/29/2001  
Stop Date : 2/1/1991  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600100131  
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: 8812.653196163149058006072171  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000323

CORTESE:

Reg Id: 01-0141  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID: 01000258 Regulate ID: Not reported  
Reg By: Inactive Underground Storage Tank Location  
Cortese Code: Not reported SIC Code: Not reported  
Status: Inactive Facility Tel: (415) 653-8646  
Mail To: Not reported  
2 N 2ND ST  
OAKLAND, CA 94609  
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

227  
ENE  
1/2-1  
4881 ft.  
Higher

STAUDER CHEVRON #90338  
5500 TELEGRAPH  
OAKLAND, CA 92626

Notify 65 S100179292  
HAZNET N/A  
Cortese

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

STAUDER CHEVRON #90338 (Continued)

S100179292

HAZNET:

Gepaid: CAL000018931  
Tepaid: CAD980887418  
Gen County: 1  
Tsd County: 1  
Tons: 1.4386  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Contact: BOB STAUDER  
Telephone: (000) 000-0000  
Mailing Address: 5500 TELEGRAPH AVE  
OAKLAND, CA 94609  
County 1

Gepaid: CAL000018931  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: 0.1042  
Category: Aqueous solution with 10% or more total organic residues  
Disposal Method: Recycler  
Contact: BOB STAUDER  
Telephone: (000) 000-0000  
Mailing Address: 5500 TELEGRAPH AVE  
OAKLAND, CA 94609  
County 1

Gepaid: CAL000018931  
Tepaid: CAD980887418  
Gen County: 1  
Tsd County: 1  
Tons: 1.2301  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Contact: BOB STAUDER  
Telephone: (000) 000-0000  
Mailing Address: 5500 TELEGRAPH AVE  
OAKLAND, CA 94609  
County 1

Gepaid: CAL000018931  
Tepaid: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: .7500  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: BOB STAUDER  
Telephone: (000) 000-0000  
Mailing Address: 5500 TELEGRAPH AVE  
OAKLAND, CA 94609  
County 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

STAUDER CHEVRON #90338 (Continued)

S100179292

Gepaid: CAL000018931  
Tepaid: CAD009452657  
Gen County: 1  
Tsd County: San Mateo  
Tons: 3.5445  
Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
Disposal Method: Recycler  
Contact: BOB STAUDER  
Telephone: (000) 000-0000  
Mailing Address: 5500 TELEGRAPH AVE  
OAKLAND, CA 94609  
County 1

The CA HAZNET database contains 8 additional records for this site.  
Please contact your EDR Account Executive for more information.

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:

Reg Id: 01-0378  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

228  
WSW  
1/2-1  
4900 ft.  
Lower

3430 WOOD ST. - ADJACENT TO  
OAKLAND, CA

CHMIRS S100278845  
N/A

CHMIRS:

OES Control Number: 8801732 DOT ID: Not reported  
DOT Hazard Class: Flammable liquid  
Chemical Name: UNKNOWN  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: Not reported  
Environmental Contamination: Other Property Use: Vacant Lot  
Incident Date: 06-JUN-88 Date Completed: 06-JUN-88  
Time Completed : Not reported  
Physical State Stored : Liquid  
Physical State Released : Not reported  
Release Unit : Not reported  
Container Description : 2  
Container Type : 19  
Container Material : Plastic Fiberglass , Rigid  
Level Of Container : Ground Level  
Container Capacity : 5  
Container Capacity Units (code) : 2  
Extent Of Release (code) : 8  
Agency Id Number : 1075  
Agency Incident Number : 15806  
OES Incident Number : 8801732  
Time Notified : 1322  
Surrounding Area : 961  
Estimated Temperature : 58



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S100278845

Property Management : C  
 More Than Two Substances Involved? : Not reported  
 Special Studies 1 : Not reported  
 Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personnel # Of Injuries : Not reported  
 Responding Agency Personnel # Of Fatalities : Not reported  
 Resp Agency Personnel # Of Decontaminated : Not reported  
 Others Number Of Decontaminated : Not reported  
 Others Number Of Injuries : Not reported  
 Others Number Of Fatalities : Not reported  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CA/DOT/PUC/ICC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : LT. G. STEPHENS / 67  
 Report Date : 06-JUN-88  
 Comments : Yes  
 Facility Telephone Number : 415 444-3322

229  
 SSW  
 1/2-1  
 4921 ft.  
 Lower

**CUSTOM ALLOY SCRAP SALES**  
 2730 PERALTA ST  
 OAKLAND, CA 94607

Cortese S102405629  
 CA SLIC N/A

CORTESE:

Reg Id: 01-0471  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

Reg Id: 01-2188  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

SLIC Region 2:

Facility ID: 01S0448  
 Region: 2  
 Facility Status: Contaminant problems not fully delineated Not reported  
 Staff: BG Not reported  
 Last Site Update: 11/05/19  
 NPL Status: 0 Discovery Date: Not reported  
 Case List: SLIC Imaged: No  
 Date Closed: Not reported Cost Recovery: No  
 Abate Method: Not reported Substance: Not reported  
 Case Type: Not reported Sample Date: Not reported  
 Contamination: 0  
 Lead: 0  
 Contamination Level:  
 Number of Municipal Wells Contaminated by Site: 0  
 Number of Private Wells Contaminated by Site: 0  
 Soil Removal Action Taken/Needed:  
 Soil Removal or Contaminant Action Started:  
 Soil Removal or Contaminant Action Completed:

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CUSTOM ALLOY SCRAP SALES (Continued)**

S102405629

On-Site Groundwater Extraction or Containment is Needed:  
 On-Site Groundwater Extraction or Containment Started:  
 Off-Site Groundwater Extraction or Containment is Needed:  
 Off-Site Groundwater Extraction or Containment Started:  
 Length of Contamination Plume (Feet): 0  
 Depth of Contamination Plume (Feet): 0  
 Wells Closed Due To Contamination of Site:  
 Date of Wells Closure:  
 Nearest Public or Private Drinking Water Well (Feet): 0  
 Under Jurisdiction of Lead Agency Date:  
 Latitude/Longitude: 0 / 0  
 Flow Rate: 0  
 Flow Date:  
 Percent of Contaminants Contained: 0  
 Contaminant Type:  
 EPA ID:  
 Stages of Site Investigation Process Initiated:  
   Begun Characterization : Not reported  
   Completed Characterization : Not reported  
   Begun Remediation: Not reported  
   Completed Remediation: Not reported  
   Submitted Remediation Plan: Not reported  
   Approved Remediation Plan: Not reported  
   Begun Final Remedial Action: Not reported  
   Completed Final Remedial Action: Not reported  
 Facility Desc: Not reported  
 Comment: Not reported

AZ230  
 SW  
 1/2-1  
 4928 ft.  
 Lower

**AT & SF RAILROAD PROPERTY  
 ALONG WOOD / 32ND STREET  
 OAKLAND, CA 94607**

Cal-Sites S102008218  
 Cortese N/A

**Site 1 of 3 in cluster AZ**

**CAL-SITES:**

Facility ID 01400005  
 Status: VCP - VOLUNTARY CLEANUP PROGRAM (VCP)  
 Status Date: 05/10/1994  
 Lead: DTSC  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: VOLUNTARY CLEANUP PROGRAM  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
 NPL: Not Listed  
 SIC: 40 RAILROAD TRANSPORTATION  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Type Name: VCP  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: LNAKASHI  
 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: Suspected  
 No. of Contamination Sources: 0  
 Lat/Long: 0' 0' 0.00" / 0' 0' 0.00"  
 Lat/long Method: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

AT & SF RAILROAD PROPERTY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102008218

State Assembly District Code: 16  
State Senate District: 9

The CAL-SITES database may contain additional details for this site  
Please contact your EDR Account Executive for more information.

CORTESE:

Reg Id: 01400005  
Region: CORTESE  
Reg By: CALSI

231  
NW  
1/2-1  
4940 ft.  
Lower

WESTVACO ENVELOPE DIV  
5650 HOLLIS ST  
EMERYVILLE, CA 94608

HAZNET 1000422792  
Cortese N/A

HAZNET:

Gepaid: CAD981658040  
Tepaid: CAD000633164  
Gen County: 1  
Tsd County: Imperial  
Tons: 16.8560  
Category: Adhesives  
Disposal Method: Disposal, Land Fill  
Contact: WESTVACO CORP  
Telephone: (212) 688-5000  
Mailing Address: PO BOX 3300  
SPRINGFIELD, MA 01102 - 3300  
County 1

Gepaid: CAD981658040  
Tepaid: CAT080031628  
Gen County: 1  
Tsd County: Kern  
Tons: .2293  
Category: Waste oil and mixed oil  
Disposal Method: Not reported  
Contact: WESTVACO CORP  
Telephone: (212) 688-5000  
Mailing Address: PO BOX 3300  
SPRINGFIELD, MA 01102 - 3300  
County 1

CORTESE:

Reg Id: 2848  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

BA232  
SSE  
1/2-1  
4940 ft.  
Lower

OAKLAND LAUNDRY COMPANY  
730 29TH STREET  
OAKLAND, CA 94609

Cal-Sites S102008253  
N/A

Site 1 of 2 in cluster BA

CAL-SITES:

Facility ID 01720100  
Status: NFA - NO FURTHER ACTION FOR DTSC  
Status Date: 11/05/1980  
Lead: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

Site

Database(s)

**OAKLAND LAUNDRY COMPANY (Continued)**

S102008253

Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: NO FURTHER ACTION FOR DTSC  
 Lead Agency: N/A Not reported  
 NPL: Not reported  
 SIC: 72 PERSONAL SERVICES  
 Facility Type: N/A  
 Type Name: Not reported  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: Not reported  
 Region Water Control Board: Not reported  
 Access: Not reported  
 Cortese: Not reported  
 Hazardous Ranking Score: Not reported  
 Date Site Hazard Ranked: Not reported  
 Groundwater Contamination: Not reported  
 No. of Contamination Sources: 0  
 Lat/Long: 0' 0' 0.00" / 0' 0' 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: Not reported  
 State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

BA233  
 SSE  
 1/2-1  
 4940 ft.  
 Lower

**CALOUS BLDG**  
 730 29TH ST  
 OAKLAND, CA 94609  
 Site 2 of 2 in cluster BA

Cortese S102430198  
 N/A

CORTESE:  
 Reg Id: 01-2190  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

234  
 NE  
 1/2-1  
 4956 ft.  
 Higher

**F/O 521 55TH STREET**  
 OAKLAND, CA 94608

CHMIRS S100221603  
 N/A

CHMIRS:  
 OES Control Number: 9099590 DOT ID: 9188  
 DOT Hazard Class: Miscellaneous hazardous material  
 Chemical Name: OIL, MOTOR  
 Extent of Release: Not reported  
 CAS Number: Not reported Quantity Released: 0  
 Environmental Contamination: None Reported Property Use: County/City Road  
 Incident Date: 06-OCT-90 Date Completed: 06-OCT-90  
 Time Completed: 1640  
 Physical State Stored: Liquid  
 Physical State Released: Not reported  
 Release Unit: Not reported  
 Container Description: 2  
 Container Type: 04  
 Container Material: Plastic, Flexible

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100221603

Level Of Container : Ground Level  
Container Capacity : 5  
Container Capacity Units (code) : 2  
Extent Of Release (code) : 8  
Agency Id Number : 1075  
Agency Incident Number : 9029688  
OES Incident Number : 9099590  
Time Notified : 1541  
Surrounding Area : 400  
Estimated Temperature : 68  
Property Management : C  
More Than Two Substances Involved? : Not reported  
Special Studies 1 : Not reported  
Special Studies 2 : Not reported  
Special Studies 3 : Not reported  
Special Studies 4 : Not reported  
Special Studies 5 : Not reported  
Special Studies 6 : Not reported  
Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : Not reported  
Vehicle License Number : Not reported  
Vehicle State : Not reported  
Vehicle Id Number : Not reported  
CA/DOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : LT. E.M. DICK  
Report Date : 06-OCT-90  
Comments : No  
Facility Telephone Number : 415 444-3322

235  
WNW  
1/2-1  
4962 ft.  
Lower

BP OIL CO FAC SITE NO 11126  
1700 POWELL ST  
EMERYVILLE, CA 94608

CA FID UST S101579973  
Cortese N/A  
LUST

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000066

CORTESE:

Reg Id: 01-0222  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BP OIL CO FAC SITE NO 11126 (Continued)**

S101579873

**FID:**

Facility ID:	01000356	Regulate ID:	00039595
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 655-0909
Mail To:	Not reported		
	2868 PROSPECT DR EMERYVILLE, CA 94608		
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		

BB236  
 SW  
 1/2-1  
 4964 ft.  
 Lower

**JT TRUCKING**  
 2818 CYPRESS ST  
 OAKLAND, CA 94608  
 Site 1 of 2 in cluster BB

Cortese S100851274  
 N/A

**CORTESE:**

Reg Id: 01-1704  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

237  
 West  
 1/2-1  
 4973 ft.  
 Lower

**CITY OF EMERYVILLE**  
 SHELLMOUND ST.-TEMESCO CREEK  
 EMERYVILLE, CA 94608

HAZNET S102803965  
 Cortese N/A

**HAZNET:**

Gepaid: CAC001048392  
 Tepaid: CAT000646117  
 Gen County: 1  
 Tsd County: Kings  
 Tons: 15.1704  
 Category: Contaminated soil from site clean-ups  
 Disposal Method: Not reported  
 Contact: CITY OF EMERYVILLE  
 Telephone: (000) 000-0000  
 Mailing Address: 2200 POWELL ST  
 EMERYVILLE, CA 94608 - 1809  
 County 1

Gepaid: CAC001048392  
 Tepaid: CAT000646117  
 Gen County: 1  
 Tsd County: Kings  
 Tons: 15.1704  
 Category:  
 Disposal Method: Disposal, Land Fill  
 Contact: CITY OF EMERYVILLE  
 Telephone: (000) 000-0000  
 Mailing Address: 2200 POWELL ST  
 EMERYVILLE, CA 94608 - 1809  
 County 1

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CITY OF EMERYVILLE (Continued)**

S102803965

Gepaid: CAC001048392  
 Tepaid: CAT000646117  
 Gen County: 1  
 Tsd County: Kings  
 Tons: 313.5216  
 Category: Contaminated soil from site clean-ups  
 Disposal Method: Disposal, Land Fill  
 Contact: CITY OF EMERYVILLE  
 Telephone: (000) 000-0000  
 Mailing Address: 2200 POWELL ST  
 EMERYVILLE, CA 94608 - 1809  
 County 1

**CORTESE:**

Reg Id: 01330039  
 Region: CORTESE  
 Reg By: CALSI

AZ238  
 SW  
 1/2-1  
 4987 ft.  
 Lower

**GENERAL TRANSPORTATION**  
 3211 WOOD STREET  
 OAKLAND, CA 94607

Cal-Sites S104162464  
 N/A

**Site 2 of 3 in cluster AZ**

**CAL-SITES:**

Facility ID 01750018  
 Status: NFA - NO FURTHER ACTION FOR DTSC  
 Status Date: 04/16/1997  
 Lead: DTSC  
 Region: 2 - BERKELEY  
 Branch: NC - NORTH COAST  
 File Name: Not reported  
 Status Name: NO FURTHER ACTION FOR DTSC  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported  
 NPL: Not Listed  
 SIC: 75 AUTO REPAIR, SERVICES & PARKING  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Type Name: VCP  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: LNAKASHI  
 Region Water Control Board: SF - SAN FRANCISCO BAY  
 Access: Not reported  
 Cortese: Not reported  
 Hazardous Ranking Score: Not reported  
 Date Site Hazard Ranked: Not reported  
 Groundwater Contamination: Not reported  
 No. of Contamination Sources: 0  
 Lat/Long: 37° 49' 27.00" / 122° 17' 22.00"  
 Lat/long Method: TEALE  
 State Assembly District Code: 16  
 State Senate District: 09

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

EDR ID Number  
 EPA ID Number

AZ239  
 SW  
 1/2-1  
 4987 ft.  
 Lower

**GENERAL TRANSPORTATION INC.**  
 3211 WOOD ST  
 OAKLAND, CA 94608

CA FID UST  
 Cortese  
 LUST

S101624431  
 N/A

Site 3 of 3 in cluster AZ

LUST Alameda County:

Region : ALAMEDA  
 Facility ID : RO0000338

CORTESE:

Reg Id: 01-0690  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

240  
 SW  
 1/2-1  
 5020 ft.  
 Lower

**WAREHAM PROPERTY**  
 2855 CYPRESS ST  
 OAKLAND, CA 94607

Cortese  
 LUST

S101293684  
 N/A

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: 01-1647  
 Reg Board: San Francisco Bay Region  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency: 01000  
 Case Type: Soil only  
 Status: Preliminary site assessment underway  
 County: Alameda  
 Abate Method: No Action Taken - no action has as yet been taken at the site  
 Review Date: Not reported  
 Workplan: 1/2/1965  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Close Date: Not reported  
 Release Date: 9/3/1991  
 Cleanup Fund Id : Not reported  
 Discover Date : 9/3/1991  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 10/1/1991  
 Funding: Federal Funds  
 Staff Initials: UNK  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 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 # : 3712  
 Beneficial: Not reported  
 Staff : CTH  
 GW Qualifies : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifies : Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

WAREHAM PROPERTY (Continued)

S101293684

Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 7/1/1998  
Stop Date : 9/9/1991  
Work Suspended   
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101522  
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: 9427.190588038455692761486331  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1647  
Entered Date: 10/01/1991  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 1800  
Maximum Groundwater Impact: 0  
County : Alameda  
Current Benzene: Not reported  
MTBE Detected in GW: No  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

CORTESE:

Reg Id: 01-1647  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

BB241  
SW  
1/2-1  
5021 ft.  
Lower

KALMARAC OF OAKLAND INC  
2792 CYPRESS STREET  
OAKLAND, CA 94607

Site 2 of 2 in cluster BB

RCRIS-SQG 1000296008  
FINDS CAD982522583  
UST  
HAZNET  
Cortese  
LUST

RCRIS:

Owner: L B ARRIGHI INVS  
(415) 555-1212  
EPA ID: CAD982522583  
Contact: ENVIRONMENTAL MANAGER  
(415) 763-5225

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**KALMARAC OF OAKLAND INC (Continued)**

1000296008

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**State LUST:**

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-0847  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Other ground water affected  
Status: Case Closed  
County: Alameda  
Abate Method: 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: Not reported  
Workplan: 12/20/1989  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 10/3/1994  
Release Date: 6/26/1989  
Cleanup Fund Id: Not reported  
Discover Date: 3/9/1989  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 4/27/1989  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
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 #: 3161  
Beneficial: Not reported  
Staff: CTH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: 3/13/1995  
Stop Date: 3/9/1989  
Work Suspended: N  
Responsible Party: BLANK RP

Confirm Leak: Not reported  
Prelim Assess: 12/20/1989  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

KALMARAC OF OAKLAND INC (Continued)

1000296008

RP Address: Not reported  
Global Id: T0600100781  
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: 9237.589892529810031477691202  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 3161  
Reg Board: Central Coast Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 42000  
Case Type: Soil only  
Status: Preliminary site assessment underway  
County: Santa Barbara  
Abate Method: Other Means  
Review Date: 4/7/1999  
Workplan: 8/3/1999  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 3/3/1999  
Cleanup Fund Id: Not reported  
Discover Date: 3/3/1999  
Enforcement Dt: 1/1/1965  
Enf Type: 000  
Enter Date: Not reported  
Funding: Federal Funds  
Staff Initials: 631  
How Discovered: Not reported  
How Stopped: Not reported  
Interim: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
MTBE Date: 3/9/1999  
Max MTBE GW: 8  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: 2A4  
Local Case #: 51627  
Beneficial: Not reported  
Staff: RBA  
GW Qualifies: <  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm: LOP  
Review Date: Not reported  
Stop Date: Not reported

Confirm Leak: 4/7/1999  
Prelim Assess: 8/3/1999  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

KALMARAC OF OAKLAND INC (Continued)

1000296008

Work Suspended Not reported  
Responsible Party Not reported  
RP Address: Not reported  
Global Id: T0608300591  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1  
Mtbe Fuel: 1  
Water System Name: CALIFORNIA CITIES - ORCUTT  
Well Name: M.F. WELL 01  
Distance To LUST: 1853.6860039002915208318228641  
Waste Discharge Global ID: W0608310016  
Waste Disch Assigned Name: 09N/34W-02E02 S

LUST Region 2:

Region: 2  
Facility Id: 01-0847  
Entered Date: 04/27/1989  
Facility Status: Case Closed  
Maximum Soil Concentration: 2900  
Maximum Groundwater Impact: 10000  
County: Alameda  
Current Benzene: 73  
MTBE Detected in GW: 10000  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: Not reported

LUST Region 3:

Case Number: 3161  
Cross Street: Lakeview Rd  
Responsible Party: Not reported  
Operator: Not reported  
Local Agency: 03  
Local Case Num: 51627  
Quantity: Not reported  
Discovered: 03/03/1999  
How Found: Not reported  
Source: Other  
Cause: Not reported  
Lead Agency: Local Agency  
Case Type: Soil only  
Priority: 2A4  
Facility Status: Preliminary site assessment underway  
Facility County: Santa Barbara  
Abate Method: Other  
Review Date: / /  
Confirm Leak: 4/7/99  
Basin Plan: Not reported  
Prelim Assess: 8/3/99  
Remedial Plan: Not reported  
Monitoring: Not reported  
Enforce Type: None Taken  
Enforce Date: 1/1/85  
Interim Action: Not reported  
Mtbe Concentration :  
Mtbe Fuel: 1  
Org Name: Not reported

Release Date: 03/03/1999  
Enter Date: / /  
Contact: Not reported  
Regional Board: Central Coast Region  
Stop Date: Not reported  
How Stopped: Not reported  
Staff Initials: RBA  
Funding: Federal Funds  
Workplan: 2/26/99  
Pollution Char: Not reported  
Remedial Action: / /  
Close Date: / /  
Pilot Program: LOP  
Region: 3

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

KALMARAC OF OAKLAND INC (Continued)

1000296008

Water System: CALIFORNIA CITIES - ORCUTT  
Well Name: M.F. WELL 01  
Dist From Well: 1853.6860039002915208318228641  
Assigned Name: 09N/34W-02E02 S  
Mtbe Class: C  
CUF Id : Not reported  
Max MTBE Ground Water : 8  
Max MTBE Soil : Not reported  
Max MTBE Data : 3/9/99  
MTBE Tested : YES  
Suspended : Not reported  
Beneficial : Not reported  
Lat/Long : 34.8937931 / -120.4359717  
Soil Qualifier: Not reported  
Groundwater Qualifier: <  
Summary: Not reported

HAZNET:

Gepaid: CAD982522583  
Tepaid: CAD043260702  
Gen County: 1  
Tsd County: San Mateo  
Tons: .3127  
Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Contact: KALMAR AC INC  
Telephone: (614) 878-0885  
Mailing Address: PO BOX 8187  
EMERYVILLE, CA 94662 - 0187  
County 1  
Gepaid: CAD982522583  
Tepaid: CAT000613893  
Gen County: 1  
Tsd County: Los Angeles  
Tons: .0480  
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
Disposal Method: Not reported  
Contact: KALMAR AC INC  
Telephone: (614) 878-0885  
Mailing Address: PO BOX 8187  
EMERYVILLE, CA 94662 - 0187  
County 1  
Gepaid: CAD982522583  
Tepaid: CAD009466392  
Gen County: 1  
Tsd County: 7  
Tons: .2500  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: KALMAR AC INC  
Telephone: (614) 878-0885  
Mailing Address: PO BOX 8187  
EMERYVILLE, CA 94662 - 0187  
County 1

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KALMARAC OF OAKLAND INC (Continued)**

1000296008

Gepaid: CAD982522583  
 Tepaid: CAD980887418  
 Gen County: 1  
 Tsd County: 1  
 Tons: .4170  
 Category: Waste oil and mixed oil  
 Disposal Method: Recycler  
 Contact: KALMAR AC INC  
 Telephone: (614) 878-0885  
 Mailing Address: PO BOX 8187  
 EMERYVILLE, CA 94662 - 0187  
 County 1

Gepaid: CAD982522583  
 Tepaid: CAD980887418  
 Gen County: 1  
 Tsd County: 1  
 Tons: .8756  
 Category: Aqueous solution with less than 10% total organic residues  
 Disposal Method: Transfer Station  
 Contact: KALMAR AC INC  
 Telephone: (614) 878-0885  
 Mailing Address: PO BOX 8187  
 EMERYVILLE, CA 94662 - 0187  
 County 1

The CA HAZNET database contains 24 additional records for this site.  
 Please contact your EDR Account Executive for more information.

**CORTESE:**

Reg Id: 01-0847  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

**UST San Francisco County:**

Facility ID:	3161	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Manufacturer:	Not reported	Date Installed:	Not reported
Other Interior Lining:	Not reported		
Receive Date:	2/4/98 0:00:00	Close Date:	2/20/98 0:00:00
Owner Name:	Not reported		
Certified Date:	6/30/98 0:00:00		
Flag:	CLOSED		
Other Corrosion Protection:	Not reported		
Drop Tube:	Not reported		
Striker Plate:	Not reported	Dispenser:	Not reported
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Name:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KALMARAC OF OAKLAND INC (Continued)**

1000296008

Piping Type:	Not reported
Piping Aboveground:	Not reported
Piping Underground:	Not reported
Piping Construction:	Not reported
Piping Construction Aboveground:	Not reported
Piping Construction Underground:	Not reported
Piping Material:	Not reported
Other Piping Material:	Not reported
Piping Material Aboveground:	Not reported
Piping Material Underground:	Not reported
Pipe Leak Detection:	Not reported
Estimated Last Date Used:	Not reported
Estimated Quantity Remaining:	Not reported
Inert Filing:	Not reported
Jurisdiction:	Not reported
Other Tank System:	Not reported
Other Tank Leak Detection:	Not reported
Other Pipe Leak Detection:	Not reported
Methanol Compatible:	Not reported

242  
 NNE  
 1/2-1  
 5028 ft.  
 Higher

5800 DOVER STREET  
 OAKLAND, CA 94609

CHMIRS S100221203  
 N/A

CHMIRS:

OES Control Number:	9099183	DOT ID:	1978
DOT Hazard Class:	Gases		
Chemical Name:	PROPANE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	40
Environmental Contamination:	Air	Properly Use:	County/City Road
Incident Date:	06-MAY-90	Date Completed:	06-MAY-90
Time Completed :			1810
Physical State Stored :			Liquid
Physical State Released :			Gas
Release Unit :			Gallons
Container Description :			3
Container Type :			03
Container Material :			Iron Steel and Other Iron Alloys
Level Of Container :			Ground Level
Container Capacity :			40
Container Capacity Units (code) :			2
Extent Of Release (code) :			7
Agency Id Number :			1075
Agency Incident Number :			13105
OES Incident Number :			9099183
Time Notified :			1624
Surrounding Area :			400
Estimated Temperature :			72
Properly Management :			C
More Than Two Substances Involved? :			Not reported
Special Studies 1 :			Not reported
Special Studies 2 :			Not reported
Special Studies 3 :			Not reported
Special Studies 4 :			Not reported
Special Studies 5 :			Not reported
Special Studies 6 :			Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100221203

Responding Agency Personnel # Of Injuries : 0  
Responding Agency Personnel # Of Fatalities : 0  
Resp Agency Personnel # Of Decontaminated : 0  
Others Number Of Decontaminated : 0  
Others Number Of Injuries : 0  
Others Number Of Fatalities : 0  
Vehicle Make/year : WINNIBAGO  
Vehicle License Number : Not reported  
Vehicle State : CA  
Vehicle Id Number : Not reported  
CADOT/PUC/ICC Number : Not reported  
Company Name : Not reported  
Reporting Officer Name/ID : LT. MARK HOFFMANN  
Report Date : 06-MAY-90  
Comments : No  
Facility Telephone Number : 415 444-3322

243  
ESE  
1/2-1  
5047 ft.  
Higher

UNOCAL  
411 W MACARTHUR BLVD  
OAKLAND, CA 94609

Cortese S104660359  
LUST N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 01-1597  
Reg Board: San Francisco Bay Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 01000  
Case Type: Other ground water affected  
Status: Preliminary site assessment underway  
County: Alameda  
Abate Method: 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: Not reported  
Workplan: 10/31/1989  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 7/12/1989  
Cleanup Fund Id : Not reported  
Discover Date : 7/12/1989  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 7/27/1989  
Funding: Federal Funds  
Staff Initials: UNK  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Yes  
Leak Cause: Structure Failure  
Leak Source: Tank  
MTBE Date : 1/2/1965  
Max MTBE GW : 11  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
Priority: Not reported

Confirm Leak: Not reported  
Prelim Assess: 10/31/1989  
Remed Plan: Not reported  
Monitoring: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

UNOCAL (Continued)

S104660359

Local Case # : 3627  
Beneficial: Not reported  
Staff : CTH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 8/2/2001  
Stop Date : 7/17/1989  
Work Suspended N  
Responsible Party: BLANK RP  
RP Address: Not reported  
Global Id: T0600101472  
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: 4923.4008477691765871292033203  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 2:

Region: 2  
Facility Id: 01-1597  
Entered Date: 07/27/1989  
Facility Status: Preliminary site assessment underway  
Maximum Soil Concentration: 3100  
Maximum Groundwater Impact: 9200  
County : Alameda  
Current Benzene: 11  
MTBE Detected in GW: 9200  
MTBE Detected in Soil: Not reported  
MTBE: 0  
MTBE Qualify: 11

CORTESE:

Reg Id: 01-1597  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

BC244  
NW  
1/2-1  
5084 ft.  
Lower

WESTINGHOUSE ELECTRIC CO - EMERYVILLE  
5899 PELADEAU STREET  
EMERYVILLE, CA 94608

Cal-Sites S102008212  
N/A

Site 1 of 3 in cluster BC

CAL-SITES:

Facility ID 01360057  
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROLBOARD (RWQCB) LEAD  
Status Date: 11/14/1994  
Lead: RWQCB  
Region: 2 - BERKELEY  
Branch: NC - NORTH COAST  
File Name: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WESTINGHOUSE ELECTRIC CO - EMERYVILLE (Continued)**

S102008212

Status Name: PROPERTY/SITE REFERRED TO RWQCB  
 Lead Agency: REGIONAL WATER QUALITY CONTROL BOARD Not reported  
 NPL: Not Listed  
 SIC: 36 MANU - ELECTRONIC & OTHER ELECTRIC EQUIP  
 Facility Type: N/A  
 Type Name: Not reported  
 Staff Member Responsible for Site: Not reported  
 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: Unknown  
 No. of Contamination Sources: 0  
 Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"  
 Lat/long Method: Not reported  
 State Assembly District Code: Not reported  
 State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.  
 Please contact your EDR Account Executive for more information.

BC245 WESTINGHOUSE ELECTRIC COMPANY - EMERYVILLE CA BOND EXP. PLAN S100833505  
 NW 5899 PELADEAU STREET N/A  
 1/2-1 EMERYVILLE, CA 94608  
 5084 ft.  
 Lower Site 2 of 3 in cluster BC

BC246 WESTINGHOUSE ELECTRIC CORP RCRIS-LQG 1000413448  
 NW 5899 PELADEAU ST PO BOX 8202 FINDS CAT080032113  
 1/2-1 EMERYVILLE, CA 94608 CERC-NFRAP  
 5084 ft. Cortese  
 Lower Site 3 of 3 in cluster BC CA SLIC

CERCLIS-NFRAP Classification Data:  
 Site Incident Category: Not reported Federal Facility: Not a Federal Facility  
 Non NPL Code: NFRAP  
 Ownership Status: Unknown NPL Status: Not on the NPL  
 CERCLIS-NFRAP Assessment History:  
 Assessment: DISCOVERY Completed: 03/01/1981  
 Assessment: PRELIMINARY ASSESSMENT Completed: 03/01/1985  
 Assessment: ARCHIVE SITE Completed: 07/01/1988  
 Assessment: PRELIMINARY ASSESSMENT Completed: 07/01/1988

RCRIS:  
 Owner: WESTINGHOUSE ELECTRIC CORPORATION  
 (415) 555-1212  
 EPA ID: CAT080032113  
 Contact: ENVIRONMENTAL MANAGER  
 (415) 428-4710  
 Classification: Large Quantity Generator  
 Used Oil Recyc: No  
 TSD Activities: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WESTINGHOUSE ELECTRIC CORP (Continued)**

1000413448

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Facility Registry System (FRS)  
 Resource Conservation and Recovery Act Information system (RCRAINFO)

**CORTESE:**

Reg Id: 01360057  
 Region: CORTESE  
 Reg By: CALSI

**SLIC Region 2:**

Facility ID:	01S0021		
Region:	2		
Facility Status:	Active		Not reported
Staff:	BG		Not reported
Last Site Update:	08/04/19		
NPL Status:	Not an NPL site	Discovery Date:	Not reported
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported	Cost Recovery:	YES
Abate Method:	Not reported	Substance:	Not reported
Case Type:	NT	Sample Date:	Not reported
Contamination:	SPILLAGE OF TRANSFORMER OIL CONTAINING PCB'S		
Lead:	RWQCB		
Contamination Level:	5280		
Number of Municipal Wells Contaminated by Site:	0		
Number of Private Wells Contaminated by Site:	0		
Soil Removal Action Taken/Needed:	Yes		
Soil Removal or Contaminant Action Started:			
Soil Removal or Contaminant Action Completed:			
On-Site Groundwater Extraction or Containment is Needed:			
On-Site Groundwater Extraction or Containment Started:			
Off-Site Groundwater Extraction or Containment is Needed:			
Off-Site Groundwater Extraction or Containment Started:			
Length of Contamination Plume (Feet):	0		
Depth of Contamination Plume (Feet):	0		
Wells Closed Due To Contamination of Site:			
Date of Wells Closure:			
Nearest Public or Private Drinking Water Well (Feet):	0		
Under Jurisdiction of Lead Agency Date:			
Latitude/Longitude:	38 / -122		
Flow Rate:	0		
Flow Date:			
Percent of Contaminants Contained:	0		
Contaminant Type:			
EPA ID:			
Stages of Site Investigation Process Initiated:			
Begun Characterization :	Yes		
Completed Characterization :	No		
Begun Remediation:	No		
Completed Remediation:	No		
Submitted Remediation Plan:	No		
Approved Remediation Plan:	No		
Begun Final Remedial Action:	No		
Completed Final Remedial Action:	No		
Facility Desc:	ELECTRICAL EQUIPMENT REPAIR		
Comment:	G		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

247  
 SSW 2600 UNION  
 1/2-1 OAKLAND, CA 94607  
 5153 ft.  
 Lower

CHMIRS S100276806  
 N/A

CHMIRS:

OES Control Number: 9100536 DOT ID: Not reported  
 DOT Hazard Class: Not Reported  
 Chemical Name: WASTE MOTOR OIL  
 Extent of Release: Not reported  
 CAS Number: Not reported Quantity Released: 0  
 Environmental Contamination: None Reported Property Use: Industrial, Utility  
 Incident Date: 19-JUN-91 Date Completed: 19-JUN-91  
 Time Completed : 1400  
 Physical State Stored : Not reported  
 Physical State Released : Not reported  
 Release Unit : Not reported  
 Container Description : Not reported  
 Container Type : Not reported  
 Container Material : Not reported  
 Level Of Container : Not reported  
 Container Capacity : 0  
 Container Capacity Units (code) : Not reported  
 Extent Of Release (code) : Not reported  
 Agency Id Number : 1075  
 Agency Incident Number : 9117283  
 OES Incident Number : 9100536  
 Time Notified : 1233  
 Surrounding Area : 600  
 Estimated Temperature : Not reported  
 Property Management : Not reported  
 More Than Two Substances Involved? : Not reported  
 Special Studies 1 : Not reported  
 Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personnel # Of Injuries : 0  
 Responding Agency Personnel # Of Fatalities : 0  
 Resp Agency Personnel # Of Decontaminated : 0  
 Others Number Of Decontaminated : 0  
 Others Number Of Injuries : 0  
 Others Number Of Fatalities : 0  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CA/DOT/PUC/CC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : DAVID FLETCHER  
 Report Date : 19-JUN-91  
 Comments : Yes  
 Facility Telephone Number : 415 273-3856

248 MC CLYMONDS HIGH SCHOOL  
 South 2607 MYRTLE  
 1/2-1 OAKLAND, CA 94607  
 5184 ft.  
 Lower

HAZNET S103647466  
 Cortese N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MC CLYMONDS HIGH SCHOOL (Continued)

S103647466

HAZNET:

Gepaid: CAC001188696  
Tepaid: AZD982465866  
Gen County: 7  
Tsd County: 99  
Tons: .0000  
Category: Polychlorinated biphenyls and material containing PCB's  
Disposal Method: Recycler  
Contact: OAKLAND UNOFIED SCHOOL DIST.  
Telephone: (000) 000-0000  
Mailing Address: 314 E 10TH  
OAKLAND, CA 94606  
County 7

CORTESE:

Reg Id: 01-2249  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

249  
SSW  
1/2-1  
5211 ft.  
Lower

WESTERN SEAFARE COMPANY  
1301 26TH ST  
OAKLAND, CA 94607

CA FID UST S101624402  
Cortese N/A  
LUST

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000729

CORTESE:

Reg Id: 01-2217  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

250  
ENE  
1/2-1  
5219 ft.  
Higher

TELEGRAPH BUSINESS PROPER  
5427 TELEGRAPH  
OAKLAND, CA 94609

Cortese S102438476  
N/A

CORTESE:

Reg Id: 01-0729  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

251  
NNW  
1/2-1  
5254 ft.  
Same

ARCO K & V GAS  
6211 SAN PABLO AVE  
OAKLAND, CA 94608

CA FID UST S101580382  
Cortese N/A  
LUST

LUST Alameda County:

Region : ALAMEDA  
Facility ID : RO0000127

CORTESE:

Reg Id: 01-1951  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks



## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COUNTY	U003713415	IDEAL PAINT CO., INC	2479 MARIN STREET	94608	UST, LUST
ALBANY	S105085802	TERRANOVA INDUSTRIES	1025 E SHORE HWY	94608	HAZNET
EMERYVILLE	S103393756	SOUTH BAYFRONT PROJECT	4650, 5500, / 5600 SHELLMOUND STREET	94608	Cal-Sites, DEED
EMERYVILLE	S102803405	CITY OF EMERYVILLE	40TH ST OVERHEAD PROJECT	94608	HAZNET
EMERYVILLE	S102008222	A C TRANSIT - EMERYVILLE	45TH STREET / SAN PABLO AVENUE	94608	Cal-Sites
EMERYVILLE	S103770856	63RD STREET TRUNK SEWER PROJECT	63RD STREET	94608	Cal-Sites
EMERYVILLE	S104565971	CITY OF EMERYVILLE /PUBLICWORKS	64TH STREET / ALCOSTE	94608	HAZNET
EMERYVILLE	S102008194	SHELLMOUND STREET	4300 EASTSHORE HIGHWAY	94608	Cal-Sites, Cortese, DEED
EMERYVILLE	S103393753	IKEA (FORMER BARBARY COAST)	4300 EASTSHORE HIGHWAY	94608	Cal-Sites, DEED
EMERYVILLE	S105483208		4300 EASTSHORE HWY	94608	LUST
EMERYVILLE	U001599287	JUDSON STEEL CORPORATION	4200 EASTSHORE HWY	94608	HIST UST
EMERYVILLE	U001599302	P*IE NATIONWIDE, INC.	5500 EASTSHORE HWY	94608	HIST UST
EMERYVILLE	U001599310	RYDER/PIE NATIONWIDE, INC.	5500 EASTSHORE HWY	94608	HIST UST
EMERYVILLE	1001115414	CHIRON CORPORATION	HOLLIS STREET	94608	RCRIS-SQG, FINDS, HAZNET
EMERYVILLE	S105085390	CITY OF EMERYVILLE	HOLLIS ST BETWEEN 53RD / 45TH	94608	HAZNET
EMERYVILLE	S104241809	CYPRESS FREEWAY/BIKEWAY PROJECT	MARITIME TO SHELLMOUND STREET	94608	Cal-Sites
EMERYVILLE	1003073276	SOUTHERN PACIFIC RAILWAY-EMERYVILLE	WEST OF 4525 HOLLIS STREET	94608	CERCLIS
EMERYVILLE	S104396737	ELECTRO COATINGS INC	1401 21 PARK AVE	94608	Cortese, LUST
EMERYVILLE	U003063932	DAYS INN HOTEL	1603 POWELL ST	94608	Cortese, LOS ANGELES CO HMS
EMERYVILLE	S104233702	GOLDSMITH LATHROP	5813 15 SHELLMOUND ST	94608	Cortese, LUST
EMERYVILLE	S103978747	MYERS CONTAINER CORP	4300 E SHORE HWY	94608	HAZNET
EMERYVILLE	S104233653	EMERY BAY MARKETPLACE	UNKNOWN 64TH / CHRISTIE	94608	Cortese, LUST
OAKLAND	S105481917	OAKLAND ARMY BASE	2475-D WEST 12TH STREET	94607	AWP
OAKLAND	S105483065		NA 5TH / ADELINE		LUST
OAKLAND	S103984021	REGENT PRESS	6020 A ADELINE	94608	HAZNET
OAKLAND	90464892	BERTH 24 MAERSK LINE 909 FERRY STREET	BERTH 24 MAERSK LINE 909 FERRY STREET		ERNS
OAKLAND	90179843	BERTH 24 MAERSK LINE 909 FERRY STREET	BERTH 24 MAERSK LINE 909 FERRY STREET		ERNS
OAKLAND	S104567938	B O M H, INC	BLOCK COVERING, ADELINE, UNION, 10TH / 8TH		HAZNET
OAKLAND	S105453979	NORTH PORT OF OAKLAND REFUSE DS/RAIDERS	SE CORNER DOOLITTLE RD X HARBOR BAY PI		SWF/LF
OAKLAND	2000546324	EMBARCADERO STREET	EMBARCADERO STREET		ERNS
OAKLAND	2000522224	FOOT OF 6TH STREET	FOOT OF 6TH STREET		ERNS
OAKLAND	98451701	INTERSECTION NANDELA PKWY AND 7TH STREET	INTERSECTION NANDELA PKWY AND 7TH STR		ERNS
OAKLAND	S105453980	CITY OF OAKLAND 2001 IDS (2136)	24 LOCATIONS (SEE COMMNET BOX)		SWF/LF
OAKLAND	S103393752	MANDELA PARKWAY CORRIDOR	MANDELA PARKWAY BETWEEN 34TH / 8TH ST:	94607	Cal-Sites
OAKLAND	8872986	1150 MARKET ST @ 11TH STREET	1150 MARKET ST @ 11TH STREET		ERNS
OAKLAND	S103669436	JACK GONZALES	6TH / MARKET		HAZNET
OAKLAND	S103576492	GROVE STREET WASH RACK	3884 MARTIN L KING WAY	94609	Cortese, LUST
OAKLAND	S105030563	CHEVRON	5509 MARTIN LUTHER KING	94609	Cortese, LUST
OAKLAND	97411984	1310 OAK STREET	1310 OAK STREET		ERNS
OAKLAND	93325472	OAKLAND INTERMODAL RAMP 1707 WOOD STREET	OAKLAND INTERMODAL RAMP 1707 WOOD STI		ERNS
OAKLAND	99634226	WEST OAKLAND RAILROAD YARD - 515 BAY STREET	WEST OAKLAND RAILROAD YARD - 515 BAY STREET		ERNS
OAKLAND	99634745	WEST OAKLAND RAILROAD YARD - 515 BAY STREET	WEST OAKLAND RAILROAD YARD - 515 BAY STREET		ERNS

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OAKLAND	S103654169	EQUILON ENTERPRISES LLC	3420 SAN PABLO AVE/35TH	94608	HAZNET
OAKLAND	S103993009	UC BERKELEY MARCHANT BLDG	6701 SAN PABLO AVE 2ND FLOOR	94608	HAZNET
OAKLAND	S104579108	UC BERKELEY-MARCHANT	6701 SAN PABLO AVE 1ST FL	94608	HAZNET
OAKLAND	S105483702		2901 SAN PABLO AVE	94608	LUST
OAKLAND	S105247915	SHEPHERD CANYON PARK IDS	NW SIDE ESCHER DR BWT SHEPHERD+BAGS		SWF/LF
OAKLAND	S105194203	SHELL	500 40TH ST	94609	LUST
OAKLAND	S105483120		500 40TH ST	94609	LUST
OAKLAND	S105483072		1075 40TH ST	94608	LUST
OAKLAND	91205247	844 29TH ST. SPILL IS LOCATED ON STREET IN FRONT OF HOME.	844 29TH ST. SPILL IS LOCATED ON STREET IN FRONT OF HOME.		ERNS
OAKLAND	94380455	3050 7TH STREET BERTH 33	3050 7TH STREET BERTH 33		ERNS
OAKLAND	91217671	7TH STREET TERMINAL	7TH STREET TERMINAL		ERNS
OAKLAND	98439119	1851 5TH STREET	1851 5TH STREET		ERNS
OAKLAND	S103576443	CONTAINER FREIGHT	1285 5TH STREET	94607	Cal-Sites, Cortese, LUST
OAKLAND	S102860805	S.P. VACANT LOT ON 3RD STREET	1509/1513 THIRD STREET	94607	Cal-Sites
OAKLAND	S104549015	AMTRAK MAINTENANCE FACILITY	3RD / UNION STREETS	94607	Cal-Sites
OAKLAND	S105194685	OAKLAND NATIONAL ENGRAVES	UNKNOWN 41ST AVE / ADELINE ST		LUST
OAKLAND	90167652	VAN CROFF AND HIGH STREET	VAN CROFF AND HIGH STREET		ERNS
OAKLAND	93332315	1707 WOOD STREET OAKLAND YARD	1707 WOOD STREET OAKLAND YARD		ERNS
OAKLAND	90465561	1780 WOOD STREET	1780 WOOD STREET		ERNS
OAKLAND	90169873	1780 WOOD STREET	1780 WOOD STREET		ERNS
OAKLANDS	S100274836		3455 ETTIE STREET	94608	CHMIRS, HAZNET
OROVILLE	U000075899	OROVILLE TEXACO	2639 ORO DAM	94608	Notify 65, Cortese, LUST



# 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: 04/22/02

Date Made Active at EDR: 06/21/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02

Elapsed ASTM days: 46

Date of Last EDR Contact: 05/06/02

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 3  
Telephone 215-814-5418

EPA Region 4  
Telephone 404-562-8033

EPA Region 6  
Telephone: 214-655-6659

EPA Region 8  
Telephone: 303-312-6774

**Proposed NPL:** Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 02/26/02

Date Made Active at EDR: 06/21/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02

Elapsed ASTM days: 46

Date of Last EDR Contact: 05/06/02

**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: 05/15/02

Date Made Active at EDR: 08/08/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/24/02

Elapsed ASTM days: 45

Date of Last EDR Contact: 06/24/02

**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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/15/02  
Date Made Active at EDR: 08/08/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/24/02  
Elapsed ASTM days: 45  
Date of Last EDR Contact: 06/24/02

## **CORRACTS:** Corrective Action Report

Source: EPA  
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/02/02  
Date Made Active at EDR: 07/15/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02  
Elapsed ASTM days: 70  
Date of Last EDR Contact: 06/10/02

## **RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS  
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 06/10/02  
Date Made Active at EDR: 07/15/02  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 06/20/02  
Elapsed ASTM days: 25  
Date of Last EDR Contact: 06/20/02

## **ERNS:** Emergency Response Notification System

Source: EPA/NTIS  
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: 12/31/01  
Date Made Active at EDR: 07/15/02  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02  
Elapsed ASTM days: 13  
Date of Last EDR Contact: 04/29/02

## **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: 12/31/99  
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/17/02  
Date of Next Scheduled EDR Contact: 09/16/02

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices  
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.

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

### **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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/09/02  
Date of Next Scheduled EDR Contact: 10/07/02

## **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: 04/22/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02  
Date of Next Scheduled EDR Contact: 08/05/02

## **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: 03/21/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/08/02  
Date of Next Scheduled EDR Contact: 10/07/02

## **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: 12/31/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/22/02

## **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: 04/12/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/08/02  
Date of Next Scheduled EDR Contact: 10/07/02

## **MINES: Mines Master Index File**

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Date of Government Version: 06/05/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/01/02  
Date of Next Scheduled EDR Contact: 09/30/02

## **NPL LIENS: Federal Superfund Liens**

Source: EPA  
Telephone: 205-564-4267

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/28/02  
Date of Next Scheduled EDR Contact: 08/26/02

## **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: 03/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/14/02  
Date of Next Scheduled EDR Contact: 08/12/02

## **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: 06/10/02  
Date of Next Scheduled EDR Contact: 09/09/02

## **TRIS: Toxic Chemical Release Inventory System**

Source: EPA  
Telephone: 202-260-1531

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: 12/31/99  
Database Release Frequency: Annually

Date of Last EDR Contact: 06/24/02  
Date of Next Scheduled EDR Contact: 09/23/02

## **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: 12/31/98  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 06/10/02  
Date of Next Scheduled EDR Contact: 09/09/02

## **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: 04/25/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/03/02  
Date of Next Scheduled EDR Contact: 09/23/02

## **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: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/19/02  
Date of Next Scheduled EDR Contact: 10/21/02

## 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: 04/25/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/03/02  
Date of Next Scheduled EDR Contact: 09/23/02

### 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: 07/05/02  
Date Made Active at EDR: 08/12/02  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/08/02  
Elapsed ASTM days: 35  
Date of Last EDR Contact: 07/08/02

**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: 10/01/00  
Date Made Active at EDR: 11/22/00  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00  
Elapsed ASTM days: 23  
Date of Last EDR Contact: 07/08/02

**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: 12/31/94  
Date Made Active at EDR: 04/24/95  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95  
Elapsed ASTM days: 42  
Date of Last EDR Contact: 05/26/02

**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).

Date of Government Version: 04/01/01  
Date Made Active at EDR: 07/26/01  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/29/01  
Elapsed ASTM days: 58  
Date of Last EDR Contact: 04/30/02

**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.

# 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: 04/22/02

**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: 05/06/02

**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: 06/14/02  
Date Made Active at EDR: 07/19/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/17/02  
Elapsed ASTM days: 32  
Date of Last EDR Contact: 06/17/02

**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: 06/10/02

**LUST:** Leaking Underground Storage Tank Information System  
Source: State Water Resources Control Board  
Telephone: 916-341-5740

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: 01/17/02  
Date Made Active at EDR: 02/12/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/21/02  
Elapsed ASTM days: 22  
Date of Last EDR Contact: 07/09/02

**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

## CA UST:

### UST: Active UST Facilities

Source: SWRCB

Telephone: 916-341-5700

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/17/02

Date Made Active at EDR: 02/12/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/21/02

Elapsed ASTM days: 22

Date of Last EDR Contact: 07/09/02

### CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94

Date Made Active at EDR: 09/29/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95

Elapsed ASTM days: 24

Date of Last EDR Contact: 12/28/98

## HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data

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: 916-227-4382

Registered Aboveground Storage Tanks.

Date of Government Version: 05/21/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02

Date of Next Scheduled EDR Contact: 08/05/02

### CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control

Telephone: 916-225-0873

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 launderers; laundry and garment services.

Date of Government Version: 03/18/02

Database Release Frequency: Annually

Date of Last EDR Contact: 07/08/02

Date of Next Scheduled EDR Contact: 10/07/02

### CA WDS: Waste Discharge System

Source: State Water Resources Control Board

Telephone: 916-657-1571

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/17/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/24/02

Date of Next Scheduled EDR Contact: 09/23/02

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 07/05/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/08/02  
Date of Next Scheduled EDR Contact: 10/07/02

## HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency  
Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/16/02  
Date of Next Scheduled EDR Contact: 08/12/02

## 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: 07/12/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/01/02  
Date of Next Scheduled EDR Contact: 07/29/02

#### Underground Tanks

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700

Date of Government Version: 06/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/01/02  
Date of Next Scheduled EDR Contact: 07/29/02

### 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: 06/05/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/03/02  
Date of Next Scheduled EDR Contact: 09/02/02

### 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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/30/02  
Date of Next Scheduled EDR Contact: 08/12/02

## KERN COUNTY:

### Underground Storage Tank Sites & Tanks Listing

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Kern County Sites and Tanks Listing.

Date of Government Version: 06/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/03/02  
Date of Next Scheduled EDR Contact: 09/02/02

## LOS ANGELES COUNTY:

### List of Solid Waste Facilities

Source: La County Department of Public Works  
Telephone: 818-458-5185

Date of Government Version: 11/09/99  
Database Release Frequency: Varies

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

### City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department  
Telephone: 310-607-2239

Date of Government Version: 03/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

### City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department  
Telephone: 562-570-2543

Date of Government Version: 05/30/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/30/02  
Date of Next Scheduled EDR Contact: 08/26/02

### City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department  
Telephone: 310-618-2973

Date of Government Version: 04/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

### City of Los Angeles Landfills

Source: Engineering & Construction Division  
Telephone: 213-473-7869

Date of Government Version: 03/01/02  
Database Release Frequency: Varies

Date of Last EDR Contact: 06/19/02  
Date of Next Scheduled EDR Contact: 09/16/02

### HMS: Street Number List

Source: Department of Public Works  
Telephone: 626-458-3517  
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Site Mitigation List

Source: Community Health Services  
Telephone: 323-890-7806  
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/28/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

## San Gabriel Valley Areas of Concern

Source: EPA Region 9  
Telephone: 415-744-2407  
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/29/99  
Date of Next Scheduled EDR Contact: N/A

## 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: 03/06/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/06/02  
Date of Next Scheduled EDR Contact: 08/05/02

## NAPA COUNTY:

### Sites With Reported Contamination

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269

Date of Government Version: 04/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/01/02  
Date of Next Scheduled EDR Contact: 09/30/02

### Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269

Date of Government Version: 04/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/01/02  
Date of Next Scheduled EDR Contact: 09/30/02

## 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: 11/27/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/10/02  
Date of Next Scheduled EDR Contact: 09/09/02

### List of Underground Storage Tank Facilities

Source: Health Care Agency  
Telephone: 714-834-3446  
Orange County Underground Storage Tank Facilities (UST).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/27/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/10/02  
Date of Next Scheduled EDR Contact: 09/09/02

## List of Industrial Site Cleanups

Source: Health Care Agency  
Telephone: 714-834-3446  
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 06/10/02  
Date of Next Scheduled EDR Contact: 09/09/02

## 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.

Date of Government Version: 01/31/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/24/02  
Date of Next Scheduled EDR Contact: 09/23/02

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Source: Department of Public Health  
Telephone: 909-358-5055  
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 03/27/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/22/02

### Underground Storage Tank Tank List

Source: Health Services Agency  
Telephone: 909-358-5055

Date of Government Version: 03/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/22/02

## SACRAMENTO COUNTY:

### CS - Contaminated Sites

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406

Date of Government Version: 06/11/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02  
Date of Next Scheduled EDR Contact: 08/05/02

### ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 06/11/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02  
Date of Next Scheduled EDR Contact: 08/05/02

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/27/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/10/02  
Date of Next Scheduled EDR Contact: 09/09/02

## SAN DIEGO COUNTY:

### Solid Waste Facilities

Source: Department of Health Services  
Telephone: 619-338-2209  
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00  
Database Release Frequency: Varies

Date of Last EDR Contact: 05/29/02  
Date of Next Scheduled EDR Contact: 08/26/02

### 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: 03/31/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/08/02  
Date of Next Scheduled EDR Contact: 10/07/02

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920

Date of Government Version: 06/12/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/10/02  
Date of Next Scheduled EDR Contact: 09/09/02

### Underground Storage Tank Information

Source: Department of Public Health  
Telephone: 415-252-3920

Date of Government Version: 06/12/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/10/02  
Date of Next Scheduled EDR Contact: 09/09/02

## SAN MATEO COUNTY:

### Fuel Leak List

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/04/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/29/02  
Date of Next Scheduled EDR Contact: 07/29/02

## 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: 05/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/15/02  
Date of Next Scheduled EDR Contact: 10/14/02

## SANTA CLARA COUNTY:

### Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600

Date of Government Version: 01/03/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/01/02  
Date of Next Scheduled EDR Contact: 09/30/02

### Hazardous Material Facilities

Source: City of San Jose Fire Department  
Telephone: 408-277-4659

Date of Government Version: 01/03/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 06/10/02  
Date of Next Scheduled EDR Contact: 09/09/02

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management  
Telephone: 707-421-6770

Date of Government Version: 06/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/18/02  
Date of Next Scheduled EDR Contact: 09/16/02

### Underground Storage Tanks

Source: Solano County Department of Environmental Management  
Telephone: 707-421-6770

Date of Government Version: 06/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/18/02  
Date of Next Scheduled EDR Contact: 09/16/02

## SONOMA COUNTY:

### Leaking Underground Storage Tank Sites

Source: Department of Health Services  
Telephone: 707-565-6565

Date of Government Version: 11/29/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/29/02  
Date of Next Scheduled EDR Contact: 07/29/02

## SUTTER COUNTY:

### Underground Storage Tanks

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/08/02  
Date of Next Scheduled EDR Contact: 10/07/02

## VENTURA COUNTY:

### Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division  
Telephone: 805-654-2813  
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 04/02/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/29/02  
Date of Next Scheduled EDR Contact: 08/26/02

### Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division  
Telephone: 805-654-2813  
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/08/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/18/02  
Date of Next Scheduled EDR Contact: 09/16/02

### 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: 05/24/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/15/02  
Date of Next Scheduled EDR Contact: 10/14/02

### 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: 02/19/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/18/02  
Date of Next Scheduled EDR Contact: 09/16/02

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health  
Telephone: 530-666-8646

Date of Government Version: 05/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/22/02

## 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: 05/28/02  
Date of Next Scheduled EDR Contact: 08/26/02

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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: 07/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/15/02  
Date of Next Scheduled EDR Contact: 10/14/02

**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: 05/22/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

**LUST REG 4: Underground Storage Tank Leak List**

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-266-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/01/02  
Date of Next Scheduled EDR Contact: 09/30/02

**LUST REG 5: Leaking Underground Storage Tank Database**

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-255-3125

Date of Government Version: 07/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/12/02  
Date of Next Scheduled EDR Contact: 10/07/02

**LUST REG 6L: Leaking Underground Storage Tank Case Listing**

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 916-542-5424

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 01/02/02  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/08/02  
Date of Next Scheduled EDR Contact: 10/07/02

**LUST REG 6V: Leaking Underground Storage Tank Case Listing**

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-346-7491

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/08/02  
Date of Next Scheduled EDR Contact: 10/07/02

**LUST REG 7: Leaking Underground Storage Tank Case Listing**

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-346-7491

Date of Government Version: 07/02/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/01/02  
Date of Next Scheduled EDR Contact: 09/30/02

**LUST REG 8: Leaking Underground Storage Tanks**

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4498

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 07/23/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/13/02  
Date of Next Scheduled EDR Contact: 08/12/02

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/22/02

Date of Next Scheduled EDR Contact: 07/22/02

## California Regional Water Quality Control Board (RWQCB) SLIC Records

### SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220

Date of Government Version: 02/01/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/31/02

Date of Next Scheduled EDR Contact: 08/26/02

### 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: 12/01/01

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/15/02

Date of Next Scheduled EDR Contact: 10/14/02

### 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: 05/22/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/20/02

Date of Next Scheduled EDR Contact: 08/19/02

### 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: 09/13/01

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/01/02

Date of Next Scheduled EDR Contact: 07/29/02

### SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 07/01/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/08/02

Date of Next Scheduled EDR Contact: 10/07/02

### 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: 07/19/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/08/02

Date of Next Scheduled EDR Contact: 10/07/02

### SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-3298



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/08/02  
Date of Next Scheduled EDR Contact: 10/07/02

**SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**  
Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980

Date of Government Version: 03/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 06/03/02  
Date of Next Scheduled EDR Contact: 09/02/02

### EDR PROPRIETARY HISTORICAL DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

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### 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/Electrical Transmission Lines:** 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 and electrical transmission lines.

**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.

**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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## GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

1007 41ST STREET  
1007 41ST STREET  
OAKLAND, CA 94608

### TARGET PROPERTY COORDINATES

Latitude (North):	37.832001 - 37° 49' 55.2"
Longitude (West):	122.277298 - 122° 16' 38.3"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	563597.6
UTM Y (Meters):	4187216.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This 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.

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2437122-G3 OAKLAND WEST, CA  
Source: USGS 7.5 min quad index

## GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General SW

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

## 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: 0600050000A / CBNP

Additional Panels in search area: 0600040002A / CBPP  
0650480015B / CBPP

## 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Site-Specific Hydrogeological Data\*:**

Search Radius: 2.0 miles  
 Status: Not found

**AQUIFLOW®**

Search Radius: 2.000 Miles.

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>
A1	1/8 - 1/4 Mile WNW	Varies
A2	1/8 - 1/4 Mile WNW	W
A3	1/8 - 1/4 Mile WNW	SW
A4	1/8 - 1/4 Mile WNW	SW
5	1/4 - 1/2 Mile SSW	WSW
B6	1/4 - 1/2 Mile West	W
B7	1/4 - 1/2 Mile West	W
C8	1/4 - 1/2 Mile NW	SW
D10	1/4 - 1/2 Mile SE	NW
D11	1/4 - 1/2 Mile SE	NW
B12	1/4 - 1/2 Mile WSW	W
B13	1/4 - 1/2 Mile WSW	WSW
14	1/4 - 1/2 Mile WSW	Varies
C15	1/2 - 1 Mile NW	S, W
16	1/2 - 1 Mile WNW	NNE
17	1/2 - 1 Mile South	S
E18	1/2 - 1 Mile West	Varies
E19	1/2 - 1 Mile West	NW
E20	1/2 - 1 Mile West	Varies
F21	1/2 - 1 Mile NE	N
E22	1/2 - 1 Mile WSW	W
E23	1/2 - 1 Mile WSW	W
F24	1/2 - 1 Mile NE	NE
G25	1/2 - 1 Mile NW	S
G26	1/2 - 1 Mile NW	SW
G27	1/2 - 1 Mile NW	SW
G28	1/2 - 1 Mile NW	Varies
G29	1/2 - 1 Mile NW	SW,W,Varies
30	1/2 - 1 Mile NNW	SW
H31	1/2 - 1 Mile WNW	W
E32	1/2 - 1 Mile West	W
E33	1/2 - 1 Mile West	W
H34	1/2 - 1 Mile West	W
35	1/2 - 1 Mile WSW	Varies
36	1/2 - 1 Mile SE	N
37	1/2 - 1 Mile NE	E
38	1/2 - 1 Mile SSW	SW
39	1/2 - 1 Mile South	Varies
40	1/2 - 1 Mile ESE	NE
41	1/2 - 1 Mile WSW	E
142	1/2 - 1 Mile SW	S

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
J43	1 - 2 Miles SSE	SW
44	1 - 2 Miles NW	NW
K45	1 - 2 Miles SSW	NE
I46	1 - 2 Miles SW	SE
L47	1 - 2 Miles SW	SW
48	1 - 2 Miles NNW	SW, W
M49	1 - 2 Miles WNW	W
M50	1 - 2 Miles WNW	W
N51	1 - 2 Miles ESE	NW
N52	1 - 2 Miles ESE	W
J53	1 - 2 Miles SSE	SE
N54	1 - 2 Miles ESE	NW
L55	1 - 2 Miles SW	E, W
O56	1 - 2 Miles SSW	W
K57	1 - 2 Miles SW	SE
P58	1 - 2 Miles South	SW
P59	1 - 2 Miles South	SW
P60	1 - 2 Miles South	SW
M61	1 - 2 Miles NW	NW
Q62	1 - 2 Miles NW	Varies
Q63	1 - 2 Miles NW	Varies
64	1 - 2 Miles North	Not Reported
65	1 - 2 Miles SSE	Not Reported
N66	1 - 2 Miles ESE	SW
Q67	1 - 2 Miles NW	W
R68	1 - 2 Miles SE	Varies
S69	1 - 2 Miles NW	Varies
O70	1 - 2 Miles SSW	S
O71	1 - 2 Miles SSW	S
O72	1 - 2 Miles SSW	S
S73	1 - 2 Miles NNW	Varies
P74	1 - 2 Miles South	NE
R75	1 - 2 Miles SSE	S
76	1 - 2 Miles South	Varies
Q77	1 - 2 Miles NW	NE
T78	1 - 2 Miles SSW	W
T79	1 - 2 Miles SSW	W
T80	1 - 2 Miles SSW	W
U81	1 - 2 Miles NNW	W
82	1 - 2 Miles NE	SW, W
T83	1 - 2 Miles SSW	NW
T84	1 - 2 Miles SSW	NW
T85	1 - 2 Miles SSW	NW
U86	1 - 2 Miles NNW	Varies
U87	1 - 2 Miles NNW	SW
U88	1 - 2 Miles NNW	SW
V89	1 - 2 Miles SSE	W
S90	1 - 2 Miles NNW	WSW
91	1 - 2 Miles ESE	NNW
92	1 - 2 Miles NW	SW
T93	1 - 2 Miles SSW	N
T94	1 - 2 Miles SSW	SSW
V95	1 - 2 Miles SSE	SW
96	1 - 2 Miles ENE	SW
W97	1 - 2 Miles NW	SW
W98	1 - 2 Miles NW	Varies

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
W99	1 - 2 Miles NW	Varies
X100	1 - 2 Miles SSE	SW
Y101	1 - 2 Miles East	NE
X102	1 - 2 Miles SSE	E, W
X103	1 - 2 Miles SSE	SE
X104	1 - 2 Miles SSE	SW
X105	1 - 2 Miles SSE	NE
106	1 - 2 Miles NE	SE, S, SW
Z107	1 - 2 Miles WSW	S
Y108	1 - 2 Miles East	NW
AA109	1 - 2 Miles WSW	SE,S,Varies
AA110	1 - 2 Miles WSW	S
111	1 - 2 Miles SE	Varies
X112	1 - 2 Miles SSE	Varies
AB113	1 - 2 Miles SSW	Not Reported
AB114	1 - 2 Miles SSW	Not Reported
AB115	1 - 2 Miles SSW	N, S
AB116	1 - 2 Miles SSW	NE
117	1 - 2 Miles SW	Not Reported
AC118	1 - 2 Miles NE	N, NE
119	1 - 2 Miles SSW	SW
Z120	1 - 2 Miles WSW	SE
AC121	1 - 2 Miles ENE	W
AD122	1 - 2 Miles SSE	N,W,Varies
AD123	1 - 2 Miles SSE	N
AE124	1 - 2 Miles WSW	SSW
AE125	1 - 2 Miles WSW	SW
AE126	1 - 2 Miles WSW	SW
AF127	1 - 2 Miles SSE	E
AF128	1 - 2 Miles SSE	NNE,SE,S,SW
129	1 - 2 Miles SSW	NE, SE, S
AG130	1 - 2 Miles South	E
AH131	1 - 2 Miles NNW	Not Reported
AI132	1 - 2 Miles SSE	NE
AI133	1 - 2 Miles SSE	NE
AI134	1 - 2 Miles SSE	NE, E, SE
AI135	1 - 2 Miles SSE	SW
AI136	1 - 2 Miles SSE	SW
AH137	1 - 2 Miles NNW	NE, SE
AH138	1 - 2 Miles NNW	Not Reported
139	1 - 2 Miles ENE	S
AI140	1 - 2 Miles SSE	N, S
AG141	1 - 2 Miles South	S
AI142	1 - 2 Miles SSE	NE
AI143	1 - 2 Miles SSE	E
144	1 - 2 Miles NNE	Not Reported
145	1 - 2 Miles SE	SW
AJ146	1 - 2 Miles WSW	NW
AJ147	1 - 2 Miles WSW	NW
148	1 - 2 Miles SW	N, E, S, W

For additional site information, refer to Physical Setting Source Map Findings.

### 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 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	13 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.10
2	13 inches	60 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.40

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay loam  
clay loam  
loam  
silt loam

Surficial Soil Types: silty clay loam  
clay loam  
loam  
silt loam

Shallow Soil Types: clay  
gravelly - sandy clay loam  
clay loam  
stratified

Deeper Soil Types: clay loam  
stratified  
silty clay loam  
sandy clay loam  
loam  
silty clay  
weathered bedrock

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
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# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B9	CA1009246	1/4 - 1/2 Mile West

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 0838073.4r



- ↖ Major Roads
- ⌒ Contour Lines
- ⚡ Earthquake Fault Lines
- ⊕ Water Wells
- ⊕ Public Water Supply Wells
- ↑ Groundwater Flow Direction
- Ⓜ Indeterminate Groundwater Flow at Location
- Ⓜ Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- ⊙ Earthquake epicenter, Richter 5 or greater
- Ⓜ Closest Hydrogeological Data
- Oil, gas or related wells



<b>TARGET PROPERTY:</b>	1007 41st Street	<b>CUSTOMER:</b>	Clayton Group Services
<b>ADDRESS:</b>	1007 41st Street	<b>CONTACT:</b>	Jesse Edmands
<b>CITY/STATE/ZIP:</b>	Oakland CA 94608	<b>INQUIRY #:</b>	0838073.4r
<b>LAT/LONG:</b>	37.8320 / 122.2773	<b>DATE:</b>	August 27, 2002 8:17 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
<b>A1</b>	WNW	1/8 - 1/4 Mile	Higher	AQUIFLOW	51585
	Site ID:	01-0394			
	Groundwater Flow:	Varies			
	Shallow Water Depth:	3.21			
	Deep Water Depth:	10.66			
	Average Water Depth:	Not Reported			
	Date:	01/03/1996			
<b>A2</b>	WNW	1/8 - 1/4 Mile	Higher	AQUIFLOW	51586
	Site ID:	01-0394			
	Groundwater Flow:	W			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	Not Reported			
	Date:	12/04/1989			
<b>A3</b>	WNW	1/8 - 1/4 Mile	Higher	AQUIFLOW	51587
	Site ID:	01-2274			
	Groundwater Flow:	SW			
	Shallow Water Depth:	4.57			
	Deep Water Depth:	10.27			
	Average Water Depth:	Not Reported			
	Date:	03/16/1998			
<b>A4</b>	WNW	1/8 - 1/4 Mile	Higher	AQUIFLOW	51588
	Site ID:	01-2274			
	Groundwater Flow:	SW			
	Shallow Water Depth:	4.57			
	Deep Water Depth:	6.74			
	Average Water Depth:	Not Reported			
	Date:	12/16/1997			
<b>5</b>	SSW	1/4 - 1/2 Mile	Lower	AQUIFLOW	67880
	Site ID:	01-2120			
	Groundwater Flow:	WSW			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	5.25			
	Date:	08/31/1995			
<b>B6</b>	West	1/4 - 1/2 Mile	Lower	AQUIFLOW	51574
	Site ID:	01-2142			
	Groundwater Flow:	W			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	8 ft.			
	Date:	12/21/1996			
<b>B7</b>	West	1/4 - 1/2 Mile	Lower	AQUIFLOW	51575
	Site ID:	01-2142			
	Groundwater Flow:	W			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	28ft.			
	Date:	03/04/1996			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

<b>C8                  NW                  1/4 - 1/2 Mile                  Higher</b>	Site ID: 01-1987 Groundwater Flow: SW Shallow Water Depth: 8.5 Deep Water Depth: 10.5 Average Water Depth: Not Reported Date: 11/17/1993	Database: <b>AQUIFLOW</b> EDR ID Number: <b>67882</b>
---	---	--

<b>B9                  West                  1/4 - 1/2 Mile                  Lower</b>	PWS ID: CA1009246      PWS Status: Active Date Initiated: June / 77      Date Deactivated: Not Reported PWS Name: BERKELEY LAND COMPANY BERKELEY LAND COMPANY 13310 EAGLEFIELD RD FIREBAUGH, CA 93622	Database: <b>FRDS PWS</b> EDR ID Number: <b>CA1009246</b>
--	--	--

Addressee / Facility: System Owner/Responsible Party  
 BERKELEY LAND COMPANY  
 1211 NEWALL AVENUE 1  
 WALNUT CREEK, CA 94596

Facility Latitude: 37 49 53	Facility Longitude: 122 17 03
City Served: Not Reported	Population: 60
Treatment Class: Untreated	

PWS currently has or had major violation(s) or enforcement: Yes

Violations information not reported.

**ENFORCEMENT INFORMATION:**

System Name: BERKELEY LAND COMPANY	
Violation Type: Initial Tap Sampling for Pb and Cu	
Contaminant: LEAD & COPPER RULE	
Compliance Period: 1993-07-01 - 2015-12-31	Analytical Value: 0000000.000000000
Violation ID: 95V0001	Enforcement ID: Not Reported
Enforcement Date: Not Reported	Enf. Action: Not Reported

System Name: BERKELEY LAND COMPANY	
Violation Type: Initial Tap Sampling for Pb and Cu	
Contaminant: LEAD & COPPER RULE	
Compliance Period: 1993-07-01 - 2015-12-31	Analytical Value: 0000000.000000000
Violation ID: 95V0001	Enforcement ID: Not Reported
Enforcement Date: Not Reported	Enf. Action: Not Reported

System Name: BERKELEY LAND COMPANY	
Violation Type: Initial Tap Sampling for Pb and Cu	
Contaminant: LEAD & COPPER RULE	
Compliance Period: 1993-07-01 - 2015-12-31	Analytical Value: 0000000.000000000
Violation ID: 95V0001	Enforcement ID: Not Reported
Enforcement Date: Not Reported	Enf. Action: Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**ENFORCEMENT INFORMATION:**

System Name:	BERKELEY LAND COMPANY				
Violation Type:	Initial Tap Sampling for Pb and Cu				
Contaminant:	LEAD & COPPER RULE				
Compliance Period:	1993-07-01 - 2015-12-31		Analytical Value:	0000000 000000000	
Violation ID:	95V0001		Enforcement ID:	Not Reported	
Enforcement Date:	Not Reported		Enf. Action:	Not Reported	
System Name:	BERKELEY LAND COMPANY				
Violation Type:	Initial Tap Sampling for Pb and Cu				
Contaminant:	LEAD & COPPER RULE				
Compliance Period:	1993-07-01 - 2015-12-31		Analytical Value:	0000000.000000000	
Violation ID:	95V0001		Enforcement ID:	Not Reported	
Enforcement Date:	Not Reported		Enf. Action:	Not Reported	

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<b>D10</b>	Site ID:	01-0118		
<b>SE</b>	Groundwater Flow:	NW	<b>AQUIFLOW</b>	<b>51860</b>
<b>1/4 - 1/2 Mile</b>	Shallow Water Depth:	Not Reported		
<b>Higher</b>	Deep Water Depth:	Not Reported		
	Average Water Depth:	8-11		
	Date:	09/16/1991		

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<b>D11</b>	Site ID:	01-0118		
<b>SE</b>	Groundwater Flow:	NW	<b>AQUIFLOW</b>	<b>51861</b>
<b>1/4 - 1/2 Mile</b>	Shallow Water Depth:	Not Reported		
<b>Higher</b>	Deep Water Depth:	Not Reported		
	Average Water Depth:	18 bg		
	Date:	07/22/1994		

---

<b>B12</b>	Site ID:	01-1223		
<b>WSW</b>	Groundwater Flow:	W	<b>AQUIFLOW</b>	<b>52361</b>
<b>1/4 - 1/2 Mile</b>	Shallow Water Depth:	10		
<b>Lower</b>	Deep Water Depth:	20		
	Average Water Depth:	Not Reported		
	Date:	10/30/1989		

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<b>B13</b>	Site ID:	01-1223		
<b>WSW</b>	Groundwater Flow:	WSW	<b>AQUIFLOW</b>	<b>52360</b>
<b>1/4 - 1/2 Mile</b>	Shallow Water Depth:	6.13		
<b>Lower</b>	Deep Water Depth:	18.91		
	Average Water Depth:	Not Reported		
	Date:	07/31/1996		

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<b>14</b>	Site ID:	01-0155		
<b>WSW</b>	Groundwater Flow:	Varies	<b>AQUIFLOW</b>	<b>52363</b>
<b>1/4 - 1/2 Mile</b>	Shallow Water Depth:	Not Reported		
<b>Lower</b>	Deep Water Depth:	Not Reported		
	Average Water Depth:	4.5		
	Date:	12/01/1991		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>C15</b> NW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1138 S, W 16.00 18.00 Not Reported 01/28/1991	AQUIFLOW	66300
<b>16</b> WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0355 NNE 13.05 18.39 Not Reported 03/11/1998	AQUIFLOW	52356
<b>17</b> South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0924 S Not Reported Not Reported 5 ft. 05/10/1988	AQUIFLOW	66595
<b>E18</b> West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1532 Varies Not Reported Not Reported 20 bg 03/10/1995	AQUIFLOW	51584
<b>E19</b> West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1532 NW 3.83 4.88 Not Reported 12/11/1996	AQUIFLOW	51582
<b>E20</b> West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1532 Varies Not Reported Not Reported 7.20 10/26/1990	AQUIFLOW	51583
<b>F21</b> NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1005 N Not Reported Not Reported Not Reported 07/28/1997	AQUIFLOW	66295

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
E22 WSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1033 W 2.34 4.90 Not Reported 02/23/1996		AQUIFLOW	51562
E23 WSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1033 W Not Reported Not Reported 5 ft 11/19/1993		AQUIFLOW	51563
F24 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0220 NE Not Reported Not Reported Not Reported 12/03/1987		AQUIFLOW	52371
G25 NW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1754 S 6.25 12.0 Not Reported 11/10/1993		AQUIFLOW	52369
G26 NW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2284 SW 8.0 8.5 Not Reported 07/21/1997		AQUIFLOW	52367
G27 NW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2284 SW 6.1 6.2 Not Reported 01/14/1997		AQUIFLOW	52366
G28 NW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1306 Varies Not Reported Not Reported 10.3 11/09/1993		AQUIFLOW	53004

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>G29</b> <b>NW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1306 SW,W,Varies 7.1 11.5 Not Reported 10/11/1994	<b>AQUIFLOW</b>	<b>49994</b>
<b>30</b> <b>NNW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0391 SW Not Reported Not Reported 5.8 11/15/1993	<b>AQUIFLOW</b>	<b>66324</b>
<b>H31</b> <b>WNW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1240 W 2.59 9.70 Not Reported 08/18/1997	<b>AQUIFLOW</b>	<b>52359</b>
<b>E32</b> <b>West</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2124 W 3.75 4.25 Not Reported 11/28/1995	<b>AQUIFLOW</b>	<b>51578</b>
<b>E33</b> <b>West</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2127 W Not Reported Not Reported 6 ft. 05/09/1994	<b>AQUIFLOW</b>	<b>51579</b>
<b>H34</b> <b>West</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1240 W 9.33 22.0 Not Reported 06/15/1989	<b>AQUIFLOW</b>	<b>52358</b>
<b>35</b> <b>WSW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2319 Varies Not Reported Not Reported 119 11/17/1993	<b>AQUIFLOW</b>	<b>63684</b>



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
36 SE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0264 N Not Reported Not Reported 8 04/25/1996	AQUIFLOW	63712
37 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0111 E Not Reported Not Reported 20 09/07/1994	AQUIFLOW	67912
38 SSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0053 SW Not Reported Not Reported 10.5 03/18/1998	AQUIFLOW	55970
39 South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2181 Varies 1.2 7.8 Not Reported 05/28/1996	AQUIFLOW	63628
40 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1597 NE Not Reported Not Reported 15 08/05/1995	AQUIFLOW	63784
41 WSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3995 E Not Reported Not Reported 43 02/15/1993	AQUIFLOW	55922
142 SW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0847 S Not Reported Not Reported Not Reported 08/17/1992	AQUIFLOW	63624

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>J43</b> <b>SSE</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0886 SW 8.67 14.02 Not Reported 04/07/1997	<b>AQUIFLOW</b>	<b>63803</b>
<b>44</b> <b>NW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0773 NW Not Reported Not Reported 10-11 03/08/1989	<b>AQUIFLOW</b>	<b>51565</b>
<b>K45</b> <b>SSW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2288 NE Not Reported Not Reported Not Reported 10/29/1997	<b>AQUIFLOW</b>	<b>64082</b>
<b>I46</b> <b>SW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2294 SE Not Reported Not Reported 55 12/03/1997	<b>AQUIFLOW</b>	<b>64099</b>
<b>L47</b> <b>SW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-4835 SW Not Reported Not Reported 5.0 07/10/1995	<b>AQUIFLOW</b>	<b>63936</b>
<b>48</b> <b>NNW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1142 SW, W 6.0 7.0 Not Reported 01/13/1989	<b>AQUIFLOW</b>	<b>65480</b>
<b>M49</b> <b>WNW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1651 W 2.49 4.05 Not Reported 09/10/1992	<b>AQUIFLOW</b>	<b>51560</b>

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>M50</b> WNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1651 W Not Reported Not Reported 5.14 10/18/1989	AQUIFLOW	51561
<b>N51</b> ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0638 NW Not Reported Not Reported 21 11/17/1988	AQUIFLOW	63720
<b>N52</b> ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2279 W Not Reported Not Reported 20 09/29/1997	AQUIFLOW	63727
<b>J53</b> SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1349 SE 9.00 10.39 Not Reported 10/11/1988	AQUIFLOW	63626
<b>N54</b> ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1596 NW Not Reported Not Reported 15 09/06/1995	AQUIFLOW	63753
<b>L55</b> SW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3995 E, W Not Reported Not Reported 55 11/1995	AQUIFLOW	55923
<b>O56</b> SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0833 W Not Reported Not Reported 3 03/23/1994	AQUIFLOW	63895

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>K57</b> SW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2218 SE 8.15 9.04 Not Reported 07/14/1995	AQUIFLOW	63941
<b>P58</b> South 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2295 SW Not Reported Not Reported 100 07/09/1997	AQUIFLOW	51336
<b>P59</b> South 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2295 SW Not Reported Not Reported 20 03/12/1997	AQUIFLOW	51337
<b>P60</b> South 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2295 SW Not Reported Not Reported 8-15 08/19/1996	AQUIFLOW	51338
<b>M61</b> NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3805 NW Not Reported Not Reported 5 02/12/1991	AQUIFLOW	50000
<b>Q62</b> NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0926 Varies Not Reported Not Reported 15.5 01/22/1996	AQUIFLOW	51573
<b>Q63</b> NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0926 Varies Not Reported Not Reported 14.61 10/09/1991	AQUIFLOW	51571

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>64</b> North 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0360 Not Reported 6.93 8.45 Not Reported 06/30/1992	AQUIFLOW	38212
<b>65</b> SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1313 Not Reported Not Reported Not Reported 25-30 02/22/1999	AQUIFLOW	64106
<b>N66</b> ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1345 SW 13.82 14.30 Not Reported 01/19/1995	AQUIFLOW	63931
<b>Q67</b> NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0926 W 2.27 3.78 Not Reported 10/26/1995	AQUIFLOW	51572
<b>R68</b> SE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0575 Varies 10.40 14.49 Not Reported 08/20/1992	AQUIFLOW	64091
<b>S69</b> NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0753 Varies Not Reported Not Reported 12 ft 07/14/1988	AQUIFLOW	51577
<b>O70</b> SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S Not Reported Not Reported 15 04/27/1993	AQUIFLOW	55954

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>O71</b> <b>SSW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S 12 15 Not Reported 06/24/1996	<b>AQUIFLOW</b>	<b>55953</b>
<b>O72</b> <b>SSW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S Not Reported Not Reported 12-15 04/27/1993	<b>AQUIFLOW</b>	<b>55955</b>
<b>S73</b> <b>NNW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1091 Varies Not Reported Not Reported 10.5 03/31/1988	<b>AQUIFLOW</b>	<b>51581</b>
<b>P74</b> <b>South</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0674 NE 12.6 22.0 Not Reported 05/26/1988	<b>AQUIFLOW</b>	<b>51546</b>
<b>R75</b> <b>SSE</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0241 S Not Reported Not Reported 7.9 11/28/1988	<b>AQUIFLOW</b>	<b>63622</b>
<b>76</b> <b>South</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3919 Varies Not Reported Not Reported 14 ft 08/29/1997	<b>AQUIFLOW</b>	<b>51332</b>
<b>Q77</b> <b>NW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1785 NE 4.18 4.94 Not Reported 09/14/1992	<b>AQUIFLOW</b>	<b>52365</b>

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
T78 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2048 W Not Reported Not Reported 74 09/24/1992	AQUIFLOW	55822
T79 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2048 W Not Reported Not Reported 73 11/21/1988	AQUIFLOW	55821
T80 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2048 W Not Reported Not Reported Not Reported 08/03/1993	AQUIFLOW	55823
U81 NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2191 W Not Reported Not Reported 5 bgs 10/21/1996	AQUIFLOW	51590
82 NE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1479 SW, W Not Reported Not Reported 20 08/31/1998	AQUIFLOW	65465
T83 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0438 NW Not Reported Not Reported 4 05/06/1998	AQUIFLOW	55982
T84 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0438 NW Not Reported Not Reported 7.6 09/12/1997	AQUIFLOW	55981

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
T85 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0438 NW Not Reported Not Reported 5 07/01/1998	AQUIFLOW	55983
U86 NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0726 Varies Not Reported Not Reported 11.02 05/31/1995	AQUIFLOW	51566
U87 NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0726 SW Not Reported Not Reported 11.02 05/31/1994	AQUIFLOW	51567
U88 NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0726 SW Not Reported Not Reported 8 ft. 08/30/1993	AQUIFLOW	51568
V89 SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1706 W Not Reported Not Reported 40.0 01/11/1996	AQUIFLOW	66329
S90 NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2191 WSW Not Reported Not Reported 10' 02/06/1997	AQUIFLOW	51589
91 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1690 NNW Not Reported Not Reported 18 10/11/1994	AQUIFLOW	63786



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>92</b> NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0558 SW 4.19 12.04 Not Reported 06/30/1995	AQUIFLOW	53573
<b>T93</b> SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-5284 N 3.0 4.0 Not Reported 02/18/1992	AQUIFLOW	55940
<b>T94</b> SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-5284 SSW Not Reported Not Reported 12 02/18/1992	AQUIFLOW	55941
<b>V95</b> SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1466 SW 20.8 22.7 Not Reported 11/04/1997	AQUIFLOW	63631
<b>96</b> ENE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1606 SW 2.5 3.5 Not Reported 01/07/1987	AQUIFLOW	67905
<b>W97</b> NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1415 SW 9.24 13.55 Not Reported 10/07/1992	AQUIFLOW	51570
<b>W98</b> NW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0971 Varies 5.15 13.13 Not Reported 12/15/1995	AQUIFLOW	52486

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>W99</b> <b>NW</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0971 Varies 21.5 22.0 Not Reported 01/30/1990	<b>AQUIFLOW</b>	<b>52485</b>
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<b>X100</b> <b>SSE</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1469 SW Not Reported Not Reported 16-18 12/01/1988	<b>AQUIFLOW</b>	<b>67866</b>
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<b>Y101</b> <b>East</b> <b>1 - 2 Miles</b> <b>Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0872 NE 11 21 Not Reported 10/06/1986	<b>AQUIFLOW</b>	<b>67897</b>
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<b>X102</b> <b>SSE</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0875 E, W Not Reported Not Reported Not Reported 10/07/1992	<b>AQUIFLOW</b>	<b>55891</b>
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<b>X103</b> <b>SSE</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0875 SE Not Reported Not Reported Not Reported 11/09/1988	<b>AQUIFLOW</b>	<b>55889</b>
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<b>X104</b> <b>SSE</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0875 SW Not Reported Not Reported 13 02/15/1989	<b>AQUIFLOW</b>	<b>55890</b>
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<b>X105</b> <b>SSE</b> <b>1 - 2 Miles</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3663 NE Not Reported Not Reported 12 01/29/1988	<b>AQUIFLOW</b>	<b>63934</b>
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
106 NE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0114 SE, S, SW Not Reported Not Reported 15 10/30/1995	AQUIFLOW	65482
Z107 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2104 S Not Reported Not Reported 7.5 08/05/1992	AQUIFLOW	55911
Y108 East 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2150 NW Not Reported Not Reported 5 08/21/1992	AQUIFLOW	67891
AA109 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0718 SE,S,Varies 8 12 Not Reported 09/1992	AQUIFLOW	55835
AA110 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0718 S 16 18 Not Reported 09/28/1992	AQUIFLOW	55834
111 SE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1618 Varies Not Reported Not Reported 80 ft 11/26/1997	AQUIFLOW	66613
X112 SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1846 Varies Not Reported Not Reported 20 08/11/1993	AQUIFLOW	63897

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>AB113</b> SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3911 Not Reported Not Reported Not Reported 10 03/24/1992	AQUIFLOW	55972
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<b>AB114</b> SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3911 Not Reported Not Reported Not Reported 10 11/08/1988	AQUIFLOW	55973
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<b>AB115</b> SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0282 N, S Not Reported Not Reported 5 06/05/1989	AQUIFLOW	55976
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<b>AB116</b> SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0282 NE Not Reported Not Reported Not Reported 03/27/1989	AQUIFLOW	55977
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<b>117</b> SW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0152 Not Reported Not Reported Not Reported 15 04/22/1993	AQUIFLOW	55883
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<b>AC118</b> NE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0512 N, NE Not Reported Not Reported 20 01/28/1998	AQUIFLOW	65468
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<b>119</b> SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0933 SW 6.5 7.5 Not Reported 04/08/1986	AQUIFLOW	55988
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
Z120 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2104 SE Not Reported Not Reported 6.5 03/23/1994	AQUIFLOW	55910
AC121 ENE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0627 W 18.73 19.37 Not Reported 08/30/1990	AQUIFLOW	66333
AD122 SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0341 N,W,Varies Not Reported Not Reported 20 09/14/1989	AQUIFLOW	55836
AD123 SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0341 N Not Reported Not Reported Not Reported 08/17/1988	AQUIFLOW	55837
AE124 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SSW Not Reported Not Reported 15 08/04/1994	AQUIFLOW	55993
AE125 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SW 5.5 6.0 Not Reported 07/24/1998	AQUIFLOW	55991
AE126 WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SW 4.5 5.0 Not Reported 07/03/1998	AQUIFLOW	55992

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
AF127 SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-4011 E 4 8 Not Reported 03/18/1993	AQUIFLOW	63635
AF128 SSE 1 - 2 Miles Lower	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
129 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0506 NE, SE, S Not Reported Not Reported Not Reported 11/17/1994	AQUIFLOW	55880
AG130 South 1 - 2 Miles Lower	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
AH131 NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0195 Not Reported Not Reported Not Reported 9-6 09/06/1988	AQUIFLOW	38199
AI132 SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0151 NE Not Reported Not Reported 2 08/23/1995	AQUIFLOW	55931
AI133 SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0151 NE Not Reported Not Reported 15 06/28/1995	AQUIFLOW	55930

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>AI134</b> SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0151 NE, E, SE 0.041 0.007 Not Reported 06/29/1998	AQUIFLOW	55932
<b>AI135</b> SSE 1 - 2 Miles Lower	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
<b>AI136</b> SSE 1 - 2 Miles Lower	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
<b>AH137</b> NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0436 NE, SE Not Reported Not Reported 20 07/31/1996	AQUIFLOW	65488
<b>AH138</b> NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1051 Not Reported Not Reported Not Reported 10 09/1993	AQUIFLOW	38237
<b>139</b> ENE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1375 S Not Reported Not Reported 5 07/10/1992	AQUIFLOW	66326
<b>AI140</b> SSE 1 - 2 Miles Lower	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

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>AG141</b> South 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0233 S Not Reported Not Reported 10 09/02/1987	AQUIFLOW	55975
<b>AI142</b> SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0331 NE 3.0 13.0 Not Reported 01/27/1988	AQUIFLOW	52390
<b>AI143</b> SSE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0331 E 16.00 20.17 Not Reported 06/10/1999	AQUIFLOW	52389
<b>144</b> NNE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	07-0057 Not Reported Not Reported Not Reported 16.5 07/1990	AQUIFLOW	38527
<b>145</b> SE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1360 SW Not Reported Not Reported 5 11/17/1994	AQUIFLOW	63687
<b>AJ146</b> WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 NW Not Reported Not Reported 9 11/24/1992	AQUIFLOW	55947
<b>AJ147</b> WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 NW Not Reported Not Reported 10 11/1992	AQUIFLOW	55946



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

148  
SW  
1 - 2 Miles  
Lower

Site ID:                    01-0487  
Groundwater Flow:        N, E, S, W  
Shallow Water Depth:     Not Reported  
Deep Water Depth:        Not Reported  
Average Water Depth:     12  
Date:                        12/31/1992

AQUIFLOW      55917

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

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.

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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%

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### HYDROLOGIC INFORMATION

**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.

### HYDROGEOLOGIC INFORMATION

#### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### GEOLOGIC INFORMATION

#### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Amdt 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).

#### **STATSGO: State Soil Geographic Database**

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.

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

#### **FEDERAL WATER WELLS**

##### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

##### **PWS ENF: Public Water Systems Violation and Enforcement Data**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

## 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

#### Area Radon Information

Source: EPA

Telephone: 303-236-1525

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: 202-564-9370

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### 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.