



GeoStrategies Inc.

PHASE I PRELIMINARY SITE ASSESSMENT

461 8th Street
Oakland, California

764403

June 30, 1993



GeoStrategies Inc.

June 30, 1993

Mr. Randy Orlowski
Shell Oil Company
511 N. Brookhurst Street
Anaheim, CA 92801

Reference: PHASE I PRELIMINARY SITE ASSESSMENT
461 8th Street
GeoStrategies' Project Number: 7644.03

Mr. Orlowski:

Attached please find one copy of our Preliminary Site Assessment for the property located at 461 8th Street in Oakland, California. If you should have any questions or comments regarding this report, please don't hesitate to call me at (510) 352-4800, ext. 290.

Sincerely,
GeoStrategies, Inc.

Deborah A. Reagan
Senior Project Manager

:CH/7644psa.ltr

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PROJECT SUMMARY

At the request of Shell Oil Company, GeoStrategies Inc.(GSI) conducted a Preliminary Site Assessment of the property located at 461 8th Street in Oakland, California. The assessment included: a physical site inspection of the property and surrounding area, interviews with persons knowledgeable of the subject site, and a review of Federal, State, and local records, and associated research. Based on GSI's investigation, the following issues of environmental concern were identified:

- The subject property was a gasoline service station from 1965 to 1980. Galvanized steel product piping failed pressure integrity testing, and was removed in 1979. ~~In May 1980, Shell Oil Company~~ terminated their lease of the subject property and removed all existing improvements, buildings, and ~~underground storage tanks (UST).~~
- Known hydrocarbon contamination is present in the soil and groundwater immediately adjacent to the subject property. *where? 5 of site*
- Regulatory agency file review revealed the presence of seven Leaking Underground Storage Tank (LUST) sites within one quarter mile of the subject property.

No other problems of significant environmental concern were discovered during the course of this investigation.

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1.0 INTRODUCTION

GeoStrategies Inc (GSI) was retained by Shell Oil Company to conduct a Preliminary Environmental Site Assessment (PSA) of the ALLRIGHT PARKING Lot site, a former Shell service station, located at 461 8th Street, Oakland, Alameda County, California. The purpose of the PSA is to assess the potential environmental concerns of past and present activities and current conditions at the subject property. Mr. Chuck Headlee, Regulatory Compliance Manager performed the site assessment on June 21, 1993. Findings of the report are discussed in Section 7.0 and recommendations for further actions are provided in Section 8.0.

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2.0 SCOPE OF WORK

The scope of work included the following tasks:

TASK 1: On Site Investigation and Off-Site Reconnaissance

GSI performed a site inspection and an off-site reconnaissance. The off-site reconnaissance distance was approximately 1/4-mile from the existing property boundary. The purpose of this task was to visually identify potential sources of contamination which may have impacted the site. Past tenants were not available for questioning during this course of this investigation.

TASK 2: Literature/Records Search

GSI reviewed existing public domain records and files to assess whether present or past generation, use, storage, or disposal of hazardous materials had or potentially could have affected site conditions. GSI reviewed public records and correlate research data with our site inspection and off-site reconnaissance findings.

TASK 3: Aerial Photograph Survey and Map Survey

GSI reviewed aerial photographs, topographic maps and Sanborn maps to evaluate changes in the physical setting and historical land use of the subject property and adjoining properties.

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TASK 4: Computer Database Search

GSI reviewed pertinent computer databases maintained by State and Federal agencies to evaluate known or suspected contaminated sites which may have impacted the subject property.

TASK 5: Report Preparation

GSI prepared this written report discussing the results of the Phase I PSA. The report, contains our conclusions and recommendations as well as representative photographs of the subject property.

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3.0 SITE LOCATION AND JURISDICTION

The subject property is located at 461 8th Street, Oakland, Alameda County, California (Appendix 10.3, Figure 1). The property consists of approximately 16,000 square feet of land and is improved as a public parking lot. The entire property is paved with asphalt, and no structures exist on the site (Appendix 10.2, Plate 1). The subject property is located in a completely developed area (zoned C-52,S-7/S-8) of mixed commercial use. The site is in the redevelopment area known as Old Oakland and is bounded by retail shops, restaurants, offices, abandoned buildings, and vacant lots. The Oakland Estuary is approximately 0.5 miles to the west. Interstate Highway 880 lies 500 feet to the west of the subject property.

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4.0 SITE HISTORY, PRESENT AND PROPOSED USES

4.1 Current and Past Tenant Uses

The subject property is owned by the Weston Havens Trust and managed by Pacific Property Asset Management Company. Real estate title records were not readily available during the course of this PSA.

According to Sanborn maps reviewed by GSI, the site has been used for various retail and restaurant facilities from 1889 until at least 1952. Oakland Building Department records indicate that American Oil Company built a service station on the subject property in 1965. According to permits issued by the City of Oakland Engineering Department, in 1974 Shell Oil Company installed vapor recovery piping at the facility to meet existing air quality guidelines. The site was in continuous use as a service station from 1965 until ~~1980 when Shell Oil Company~~ terminated their lease, ~~removed the tanks and piping,~~ and demolished the service station building. The site has been used as a parking lot since the demolition.

4.2 Aerial Photograph Survey

GSI reviewed aerial photographs from the years 1947, 1950, 1953, 1959, 1971, 1975, 1979, 1983, and 1992. Photos were reviewed for site conditions, surrounding land uses, and evidence of environmental concerns.

1947 Aerial Photograph

The subject property and all surrounding areas appear to be used for residential or retail commercial. The subject site is visible as a small

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residential or commercial facility. There is no visible evidence of any industrial activity at the subject property or in the surrounding area. Railroad tracks running northwest to southeast are visible approximately three eighths of a mile southwest of the site. The Oakland Estuary, part of San Francisco Bay, is seen approximately one half mile to the west of the subject property. Lake Merritt appears approximately one mile to the northeast of the subject property.

1950 - 1959 Aerial Photographs

The subject property and all surrounding areas appear to be used for residential or retail commercial. The subject site is visible as a small residential or commercial facility. There is no visible evidence of any industrial activity at the subject property or in the surrounding area. Large natural gas storage containers are visible one half mile to the west of the subject property. Increased development of the Port of Oakland property at the Oakland Estuary west and northwest of the site is evident. There is no visible evidence of any manufacturing or industrial activity in the nearby area of the subject property. Interstate 880 (then referred to as State Highway 17) is visible to the west of the subject property.

1971 Aerial Photograph

The subject property is visible as a **service station**. The surrounding properties are a mix of retail commercial, or residential uses. The Port of Oakland facilities are more developed with cargo terminals visible in the photo. The area near the port facilities are visible as either industrial or heavy commercial properties. The area west of the subject property, near the railroad tracks, is developed as a produce distribution center. Between the produce district and the Estuary restaurants and nightclubs

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are visible.

1975 - 1979 Aerial Photographs

The subject property is occupied by what appears to be a **gasoline service station**. The surrounding area appears to be undergoing redevelopment, but is still predominantly retail commercial or residential. **Within a quarter mile of the subject property at least two facilities are visible that appear to be service stations or auto repair shops. Large natural gas storage tanks, associated with the Port of Oakland, are visible along with the Port of Oakland property to the northwest.**

1983 Aerial Photograph

The subject property is visible as an **empty lot** surrounded by retail commercial properties and other vacant lots. The area appears to be undergoing redevelopment from old residential and retail commercial uses to newer retail and commercial office facilities. Large office buildings are visible to the north and east of the subject property. **The two apparent service stations visible in the 1979 aerial photograph are still present in this photo.**

1992 Aerial Photograph

The subject property is visible in its current state as a **parking lot**. Commercial and retail facilities are built up to the property line on the west and south sides of the property. Interstate 880 is visible 500 feet to the west. Interstate 980 is visible approximately one half mile north of the subject property. The immediately surrounding properties are retail or commercial office facilities with vacant lots interspersed. Within a quarter

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mile east, west, and south, large office buildings are visible. The Port of Oakland facilities are modernized and several large terminals and cranes are visible. The large natural gas storage tanks are no longer visible and appear to have been removed. The properties adjacent to the port facilities are visible as industrial and commercial use areas. The Bay Area Rapid Transit tracks are underground in this area, and the station access facilities are visible along Broadway.

No evidence of waste disposal or land-filling which could pose an environmental threat to the site was observed in the aerial photographs.

4.3 SANBORN Map Review

GSI reviewed SANBORN maps from 1889, 1902, 1912, 1951, 1952, and 1970 for the subject property. The SANBORN maps cover the area from Jefferson Street to Broadway and 6th Street to 8th Street. The SANBORN maps indicate that the subject property was used for a saloon, boarding house, restaurant, and retail facility between 1889 and 1952. The 1970 SANBORN map shows the subject property as a service station with underground storage tanks on site. The 1970 SANBORN map also shows what appears to be a gasoline dispensing facility with an ~~underground storage tank at the Oakland Police Department parking facility at 6th Street and Broadway.~~ There is no indication on the SANBORN maps of any other underground storage tanks in the area covered.

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of the FP problem

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5.0 SITE INSPECTION OBSERVATIONS

5.1 Site Inspection

5.1.1 Subject Property

GSI conducted a physical inspection of the subject property on June 21, 1993. The property is currently used as a public parking lot and has space for 63 automobiles. The lot is enclosed on two sides by a four foot high chain link fence with black vinyl slats. The 7th Street side of the property is bounded by a fifteen foot high concrete wall (the back wall of the restaurants and commercial facilities along 7th Street and Broadway). A former restaurant and lounge, Dahlkes, at ⁷⁰¹716 Broadway is the adjacent property to the west of the subject property. The remaining side of the property is bounded by the five story high masonry wall of the building immediately adjacent to the north of the site, identified as 477 8th Street, the Asian Job Opportunity Office. There are three driveways accessing the subject site, one on 8th Street and two on Broadway. The asphalt is in good condition with very little cracking. There is minor visible staining of the asphalt from cars parked on the site. No structures exist on the subject property. A small fenced area (approximately ten square feet) is located in the corner opposite 8th and Broadway. Some trash and garbage, cans, bottles, and newspapers, are visible within this enclosure.

5.1.2 Adjacent Properties

GSI reviewed the City of Oakland building files for permits issued on the subject property to evaluate construction activities at the site that may have affected the environment. Review of the files revealed that underground storage tanks existed on the subject property from 1965

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until 1980. ~~The product piping was replaced because of leakage in 1979.~~
~~The underground tanks, piping, and service station building were removed~~
~~in 1980.~~ The property remained vacant until 1984, when it became a parking lot. There are currently no activities at the subject site of environmental concern. The only permits on file were the building permits for the 1965 service station construction and subsequent piping replacement and station demolition in 1974, 1979, and 1980.

There is an undocumented reference, provided by Shell Oil Company, for the subject property which indicates that the ~~Oakland Police Department removed and replaced leaking underground storage tanks at their parking lot located at the intersection of Broadway and 6th Street.~~ *when?* No regulatory files concerning this site were discovered by GSI during the course of this investigation. A permit to repair the product lines and dispensers at the Police Department parking lot was taken out in 1984 by the Egan and Paradiso company, but no additional information was available. Personal communication between GSI and the Oakland Public Works Construction Division revealed that the product lines at the police facility were tested in 1988, and found to be intact. The lines passed a pressurized leak test and were abandoned in place. There are no regulatory files to indicate that a soil or groundwater investigation has been performed at this site.

GSI reviewed of the City of Oakland building permit records and Oakland Fire Department records to determine if (re)development activities on the adjacent properties could have had an environmental impact on the subject property. The available records did not reveal any construction activities on the surrounding properties that may have been or currently are of any environmental significance to the subject property.

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5.2 Topography, Geology and Groundwater

The subject site is located on the flat lying surface of the San Francisco Bay Plain approximately 35 feet above mean sea level (Appendix 10.3, Plate 1). The active Hayward Fault is mapped approximately four miles to the northeast near the base of the East Bay Hills. The Oakland Estuary, a channel of San Francisco Bay separating Oakland from Alameda, is located one half mile southwest of the subject property. Lake Merritt is located three quarters of a mile east of the subject property.

Radbruch and Case, 1967, map the subject property as Merritt Sands, a quaternary age sedimentary deposit consisting of fine to medium grained sand with minor organic materials. Soil boring data from the UST removal project at 706 Harrison (Dennis Bates Associates 1993) and the environmental assessment of the Bramelea project at 11th and Broadway (Woodward-Clyde Consultants 1988) confirm that the site is underlain by Merritt Sands inter-fingered with Bay Mud. Helley, LaJoie, Spangle, and Blair 1979, describe the Bay Mud as unconsolidated, olive gray, blue gray, or black silty clay.

Based on data from groundwater monitoring wells in the area, groundwater at the site occurs at from 14 feet to 22 feet below ground. Groundwater flow is generally west to south westerly. The gradient is nearly flat. Because the gradient is nearly flat, groundwater flow direction can be erratic during the dewatering phases of construction projects in the area. This area of Oakland has undergone extensive redevelopment and many large office buildings have recently been built, affecting the local hydraulic conditions.

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5.3 Hazardous Materials Use and Storage

GSI's site inspection of the subject property revealed that there are no hazardous materials stored on the subject property. GSI contacted the offices of ALLRIGHT PARKING and was informed that no materials considered hazardous are currently stored or used at the subject site.

GSI's review of the regulatory files found no evidence of past or present on-site or off-site disposal practices that could pose an environmental threat to the subject property. None of the files reviewed indicated any violations against the subject property involving environmental concerns.

~~6.4 Underground and Aboveground Storage Tanks~~

File review conducted by GSI revealed that the underground storage tanks, and associated piping, used for the operation of the American Oil Company service station and then by the Shell Oil Company service station were removed in May 1980. Information provided by Shell Oil Company indicates that in January 1979 the Bay Area Rapid Transit District (BART) reported ~~leaking into the BART tunnel at 7th and Broadway.~~ The product was reported to be Shell Regular Leaded gasoline. Product line testing conducted by Shell Oil in 1979 revealed the presence of a leak in the piping associated with the USTs. Shell subsequently closed the facility in order to replace the product lines. Subsequent tightness testing of the tanks indicated no leakage in the tanks themselves. The galvanized steel product lines were replaced with fiberglass lines and the service station was reopened later that year. In May 1980, Shell Oil Company terminated their leasehold agreement, removed all existing improvements, underground storage tanks, and associated piping, and vacated the site. GSI's review of the City of

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Oakland building permit files revealed that Shell Oil Company obtained permits to demolish the service station and remove the USTs and associated piping in accordance with existing regulations. No additional regulatory information is available regarding the UST removal.

~~In December 1981 a recovery system was installed on the City of Oakland property located at the southwest corner of 7th and Broadway to remove the hydrocarbon contamination.~~ * The contamination was discovered during a 1981 soil and groundwater investigation of the subject property performed by Groundwater Technology Inc. Shell Oil Company had the recovery system shut down in August of 1982 because the hydrocarbon concentrations in the effluent exceeded the discharge requirements of the discharge permit. The recovery system was subsequently removed in 1986.

meaning system was effective + contam. removed?

Groundwater monitoring wells, identified as S-1, S-2, and S-3, located on the subject property were destroyed during construction activities at the subject site. A quarterly groundwater sampling program was initiated for the three remaining off-site wells, identified as S-4, S-5, and S-6, beginning in 1989. No records of testing conducted in wells S-1, S-2 or S-3 were discovered by GSI during this investigation. The second quarter 1992 groundwater sampling report indicates that well ~~_____~~

~~historically dry or~~ less than the detection limit for Total Petroleum Hydrocarbons-Gasoline (TPH-G) and Benzene, Toluene, Ethylbenzene, and Xylene (BTEX). Well S-5 has had free product showing at all sampling events. TPH-G concentrations in well S-6 ranged from 39 to 64 mg/l and the BTEX constituents ranged from 11 to 22 mg/l benzene, 2.0 to 7.6 mg/l toluene, 0.8 to 2.2 mg/l ethylbenzene, and 2.3 to 7.7 mg/l total xylenes.

The GSI site visit included an inspection of the entire property for evidence of any remaining USTs. Areas of the property were inspected

for soil or gw? or both? thinks for gw.

** caused by shell?*

*in '87
of what?
there's no bldgs on site - when they made a parking lot.*

bec - 74's damaged! or filled in.

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for vents, fill pipes, or unexplained concrete patching. No evidence suggesting the presence of USTs or aboveground storage tanks was observed during the site visit.

5.5 Utilities

The subject property does not have natural gas service, drinking water, sewer service, or garbage service. GSI's site inspection did not reveal any electrical service to the property. There is no outdoor lighting for the public parking facility that occupies the site. Pacific Gas and Electric provides natural gas and electrical service for the nearby buildings.

There are no septic systems on the subject property. Storm water runoff is provided by public storm drains. The nearest surface waters are the Oakland Estuary one half mile southwest of the subject property and Lake Merritt three quarters of a mile east of the site. There are no domestic, irrigation, or municipal well within a one mile radius of the subject property.

5.6 Polychlorinated Biphenyls (PCBs)

PCBs were widely used in the electrical manufacturing industry until the mid-1970s, when they were banned from use because they pose a threat to human health and the environment. In 1979, the US EPA prohibited the use of PCBs as a dielectric fluid.

GSI inspected the property for electrical equipment that may contain polychlorinated biphenyls. No electrical transformers or electrical devices were observed on the subject property. An inspection of the surrounding area showed that there are no transformers on power poles in the nearby

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area. Because there are no sources for PCBs from electrical equipment on the site or nearby the site, PCBs are of little environmental concern to the subject property.)

5.7 Asbestos Screening

Asbestos is a generic term used to describe a group of naturally occurring silicate materials that have been linked to a number of health problems, including asbestosis, mesothelioma, and lung cancer. The most widely used types of asbestos are chrysotile and amosite. Others include crocidolite, tremolite, anthophyllite, and actinolite. GSI's physical site inspection of the subject property did not reveal the presence of any suspected asbestos-containing materials.)

5.8 Radon

Radon is a naturally occurring radioactive gas found in soils and rocks; derived from the natural decay of radium. Radon is an odorless, colorless, carcinogenic gas believed to be harmful at all exposure levels. Radon can accumulate in enclosed spaces. There is an increased chance of developing lung cancer when exposed to elevated levels of radon. In general, the risk increases as the levels of radon and length of exposure increase. The EPA has established a guidance level of 4 picocuries per liter (Pci/L) of radon in indoor air for residences. There have been, however, no standards established for commercial structures. Radon gas accumulations above 4 Pci/L are considered to represent a health risk to occupants. Because there are no structures on the subject property that could facilitate the accumulation of radon gas, radon is not an environmental concern at this site.)

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5.9 Lead

GSI did not conduct testing for the presence of lead in the paint at the at the subject property. It is possible that there is lead in the paint on the exteriors of the buildings which border two sides of the subject property.

However, because the site was in use as a service station from 1965 until 1980 and lead was a component of gasoline during that period, the potential for lead contamination in the soil exists.

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6.0 REGULATORY REVIEW

GeoStrategies, Inc. (GSI) contacted a number of federal, state, and local regulatory agencies/offices for information regarding additional issues, compliance with applicable regulations, and human health concerns. The results of these inquiries and associated records research are discussed in this section. A list of information sources consulted in the preparation of this report is presented in Appendix 10.4

GSI conducted a database search consisting of the following sources:

- CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System
- NPL National Priorities List
- LIENS Federal Superfund Liens
- CORTESE Hazardous Waste and Substances Site List
- AWP CAL-SITES
- BZP Border Zone Property Act Sites (Deed Restrictions)
- ASPIS CAL-SITES
- HWIS Hazardous Waste Information Systems
- SWIS Solid Waste Information Systems
- LUST Leaking Underground Storage Tanks

This database search was used to obtain information on environmental concerns associated with the subject property and within a radius of one mile of the property. This search includes a review of publicly available

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database information sources. Some sites, depending upon the nature of the environmental problem they present, will be present on more than one list. When a site appears on multiple lists, the discussion of that site is held under the section considered to be most pertinent to this report. A copy of the database information and a description of the different database sources reviewed is available in Appendix 10.4.

6.1 Federal Records

6.1.1 CERCLIS and NPL Databases

GSI reviewed the CERCLIS and NPL to determine if the subject property is included for investigation. EPA's CERCLA (or Superfund) program provides for liability, compensation, cleanup, and emergency response for hazardous substances released into the environment, and for cleanup of inactive or uncontrolled hazardous waste sites. As part of this program, sites meeting certain criteria are required to notify the EPA and are catalogued on the CERCLIS database. Once catalogued, these sites are evaluated to determine whether they present a threat to human health or the environment and, therefore, require remedial action. The CERCLIS sites that are determined to require further investigation are then scored using the Hazard Ranking System: sites scoring above a certain level are considered for placement on the NPL for additional study and remediation.

GSI's review revealed that the subject property is not included on the CERCLIS or NPL. Seven sites are listed in CERCLIS and are located within one mile of the property. GSI reviewed files for five of the seven sites. The files for the Oakland Naval Supply Center/Alameda Facility and the 54 Embarcadero Property were not available for review during the course of

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this investigation.

Francis Plating, located at 785 7th Street, three eighths of a mile northwest of the subject property, had a fire that was investigated by the Environmental Protection Agency on November 18, 1992. Francis Plating specializes in nickel plating, cadmium plating, aluminum anodizing, and chromic acid passivation. Fire cleanup involved storing and treating waste liquids, properly removing fire damaged equipment, and preventing run-off from the property to the surface waters. The EPA indicated that there was some airborne contamination to the neighboring properties but not significant amounts. There was minor chromium contamination in the Oakland Estuary. The Francis Plating Company was operational on a limited basis by February 1993. (Based on the distance from the subject property and nature of the environmental problem at the Francis Plating facility, GSI believes the Francis Plating Company to be of little environmental concern to the subject property.)

Nor-Cal Metal Fabricators, located at 1121 3rd Street, three quarters of a mile west of the subject property, welds, cuts, and bends sheet metal; primarily steel stainless steel and aluminum. The waste products at this site include solvents and sludges. According to the Department of Health Services (DHS) Preliminary Assessment (PA) summary all wastes are hauled off-site by a licensed hauler. The DHS inspection of the property revealed no violations and recommended that no further action be taken. Based on this information, (GSI considers this site to be of no environmental concern to the subject property.)

Pacific Gas & Electric (PG&E) owned and operated a Manufactured Gas Plant (MGP) from 1903 to 1958, located at 1st and Washington approximately one half mile southwest of the subject property. The plant

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used crude oil to create gas for electrical generation and home use. The plant was closed in 1958 and dismantled in 1961. Currently PG&E uses a portion of the property as a gas load station and electric generation facility. Typical MGP operations produce tars, light oils, sludges, and lampblack as waste. Although there is no documented releases or threatened release at the site, PG&E is currently performing an environmental assessment of the property to determine if there is an threat to public health or the environment. Based on the fact that this site down gradient of the subject property with respect to groundwater flow, and the distance from the subject property, GSI believes that this site is of little environmental concern to the subject property.)

Sherex Chemical Company, located approximately one mile west of the subject property at 1401 Middle Harbor Road, manufactured cleaning products. These products consisted of nitrogen based and fatty based chemicals for soaps. The facility opened in 1929 as the El Dorado Oil Works and used coconut oils as raw materials. El Dorado started using methyl esters in the 1940's for it's raw materials. In the 1960's Foremost, who had bought the facility started using fatty nitrogens to manufacture dish washing detergents. Sherex Chemicals acquired the plant and closed operations in 1986. In June 1986 Sherex Chemical was served a notice of violation by the Alameda County District Attorney. These violations consisted of improper storing and labelling of hazardous wastes, not providing secondary containment for certain chemicals, and that the Alameda County Division of Environmental Health suspected unreported releases of chemicals into the environment. Sherex Chemical instituted an environmental investigation of their facility. The investigation revealed heavy metal, priority organic pollutants, and oil and grease in the soil and groundwater at the site. However, GSI feels that due to the distance from the subject property and the nature of the

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contamination at the Sherex Chemical facility, that this site is of little environmental concern to the subject property.

Safety-Kleen Corporation is located at 404 Market Street, approximately one half mile west of the subject property. This facility is a supplier and reclaimer of parts cleaners, such as mineral spirits, dry cleaning solvents, and immersion cleaners. The used cleaning fluids are stored in 12,000 gallon underground storage tanks. The used shipping drums are stored on site and periodically removed by a licensed hauler. In 1989 the DHS issued a notice of violation to Safety-Kleen for open containers, missing records, a release to the environment, inadequate labelling of containers, and leaking containers. Safety-Kleen responded to these violations and was granted a permit to operate by the EPA. DHS made a negative declaration for the project and stated that there would be no significant threat to the environment from the proper operation of the plant. The 1993 first quarter groundwater monitoring report for the Safety-Kleen facility documents the on-going soil remediation project. This project is in response to the detection of mineral spirits impacted soil during the replacement of single walled storage tanks in 1990. Mineral spirits were detected in the soil but not in the groundwater in the January 1993 sampling. TCE, DCA, and PCE were detected in the groundwater at concentrations in the range of 1.3 micrograms per liter (ug/l) to 5500 ug/l in eight monitoring wells and not detected in the three other monitoring wells. Because of the on-going remediation project at this site and the distance from the subject property, GSI feels that this site is of little environmental concern to the subject property.

The Oakland Naval Supply Center/Alameda Facility located at 2155 Mariner Square Loop, Alameda approximately one mile south of the subject property is listed on the CERCLIS. However, the regulatory files

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for this site were not available for review during the course of this investigation.)

54 Embarcadero located at Fallon and Embarcadero three quarters of a mile southeast of the subject property is listed on the CERCLIS. However, the regulatory files for this site were not available for review during the course of this investigation.)

6.1.2 Federal Superfund Liens

Under Section 107(L) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) 42 U.S.C. Section 9607(1). EPA has the authority to file liens against real property to recover cleanup, response, and other expenditure made by EPA under the CERCLA program. EPA has prepared a listing of filed notices of Superfund Liens that is updated quarterly. Because these liens are "statutory Liens", they arise when the agency spends money on a site or when notification of potential liability is received by the owner of the property. EPA maintains that these liens can arise without filing, however, and they suggest checking CERCLIS sites for lien status. GSI's review revealed that the subject property is not included on the LIENS; in addition, there are no LIENS sites located within one mile of the site.)

6.2 State and Local Records

6.2.1 Hazardous Waste and Substances

The California Governor's Office of Planning and Research annually publishes a listing of potential and confirmed hazardous waste sites throughout the State of California under Government Code Section

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65962.5. Review revealed that the subject site is included on the CORTESE list. However, there are five other CORTESE sites of concern within one half mile of the subject property. These five sites are discussed in Section 6.2.7.

6.2.2 CAL-SITES (AWP)

The Annual Work Plan (AWP) contains a listing of all verified hazardous waste sites that are, or will be, targeted for abatement by the California Environmental Protection Agency under the Hazardous Substances Cleanup Bond of 1984 (Health and Safety Code Section 25356) and the Hazardous Substances Account (HSA). Hazardous waste sites may be discovered by the department directly or referred to the department for confirmation and follow-up action by another government agency, such as a local health department, a Regional Water Quality Control Board, a responsible party, or a concerned citizen. New sites are added to this database as they are verified and the "Preliminary Assessment, Site Investigation and Hazard Ranking System" process are completed. This database is updated once annually after approval of the California State Legislature and has been incorporated into the CAL-SITES database, which currently contains a list of approximately 450 sites in the State of California. Review revealed that the subject property is not included on the AWP; there is, however, one known AWP site located within one mile of the subject property, the Alameda Annex Naval Supply Center located at 2155 Mariner Square Loop, Alameda. As previously stated in section 6.1.1, the regulatory files for this site were not available for review during the course of this investigation.)

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6.2.3 Border Zone Property Act Sites

In accordance with Assembly Bill 816 and the Hazardous Waste Property/border Zone Property Law (Health and safety Code 25220) and CAL-EPA, Toxic Substances Control Program (TSCP) enters into voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals, or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste." Restrictions may include "activities on, over, or under the land, including, but not limited to, a prohibition against building, filling, grading, excavating, or mining" without the written permission of the TSCP.

This bill requires the TSCP to "notify the planning and building departments of each city, county, or regional council of governments when a land use restriction has been recorded, and would require the planning or building department to enforce the restriction," although the TSCP has compiled a list of properties subject to environmental deed restrictions that is used to notify various building and planning departments in local jurisdictions. Review revealed that the subject property is not included on the Deed Restrictions list; however, there is one known site listed within one mile of the subject property.

GSI reviewed the files for the Clorox Company located at 1221 Broadway one quarter mile north of the subject property. The review revealed that Clorox is listed on BZP because they maintain their own phone switching system at the Clorox building. This system requires that, as an emergency power failure backup, a room full of large batteries are on site.

GSI believes that this facility is of little environmental concern to the subject property.

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6.2.4 CAL-SITES (ASPIS)

Developed under Section 25359.6 of the Health and Safety Code, the California EPA Toxic Substances Control Program (TSCP) maintains a listing of potential and known hazardous waste sites. TSCP staff have interviewed officials from county health agencies, local fire departments, county agricultural commissioners, and other local agencies that could reasonably be expected to have information regarding potential waste sites. The Regional Water Quality Control Boards, Department of Fish and Game, and other state environmental regulatory agencies' TSCP staffs also review historical land use data sources to generate lists of potentially contaminated sites.

This database was formerly known as the Abandoned Site Program Information System (ASPIS), but was integrated into the CAL-SITES database in 1991. Information concerning most of these sites should be considered preliminary, although most confirmed sites from this database are merged into the AWP once they have undergone the hazard ranking process. This database currently contains more than 26,000 sites in the State of California. Review revealed that the subject property is not included on the ASPIS. Sixteen sites within one half mile of the subject site are, however, listed on the ASPIS. All but one of these sites have been designated "NFA", indicating that they have been investigated by the state and found to require No Further Action.

GSI reviewed the files for Lakeside Non-Ferrous Metal Fabricators located at 412 Madison Street, one half mile southeast of the subject property. An inspection by the Alameda County Environmental Health department revealed minor oil spillage on the ground next to a drum. Additionally, the owner stated that he removed an underground storage tank used for

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gasoline storage. The file did not indicate an time frame for the tank removal nor did it indicate that there was any environmental impact from the tank. (Based on this information and the distance from the subject property, this site is of little environmental concern to the subject property.)

6.2.5 Hazardous Waste Information System

The California Department of Health services, Toxic Substances Control Division, has developed and maintained lists of hazardous waste generators and hazardous waste treatment storage and disposal facilities in the State of California, pursuant to the Hazardous Waste Control Law (Health and Safety Code Section 25100 et seq.), and the Hazardous Waste Management Act of 1976 (Health and Safety Code Section 25179.1 et seq.). In addition, this law requires all counties to prepare and submit hazardous waste management plans. The Toxic Substance Control Division maintains lists containing generation and disposal data within each county. This information has been assembled by the Toxic Substances Control Division from manifest reports required from hazardous waste generators. This database currently lists over 50,000 sites in the State of California. GSI's review of the HWIS revealed that the subject site is not listed. Forty four sites within one mile of the subject site are listed on the HWIS. (These sites are all currently regulated by the state and are not considered to be of environmental concern.)

6.2.6 Solid Waste Information System

The California Integrated Waste Management Board maintains an inventory list of both open as well as closed and inactive solid waste disposal facilities and transfer stations pursuant to the Solid Waste

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Management and Resource Recovery Act of 1972, Government Code Section 2.66790(b). Generally, the California Integrated Waste Management Board learns of locations of disposal facilities through permit applications and from local enforcement agencies. Since 1977, the SWIS system has grown to track over 1,000 solid waste disposal facilities and transfer stations in the State of California. GSI's review of the SWIS revealed that the subject site is not included on the SWIS list; in addition there are no known SWIS sites within one mile of the subject property.

6.2.7 Leaking Underground Storage Tanks

The California State Water Resources Control Board, in cooperation with the Office of Emergency Services, compiles lists of all leaks of hazardous substances from Underground Storage Tanks (USTs) in the State of California pursuant to Section 25295(b) of the Health and Safety Code. The nine regional boards maintain information on all reported leak cases within their jurisdiction, both for those where the regional boards and other local agencies take the lead in overseeing investigations and remedial actions. GSI visited the Oakland, California offices of the San Francisco Bay Area Regional Water Quality Control Board (RWQCB) on June 23, 1993 to review files for known LUSTs within one quarter mile of the subject property. GSI reviewed files for the following seven sites:

*Does
Soil test?*

~~The parking lot at 9th and Jefferson,~~ located one quarter of a mile northwest of the subject property, previous to 1953, was used as a service station and contained four 550 gallon underground storage tanks. The Woodward-Clyde Consultants 1991 Hydrocarbon Remediation Program for this site states that there is soil contamination in the range of 32,000 parts per billion (ppb) to 46,000 ppb TPH-G in a layer 20-24 feet below grade. TPH-G concentrations of 26,000 ppb and BTEX

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concentrations of 7500 ppb have been observed in the groundwater in the northeast corner of the property. Woodward-Clyde Consultants have measured the groundwater flow direction as southeast. This site is a quarter of a mile from the subject property, however based on the up gradient location of this site, the nature of the hydrocarbon contamination, and the fact that there are no off-site monitoring wells to monitor potential off-site hydrocarbon migration, GSI believes that this site is of environmental concern to the subject property. GSI recommends a periodic review of the regulatory files concerning the 9th and Jefferson property to assess any off-site movement of the hydrocarbon contamination.

GSI reviewed the file for Chinatown Redevelopment Project located at 11th and Webster one quarter of a mile northeast of the subject property. According to the Harding-Lawson Associates (HLA) letter to the DHS, dated October 7, 1988, concerning the remediation of this site, in April of 1987 underground storage tanks removed from under the sidewalk as part of the construction project for the East Bay Municipal Utility District (EBMUD) high-rise office complex. Another area of hydrocarbon contaminated soil was discovered in the northeast corner of the EBMUD site. There is no indication in the letter of any groundwater contamination at this site. HLA outlined a plan to aerate some soil and remove other soil stockpiles from the site. (Based on the distance from the subject property and apparent lack of groundwater contamination at this site, this site is not likely to impact the subject property.)

GSI reviewed the file for the ~~Pacific Renaissance Plaza~~ located at 9th and Webster, three sixteenths of a mile east of the subject property. The Harding-Lawson Associates (HLA) site update to the RWQCB dated October 8, 1988, states that there was formerly a service station on this

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property, at the corner of 10th and Webster. Results of soil and groundwater sampling indicated elevated levels of TPH-G and BTEX in the soil and groundwater. HLA indicated that the groundwater flow direction at this site are generally westerly. HLA concluded, based on the results the 19 on-site soil borings that it is likely that soil and groundwater contamination extend laterally beyond the site boundaries. GSI believes ~~based on the proximity of the site to the subject property and the westerly groundwater flow direction, that this site is of environmental concern to the subject property.~~ GSI recommends that periodic investigation of the regulatory files concerning this site be performed to assess the impact to the subject property of off-site migration of the hydrocarbon contamination.

*aka
Bill Lonie's*

GSI reviewed the file for Alex Shaw and Associates property located at ~~800 Franklin Street,~~ one eighth of a mile east of the subject property. This property was a former service station site and five USTs are known to have been on this site. One was removed prior to any regulatory investigation and no information exists concerning its contents. According to the "Report on Subsurface Investigation Related to Well Installation and Borings, Miller Environmental Company, 1992", four USTs were removed in June of 1989: two 6000 gallon gasoline tanks, one 550 gallon waste oil tank, and one 1000 gallon solvent tank. Contaminated soil was excavated from the interior of the property but was not removed from the edges. Groundwater sampling indicated low levels of TPH-G contamination in the range of 38-87 parts per million (ppm) along with associated BTEX contamination (1.3-8.8 ppm). Minor amounts of DCE and chloroform were also detected. The groundwater flow direction in this area is generally west to southwest. ~~Based on the proximity of this site to the subject property, the hydrocarbon contaminated groundwater, and groundwater flow direction this site is of environmental concern to~~

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the subject property. GSI recommends that a periodic review of the regulatory files concerning this property be made to assess the impact to the subject property of hydrocarbon contaminated groundwater migration from this site.

GSI review of the file for Bramalea Pacific 12th Street Project, located at 12th Street and Clay one quarter mile north of the subject property, revealed that an underground fuel oil tank was encountered during the excavation of this site. According to the Woodward-Clyde Consultants summary letter concerning this site, the 1000 gallon tank was damaged during removal and a tar like substance leaked onto the ground. The spill was contained in an area of approximately 50 square feet. The fuel oil contaminated soil was removed and groundwater was not impacted. Based on the distance of the site from the subject property, lack of groundwater contamination, and nature of the spilled material (this site is not likely to impact the subject property).

GSI file review of the Bramalea Pacific 1111 Broadway Project located almost one quarter mile north of the subject property revealed that during excavation for the construction hydrocarbon contaminated soil and groundwater was discovered along the southern edge of the project. The "Construction-Phase Soil and Groundwater Investigations and Environmental Monitoring, January 1991," Woodward-Clyde Consultants documented two rounds of groundwater and soil sampling for this site. The results of that investigation show that low-level hydrocarbon contamination (15ppm TPH-G) occurred in the soil along the south edge of the property in a zone 3 feet thick from eight to eleven feet below the surface. TPH-G concentrations of 25 ppm were found in the groundwater just outside the southern edge of the property. Woodward-Clyde Consultants concluded that contamination was coming from under the

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loading dock of the Hyatt Regency Hotel immediately south of the site due to the north to northwest local groundwater flow direction during the de-watering phase of the project. The regional groundwater direction in this area is generally westerly to southwesterly. This flow pattern may have been altered during the de-watering phase of the construction project. However, because the groundwater hydrocarbon concentrations are low and the distance from the subject property, this site is of little environmental concern to the subject property.

Be Gin!

GSI reviewed the file for ~~Customer Auto Parts located at 700 Hanson one~~ quarter of a mile southeast of the subject property. According to "The Workplan for Soil Disposal, Overexcavation, and Groundwater Monitoring Well Installation," Dennis Bates Associates, January 1993 the site was a service station from 1963 until 1985 when the station closed. In January of 1991 four 1000 gallon USTs, two 6000 USTs, and one 250 gallon waste oil tank were removed from the site. Analytical results from one soil boring sample taken at 20-25 feet in the vicinity of the four former USTs show TPH-G concentrations of 19 ppm. BTEX values are 0.83 ppm benzene, 1.5 ppm toluene, 0.88 ppm ethylbenzene, and 2.6 ppm xylene for the same sample. A groundwater monitoring program for this site has been proposed by Dennis Bates Associates, but the initial results are not yet available. ~~This site potentially may be of environmental concern to the subject property, however, the results of the groundwater monitoring at this site must be evaluated to determine the direction of groundwater flow and if any off-site migration of hydrocarbon contamination has occurred.~~

GSI recommends that the regulatory files for this site be reviewed after the groundwater monitoring program has been initiated. The results of this survey will determine if this site is of any environmental concern to the subject property.

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7.0 CONCLUSIONS

GeoStrategies Inc (GSI) has conducted a commercially responsible due diligence survey of the subject property for the purpose of identifying major environmental impairment issues. Based on the site inspection and review of available information detailed in this report, the following environmental concerns associated with the subject property were identified:

- The subject property was used as a gasoline service station from 1965 until 1980. Product lines on the subject site failed pressure tests in 1979 prior to their removal. GSI's file review found ~~no indication that soil or groundwater testing was conducted at the site at the time the service station was closed and the USTs removed.~~
- Known hydrocarbon contamination has been identified in the groundwater immediately adjacent to the subject property. *where?* The source of this hydrocarbon contamination has not been determined.
- There are seven known Leaking Underground Storage Tank sites within a quarter mile of the subject property. Four of these sites may have impacted soil or groundwater on the subject property.

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8.0 RECOMMENDATIONS

Based on the conclusions discussed in Section 7.0, GSI recommends the following actions be taken for the subject property facility:

- The RWQCB files for LUST sites located at: the parking lot at 9th and Jefferson, the Pacific Renaissance Plaza at 9th and Webster, the Alex Shaw and Associates property at 800 Franklin, and the Oakland Auto Parts facility at 706 Harrison should be reviewed periodically to determine the status of the contamination at these sites.
- ~~A Phase II soil and groundwater investigation of the subject property should be conducted to determine if hydrocarbon contamination, seen immediately adjacent to the subject property, is present on the subject site prior to any construction activities at the site. Upon completion of subsurface investigations, results should be forwarded to the appropriate regulatory agencies.~~

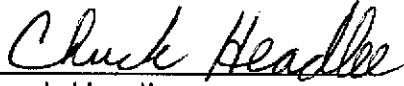
*Do they re planning
to build?*

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9.0 SIGNATURES

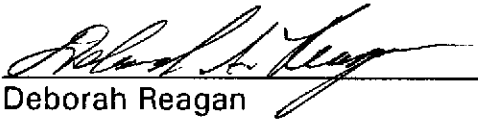
GeoStrategies, Inc. (GSI) conducted a commercially responsible due diligence survey of the subject property, located at 461 8th Street, Oakland, California for the purpose of identifying major environmental impairment issues. The conclusions discussed in Section 7.0 of this report represent the environmental issues identified by GSI during the course of the investigation.

Auditors:



Chuck Headlee
Regulatory Compliance Manager

Approved for Release:
GeoStrategies, Inc.



Deborah Reagan
Senior Project Manager

GeoStrategies Inc.

10.0 APPENDICES

10.1 Photograph Log

10.2 Site Plan

10.3 Vicinity Map

10.4 References, Regulatory Information, and Sources Reviewed

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APPENDIX 10.1

PHOTO LOG

Photograph Log
461 8th Street
June 21, 1993



Photo 1: Subject Property; View from the East



Photo 2: Subject Property; Interior of parking lot

Photograph Log
461 8th Street
June 21, 1993



Photo 3: Subject Property; View from the North

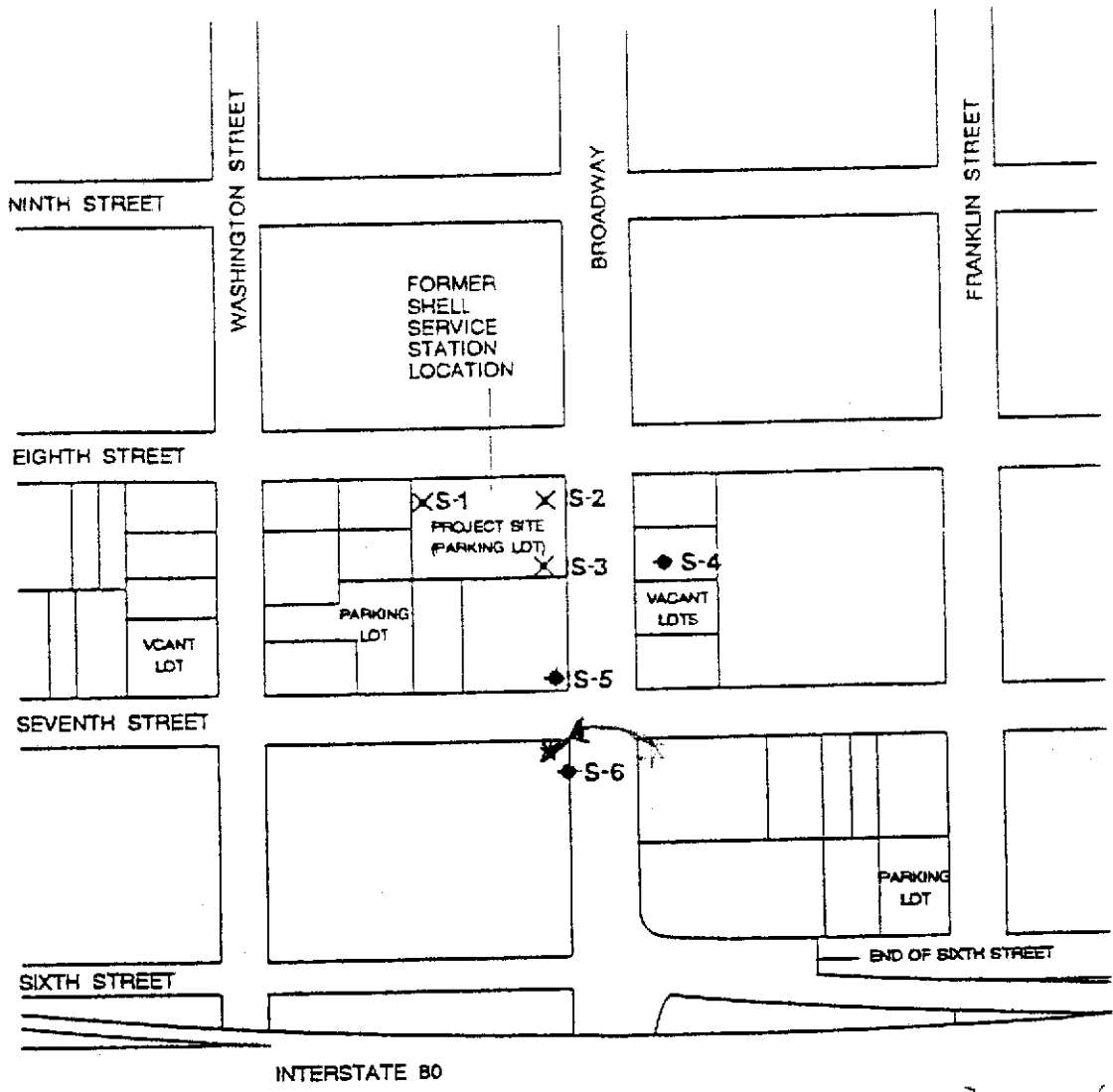


Photo 4: Small Enclosure; Southwest corner of parking lot

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APPENDIX 10.2

SITE PLAN

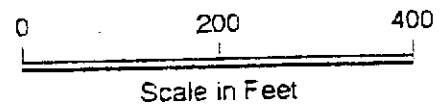


EXPLANATION

- ◆ S-1 Ground-water monitoring well location
- X Destroyed well

** recovery system installed on City property in 12-81.*

SW corner 7th + Broadway



Note: Well S-7 located at Washington and Fifth Streets was destroyed in 1987



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Site Plan
Former Shell Service Station
461 Eighth Street
Oakland, California

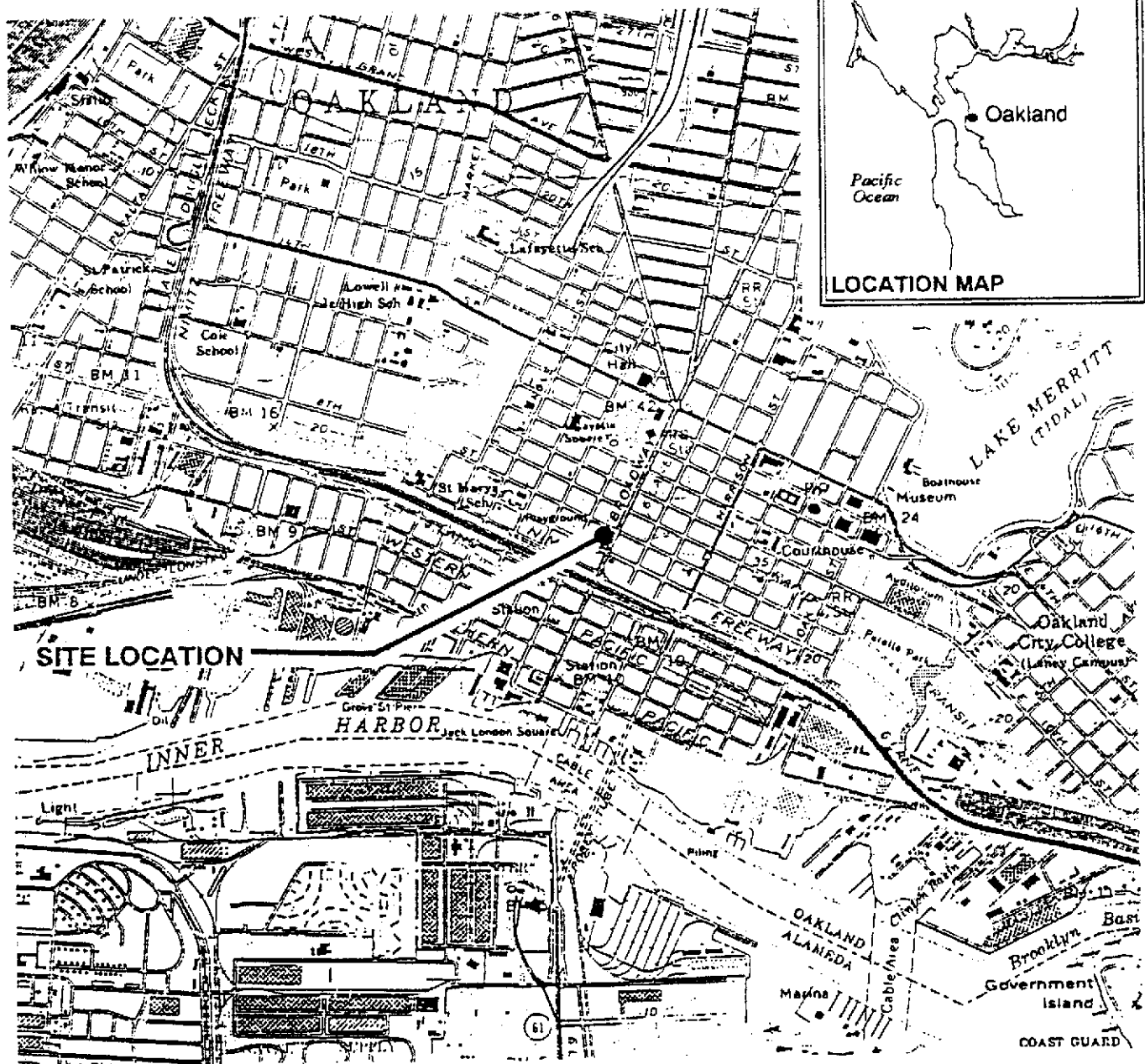
PLATE

1

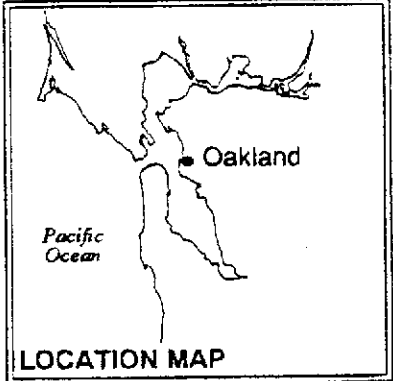
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APPENDIX 10.3

VICINITY MAP



SITE LOCATION



Base Map: USGS Topographic Map

Approximate Scale : 1" = 2000'



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Vicinity Map
 Former Shell Service Station
 461 Eighth Street
 Oakland, California

PLATE

1

JOB NUMBER
7644

REVIEWED BY

DATE
5/90

REVISED DATE

REVISED DATE

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APPENDIX 10.4
REFERENCES, REGULATORY INFORMATION AND
SOURCES REVIEWED

References

Geologic Information

USGS Open File Report P7-144, Radbruch and Case 1967, Geologic Map, Oakland and Vicinity.

USGS Professional Paper 943, Helley, E.J., and LaJoie, K.R., Flat Land Deposits - Their Geology and Engineering Properties and Their Importance to Comprehensive Planning, 1979

Regulatory/Records Review

San Francisco Bay Area Regional Water Quality Control Board Offices, Oakland, California

State of California, Department of Health Offices, Berkeley, California

County of Alameda, Department of Environmental Health, Oakland, California

City of Oakland Building and Planning Department, Oakland, California

City of Oakland Fire Department, Fire Prevention Bureau, Oakland, California

Pacific Gas and Electric Offices, Oakland, California

Aerial Photographs dated 1947, 1950, 1953, 1959, 1971, 1975, 1979, 1983, and 1992. Pacific Aerial Surveys, Oakland, California

SANBORN Maps dated 1889, 1902, 1912, 1951, 1952, and 1970. SANBORN Mapping and Geographic Information Service, Pellham, New York

VISTA Report dated May 25, 1993

Databases reviewed included:

CERCLIS

NPL

LIENS

CORTESE

CAL-SITES (AWP)

Border Zone Property Act Sites (Deed Restrictions)

CAL-SITES (ASPIS)

HWIS

SWIS

LUST



RECEIVED

MAY 26 1993

GeoStrategies Inc.

CLIENT NAME	: GEO STRATEGIES - HAYWARD
ATTENTION	: TOM MC KIMMY
ADDRESS	: 2140 W WINTON AVE
CITY/STATE/ZIP	: HAYWARD, CA 94545
REF/LOAN #	:

VISTA REPORT NUMBER	: 1-7663001
DATE OF REPORT	: 5/25/1993
SUBJECT PROPERTY	: 461 8TH STREET
CITY/COUNTY/STATE/ZIP	: OAKLAND, ALAMEDA, CA 94607

Dear Client:

In response to your recent order for services, we enclose your *Vista California Radius Detailed Report*. We hope you find the information helpful in your investigation. In the event you require additional information about any site identified in this report, please contact our *Customer Service Department*.

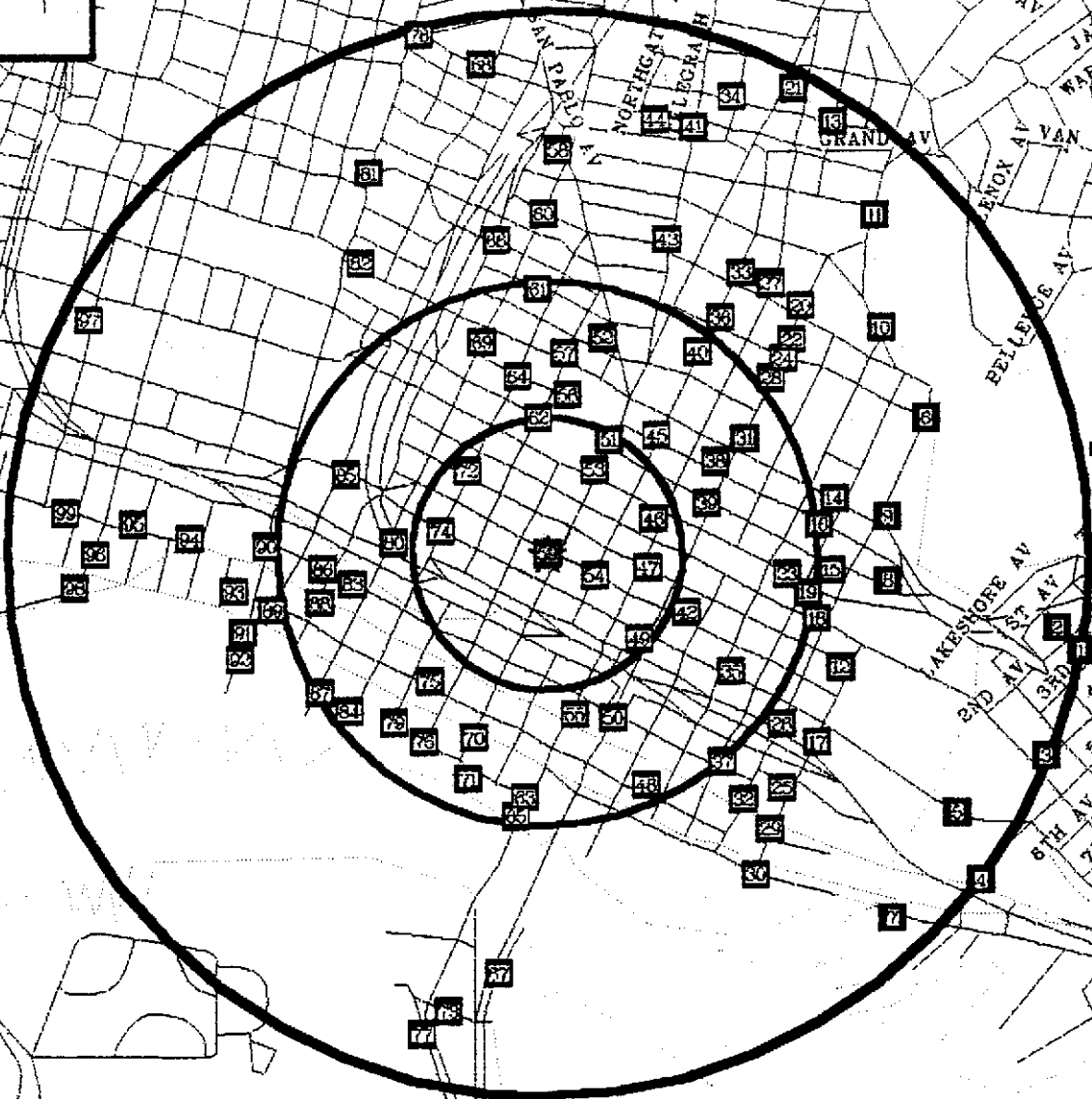
Please remember that this report represents only a search of the specific government records listed in the table of contents. Vista is aware of additional government record sources that have not been included in this report and Vista makes no representations of adequacy for Client's purposes. Please be aware that government environmental records often have incomplete or inaccurate locations and that all reports reflect locations of street addresses and do not necessarily indicate the size or specific location of any site. In addition, please recognize that government agencies do not list all sites of environmental contamination. Therefore, this report should not be used as a substitute for a complete Phase I Assessment.

This report is intended only for the use and benefit of the Client, and their assigns, who shall be the only parties authorized to review this report. This report is provided pursuant to a subscription agreement with Vista Environmental Information, Inc., and is subject to all of the terms and conditions thereof, SPECIFICALLY INCLUDING, BUT NOT LIMITED TO, PROVISIONS REGARDING CLIENTS USE AND LIMITATIONS OF VISTA ENVIRONMENTAL INFORMATION, INC.'S LIABILITY. We appreciate your patronage.

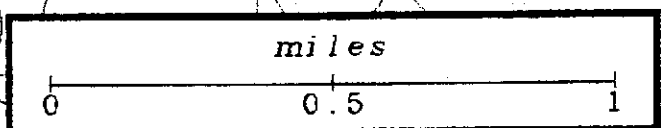
California Radius Detailed Report



-  Subject Property
-  Multiple
-  Single
-  Government Listed Sites
-  Railroads
-  Surface hydrology



Shell



LIST OF RECORDS SEARCHED

This report represents a search of the following government database sources:

<u>DATABASE</u>	<u>TYPE OF RECORDS</u>	<u>AGENCY</u>
<i>CERCLIS</i>	: Contaminated Sites Under CERCLA (1980)	U.S. EPA
<i>NPL</i>	: Federal Superfund Sites	U.S. EPA
<i>LIENS</i>	: Filed Notices of Superfund Liens	U.S. EPA
<i>CORTESE</i>	: Hazardous Waste & Substances Site List	CAL-EPA
<i>CAL-SITES/ AWP</i>	: Contaminated sites listed on the Annual Work Plan, and cleanup sites under the Bond Expenditure Plan	California EPA
<i>BZP</i>	: Sites designated as Border Zone Properties (Deed Restrictions)	California EPA
<i>CAL-SITES/ ASPIS</i>	: Actually or potentially contaminated sites under the Abandoned Site Program	California EPA
<i>HWIS</i>	: Hazardous Waste Generators, Treatment, Storage & Disposal Facilities	California EPA
<i>SWIS</i>	: Active & Inactive Sanitary Landfills and Disposal Facilities	California Waste Management Board
<i>LUST</i>	: Leaking Underground Storage Tanks	California Regional Water Resources Control Boards

Due to the scale of the map, red and green squares on the map may represent more than one agency listing or location. For a detailed description of each source, please refer to the legends on the following pages.

For more information please call your VISTA account representative at (619) 450-6100.

CERCLIS

The information presented in this report is updated to November, 1992.

Since 1982, U.S. EPA has developed and maintained lists of contaminated properties under the federal Superfund program pursuant to the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA), 42 U.S.C. Section 9601 (1985). U.S. EPA discovers these sites from citizen reports, routine inspection of hazardous waste generators, treatment, storage and disposal facilities, and reporting requirements.

MAP ID NO.	SITE NAME STREET ADDRESS, CITY and ZIP	EVENT * TYPES	EPA ID, REGIONAL UTILITY DESCRIPTION *
30	54 EMBARCADERO FALLON ST & EMBARCADERO DR OAKLAND 94606	DS1 PA1-N	CAD982401580 NEW CERCLIS SITE
73	OAKLAND NAVAL SUPPLY CTR/ALAMEDA FAC 2155 MARINER SQUARE LOOP ALAMEDA 94501	DS1 PA1 SI1	CA1170090012 N/A
76	PG&E GAS PLANT OAKLAND 601 2A FIRST & WASHINGTON OAKLAND 94607	DS1 PA1-N	CAD981416191 NEW CERCLIS SITE PG & E GAS PLANT SITE
85	FRANCIS PLATING OF OAKLAND INC 785 7TH ST OAKLAND 94607	DS1 PA1	CAD009206160 N/A
90	SAFETY- KLEEN CORP 7-178-01 404 MARKET ST OAKLAND 94607	N/A	CAD053044053 N/A
95	NOR-CAL METAL FABRICATORS 1121 3RD ST OAKLAND 94607	DS1 PA1-N	CAD009148669 MIXED MUNICIPAL WASTE OTHER: METAL FABRICATING SHOP SOLVENTS OTHER: PAINTS RCRA REGULATED: GENERATOR SEE NOTIFICATI NOTIS 103(C) SITE
98	SHEREX CHEM CO 1401 MIDDLE HARBOR RD OAKLAND 94607	DS1 PA1-N	CAD990788168 NEW CERCLIS SITE RCRA REGULATED GENERATOR

See key on last page for definition

NATIONAL PRIORITY LIST (NPL)

The information presented in this report is updated to October, 1992.

U.S. EPA maintains this list under the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) 42 U.S.C. Section 9601 (1985). Once sites have been designated on the CERCLIS List, U.S. EPA uses its Hazard Ranking System (HRS) to determine potential risks to human health and the environment. Only those CERCLIS sites which present the greatest risk are added to the NPL, which qualifies the sites to receive CERCLA remedial funding.

MAP ID NO.	SITE NAME, STREET ADDRESS, CITY and ZIP	EPA ID, REGIONAL UTILITY DESCRIPTION*
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As of the date listed above, no sites listed in this database are located within a one mile radius of the subject property.

* See key on last page for definition

FEDERAL SUPERFUND LIENS (LIENS)

The information presented in this report is updated to September, 1991.

Under Section 107(L) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) 42 U.S.C. Section 9607 (1), US EPA has authority to file liens against real property to recover clean up, response, and any other expenditure made by US EPA under the CERCLA program. US EPA has prepared a listing of filed notices of Superfund liens which is updated quarterly. Because these liens are "statutory liens," they arise when the agency spends money on a site or when notification of potential liability is received by the owner of the property. EPA maintains that these liens can arise without filing, however, and they suggest checking CERCLIS sites for lien status.

MAP
ID

NO.	SITE NAME	LOCATION	DATE FILED	RELEASE DATE
-----	-----------	----------	------------	--------------

As of the date listed above, no sites listed in this database are located within a one mile radius of the subject property.

HAZARDOUS WASTE AND SUBSTANCES SITES LIST
CORTESE

The information presented in this report is updated to November, 1992.

The California Environmental Protection Agency (Cal-EPA) publishes a compilation of sites throughout the State of California. Under Government Code Section 65962.5, these sites are submitted to the Cal-EPA by the State Water Resources Control Board, the Integrated Waste Management Board, and the Department of Toxic Substances Control. The sites are extracted from the following databases:

A1025	Regulated Air Emissions at 10-25 tons/day.	IUR	Inventory Update Rule (Chemical Manufacturers)
AGT25	Regulated Air Emissions greater than 25 tons/day.	LTANK	Leaking Tank
ASPIS	Abandoned Sites Program Information System (included in CALSITES)	S1987 -	California TRIS
DTSCD	Department of Toxic Substance Control Docket	S1990	State Water Resources Control Board
FINDS	Facility Index System	SWRCB	Underground Tank
HWIS	Hazardous Waste Information System	UTANK	Waste Board - Leaking Facility (site has known migration)
		WB-LF	Waste Discharge System - Enforcement Action
		WDSE	

MAP ID NO.	SITE	LOCATION	CITY	ZIP	DATABASE	AGENCY ID
1	TIME OIL CO	255 14TH ST E	OAKLAND	N/A	LTANK	N/A
3	N/A	1033 4TH AVE	OAKLAND	N/A	LTANK	N/A
5	BART CORP YARD	540 7TH ST E	OAKLAND	96920	LTANK	N/A
9	KAISER CENTER INC	300 LAKESIDE DR	OAKLAND	94643	HWIS	N/A
9	KAISER ALUMINUM EUROPE INC	300 LAKESIDE DR	OAKLAND	94643	ASPIS	01330020
9	KAISER CEMENT AND GYPSUM	300 LAKESIDE DR	OAKLAND	94643	FINDS	CAD009108366
9	KAISER ALUMINUM AND CHEMICAL C	300 LAKESIDE DR	OAKLAND	94643	FINDS	CAD009161191
9	KAISER CENTER INC	300 LAKESIDE DR	OAKLAND	94643	HWIS	CAD981630114
10	REGILLUS CONDOMINIUMS	200 LAKESIDE DR	OAKLAND	94612	LTANK	N/A
11	LAKE MERRITT TOWERS II	2100 HARRISON ST	OAKLAND	94612	LTANK	N/A
13	THE TRIBUNE	2302 VALDEZ ST	OAKLAND	94612	LTANK	N/A
14	MOBIL	160 14TH ST	OAKLAND	N/A	LTANK	N/A
15	WESTERN UNION	125 12TH ST	OAKLAND	94607	LTANK	N/A
15	PACIFIC BELL	125 12TH ST	OAKLAND	94607	FINDS	CAD980881809

CORTESE continued...

MAP ID	NO. SITE	LOCATION	CITY	ZIP	DATABASE	AGENCY ID	
	16	ALCOPARK GARAGE	165 13TH ST	OAKLAND	94612	LTANK	N/A
	16	ALAMEDA COUNTY GARAGE	165 13TH ST	OAKLAND	94612	HWIS	CAD981413313
	17	LANEY COLLEGE	600 FALLON ST	OAKLAND	94606	LTANK	N/A
	21	NEGERBON AUTO CENTER	2345 BROADWAY	OAKLAND	N/A	HWIS	CAL000009647
	21	NEGHERBON LINCON MERCURY	2345 BROADWAY	OAKLAND	N/A	HWIS	CAL000013317
	25	BALCO PROPERTIES	55 4TH ST	OAKLAND	N/A	LTANK	N/A
	26	CHEVRON	609 OAK ST	OAKLAND	94607	HWIS	N/A
	26	CHEVRON STATION #94587	609 OAK ST	OAKLAND	94607	HWIS	CAL000030072
	27	PG&E	1919 WEBSTER ST	OAKLAND	94612	FINDS	N/A
	27	PG & E EAST BAY REGION	1919 WEBSTER ST	OAKLAND	94612	FINDS	CAD981692296
	28	CHEVRON	1633 HARRISON ST	OAKLAND	N/A	LTANK	N/A
	29	PEERLESS COFFEE	255 FALLON ST	OAKLAND	94612	LTANK	N/A
	31	HARRISON STREET GARAGE	1432 HARRISON ST	OAKLAND	94612	LTANK	N/A
	31	ROYS AUTO BODY	1432 HARRISON ST	OAKLAND	94612	HWIS	CAD982039125
	32	PENN PARTNERS	333 OAK ST	OAKLAND	94612	LTANK	N/A
	33	KAISER REGIONAL PARKING	1901 FRANKLIN ST	OAKLAND	94612	LTANK	N/A
	37	LAKESIDE NON-FERROUS	412 MADISON ST	OAKLAND	94607	ASPIS	01350115
	37	LAKESIDE NON-FERROUS METALS CO	412 MADISON ST	OAKLAND	94607	FINDS	CAD028797561
	38	CHEVRON	301 14TH ST	OAKLAND	94612	HWIS	N/A
	38	CHEVRON STATION #94816	301 14TH ST	OAKLAND	94612	HWIS	CAL000041709
	41	DAVE'S COMPLETE AUTO SERVICE	2250 TELEGRAPH AVE	OAKLAND	94602	HWIS	N/A
	41	TEXACO	2225 TELEGRAPH	OAKLAND	91802	LTANK	N/A
	41	TEXACO/EXXON	2225 TELEGRAPH	OAKLAND	91802	LTANK	16114
	41	TONY'S BEACON STATION	2250 TELEGRAPH AVE	OAKLAND	94602	UTANK	48B62
	41	UNOCAL SVC STA #1110	2250 TELEGRAPH AVE	OAKLAND	94602	HWIS	CAD982055303

CORTESE continued...

MAP

ID

NO.	SITE	LOCATION	CITY	ZIP	DATABASE	AGENCY ID
41	DAVES COMPLETE AUTO SERVICE	2250 TELEGRAPH AVE	OAKLAND	94602	HWIS	CAL000008472
41	DAVES COMPLETE AUTO	2250 TELEGRAPH AVE	OAKLAND	94602	HWIS	CAL000021281
41	TELEGRAPH AUTO REPAIR	2225 TELEGRAPH	OAKLAND	91802	HWIS	CAL000021311
41	EXXON COMPANY USA #70235	2225 TELEGRAPH	OAKLAND	91802	HWIS	CAL000028841
41	DAVE'S COMPLETE AUTO SVC	2250 TELEGRAPH AVE	OAKLAND	94602	HWIS	CAL000064428
42	FIRE STATION #12	822 ALICE ST	OAKLAND	94607	LTANK	N/A
42	UNOCAL	800 HARRISON ST	OAKLAND	94607	LTANK	N/A
42	UNOCAL SVC STA # 0752	800 HARRISON ST	OAKLAND	94607	HWIS	CAD982054280
43	CHEVRON	1911 TELEGRAPH AVE	OAKLAND	95050	LTANK	N/A
46	CHINATOWN REDEVELOPMENT PROJ.	11 WEBSTER	OAKLAND	N/A	LTANK	N/A
48	EAST BAY PACKING CO	208 JACKSON ST	OAKLAND	94607	LTANK	N/A
48	MILLER PACKING	206 2ND ST	OAKLAND	95607	LTANK	N/A
49	OAKLAND AUTO PARTS & TIRES	708 HARRISON ST	OAKLAND	94612	LTANK	N/A
50	PE O'HAIR & CO.	309 4TH ST	OAKLAND	94607	LTANK	N/A
52	OAKLAND CITY HALL	1 CITY HALL PLAZA	OAKLAND	94612	LTANK	N/A
53	BRAMALEA PACIFIC	1111 BROADWAY	OAKLAND	94607	LTANK	N/A
54	ALEX SHAW & ASSOCIATES	800 FRANKLIN	OAKLAND	N/A	LTANK	N/A
55	CITY'S AUTO REPAIR	330 WEBSTER ST	OAKLAND	94607	LTANK	N/A
56	FIVE CITY CENTER	1300 CLAY ST	OAKLAND	N/A	LTANK	N/A
56	OAKLAND FEDERAL BUILDING	1305 CLAY ST	OAKLAND	94612	LTANK	N/A
57	CITY OF OAKLAND	1417 CLAY ST	OAKLAND	N/A	LTANK	N/A
58	GREYHOUND BUS LINES TERMINAL	2103 SAN PABLO	OAKLAND	N/A	LTANK	N/A
59	SHELL	461 8TH ST	OAKLAND	N/A	LTANK	N/A
60	BUDS BODY SHOP	1900 MARTIN LUTHER KING WAY	BERKELEY	00009	HWIS	CAD073948592

CORTESE continued...

MAP ID NO.	SITE	LOCATION	CITY	ZIP	DATABASE	AGENCY ID
61	BLUE PRINT SERVICE CO.	1700 JEFFERSON ST	OAKLAND	N/A	LTANK	N/A
61	OAKLAND COMMUNITY DEVELOPMENT	690 15TH ST	OAKLAND	94612	LTANK	N/A
61	BLUE PRINT SERVICE COMPANY	1700 JEFFERSON ST	OAKLAND	N/A	LTANK	21196
65	PACIFIC RENAISSANCE PLAZA	9 WEBSTER ST	OAKLAND	94612	LTANK	N/A
68	CHEVRON	850 GRAND AVE W	OAKLAND	N/A	LTANK	N/A
68	FYNE PROPERTY	774 GRAND AVE W	OAKLAND	94612	LTANK	N/A
68	91853	850 GRAND AVE W	OAKLAND	N/A	UTANK	62153
69	OAKLAND REDEVELOPMENT AGENCY	1330 MARTIN LUTHER KING JR WAY WAY	OAKLAND	94612	LTANK	N/A
72	BRAMALEA USA INC	901-999 JEFFERSON ST	OAKLAND	94607	LTANK	N/A
73	ALAMEDA ANNEX NAVAL SUPPLY CEN	2155 MARINER SQUARE LOOP	ALAMEDA	94501	ASPIS	01970007
73	NAVAL SUPPLY CTR OAKLAND-ALAME	2155 MARINER SQUARE LOOP	ALAMEDA	94501	ASPIS	CA1170090012
73	USNAVY DPDO ALAMEDA OAKLAND	2155 MARINER SQUARE LOOP	ALAMEDA	94501	ASPIS	CA1170090012
75	UNION MACHINE WORKS	534 2ND ST	OAKLAND	94607	LTANK	N/A
78	ARCO	889 GRAND AVE W	OAKLAND	94607	LTANK	N/A
78	FALCON ENTERPRISES INC	889 GRAND AVE W	OAKLAND	94607	UTANK	27038
79	BRAMALEA PACIFIC	12 CLAY	OAKLAND	N/A	LTANK	N/A
80	PG&E POWER PLANT	510 MARTIN LUTHER KING	OAKLAND	N/A	LTANK	N/A
80	TEXACO SERVICE STATION	424 MARTIN LUTHER BLVD	OAKLAND	94520	HWIS	CAD982465015
80	GROVES AUTO RPR	424 MARTIN LUTHER BLVD	OAKLAND	94520	HWIS	CAL000062115
83	GUARANTEE FORKLIFT	699 4TH ST	OAKLAND	94807	FINDS	N/A
83	GUARANTEE FORKLIFT INC	699 4TH ST	OAKLAND	94807	FINDS	CAD982448670
83	GUARANTEE FORKLIFT INCORPORATE	699 4TH ST	OAKLAND	94807	FINDS	CAD982488706

CORTESE continued...

MAP

ID

NO.	SITE	LOCATION	CITY	ZIP	DATABASE	AGENCY ID
83	GUARANTEE FORKLIFT INC	699 4TH ST	OAKLAND	94807	FINDS	CAL000035961
84	BRAMALEA PACIFIC	13 JEFFERSON ST	OAKLAND	N/A	LTANK	N/A
84	OAKLAND PARKING FACILITY	7 JEFFERSON ST	OAKLAND	N/A	LTANK	N/A
84	PARKING STRUCTURE	7 JEFFERSON ST	OAKLAND	N/A	LTANK	27244
85	GREYHOUND	7 BUSH	OAKLAND	N/A	LTANK	N/A
90	MARINE TERMINALS CORP	333 MARKET ST	OAKLAND	94607	LTANK	N/A
90	SAFETY-KLEEN CORP.	404 MARKET ST	OAKLAND	94607	DTSCD	N/A
90	SAFETY KLEEN CORP 7 178 01	404 MARKET ST	OAKLAND	94607	DTSCD	CAD053044053
90	SAFETY-KLEEN CORP (7-178-01)	404 MARKET ST	OAKLAND	94607	DTSCD	CAD053044053
90	SAFETY-KLEEN ROHNERT PARK	404 MARKET ST	OAKLAND	94607	DTSCD	CAD053044053
94	EAST BAY FORD TRUCK	333 FILBERT	OAKLAND	N/A	LTANK	N/A
94	JOHNSTON & SONS	801 3RD AVE	OAKLAND	N/A	LTANK	N/A
95	ARATEX SERVICES	330 CHESTNUT	OAKLAND	94607	HWIS	N/A
95	WORK WEAR CORPORATION	330 CHESTNUT	OAKLAND	94607	ASPIS	01720014
95	ARATEX SERVICES INC	330 CHESTNUT	OAKLAND	94607	HWIS	CAD980814248
97	CITY OF OAKLAND HOUSING AUTH	935 UNION ST	OAKLAND	94612	LTANK	N/A
98	PORT OF OAKLAND/APL CONTAINER	1395 MIDDLE HARBOR RD	OAKLAND	94607	LTANK	N/A
98	SHEREX CHEMICAL COMPANY (MIDDL	1401 MIDDLE HARBOR RD	OAKLAND	94607	ASPIS	01730096
98	SHEREX CHEMICAL COMPANY INC.	1401 MIDDLE HARBOR RD	OAKLAND	94607	FINDS	59372
98	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	94607	HWIS	59973
98	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	94607	HWIS	CAD980674188
98	SHEREX CHEMICAL COMPANY INC	1401 MIDDLE HARBOR RD	OAKLAND	94607	FINDS	CAD990788168
98	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	94607	HWIS	CAL000036593

CAL-SITES (AWP)

The information presented in this report is updated to September, 1992.

The Annual Work Plan (AWP) contains a listing of all verified hazardous waste sites that are or will be targeted for abatement by the California Environmental Protection Agency under the Hazardous Substance Cleanup Bond Act of 1984 (Health and Safety Code Section 25356) and the Hazardous Substance Account (HSA). Hazardous waste sites may be discovered by the department directly or referred to the department for confirmation and follow up action by another government agency, such as a local health department, a Regional Water Quality Control Board, a responsible party or a concerned citizen. New sites are added to this database as they are verified and the "Preliminary Assessment, Site Investigation and Hazard Ranking System" processes are completed. This database is updated once annually after approval of the California state legislature and has been incorporated into the CAL-SITES database.

This database currently contains a list of approximately 450 sites in the State of California.

MAP ID NO	SITE NAME	STREET ADDRESS	CITY	ZIP	SITE INFORMATION*
73	ALAMEDA ANNEX NAVAL SUPPLY CENTER	2155 MARINER SQUARE LOOP	ALAMEDA	94501	See following page(s).

BORDER ZONE PROPERTY ACT SITES
(DEED RESTRICTIONS)

The information provided in this report is updated to September, 1992.

In accordance with Assembly Bill 816, and the Hazardous Waste Property/Border Zone Property Law (Health & Safety Code 25220), the CAL-EPA, Toxic Substances Control Program (TSCP), enters into voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste". Restrictions may include "activities on, over, or under the land, including, but not limited to, a prohibition against building, filling, grading, excavating, or mining" without the written permission of the TSCP.

This bill requires the TSCP to "notify the planning and building departments of each city, county, or regional council of governments when a land use restriction has been recorded, and would require the planning and building department to enforce the restriction," although the TSCP has compiled a list of properties subject to environmental deed restrictions which is used to notify various building and planning departments in local jurisdictions.

MAP ID NO.	SITE NAME	ADDRESS	CITY	ZIP
51	CLOROX COMPANY	1221 BROADWAY	OAKLAND	94612

CAL-SITES (ASPIS)

The information presented in this report is updated to September, 1992.

Developed under Section 25359.6 of the Health and Safety Code, the California EPA Toxic Substance Control Program (TSCP) maintains a listing of potential and known hazardous waste sites. TSCP staff have interviewed officials from county health agencies, local fire departments, county agricultural commissioners, and other local agencies that could reasonably be expected to have information regarding potential waste sites. The Regional Water Quality Control Boards, Department of Fish and Game and other state environmental regulatory agencies' TSCP staffs also review historical land use data sources to generate lists of potentially contaminated sites.

This database was formerly known as the Abandoned Site Program Information System, but was integrated into the CAL-SITES database in 1991. Information concerning most of these sites should be considered preliminary although most confirmed sites from this database are merged into the AWP once they have been hazard ranked. This database currently contains more than 26,000 sites in the State of California.

MAP ID NO.	FACILITY NAME	LOCATION	CITY	ZIP	FACILITY NO.	STATUS CODE*
2	MARSHALL STEEL INC	161 EAST 14TH STREET	OAKLAND	94606	01720093	NFA
7	CAPITOL SUPPLY COMPANY	351 EMBARCADERO	OAKLAND	94607	01500086	NFA
9	KAISER ALUMINUM EUROPE INC	300 LAKESIDE DRIVE	OAKLAND	94610	01330020	NFA
12	BEARING SERVICE INC	52 9TH	OAKLAND	94607	01500038	NFA
23	BENDELL AND COMPANY	176 11TH	OAKLAND	94607	01340031	NFA
26	TRANS-BOX SYSTEMS	635 OAK, BLDG L (INTERNATIONAL AIRPO	OAKLAND	94616	01420065	NFA
33	C & G DENTAL X-RAY	1904 FRANKLIN STREET, #802	OAKLAND	94612	01800009	NFA
36	EAST BAY BLUEPRINT SUPPLY COMPANY	1742 FRANKLIN	OAKLAND	94612	01730054	NFA
37	LAKESIDE NON-FERROUS METALS CORP	412 MADISON STREET	OAKLAND	94607	01350115	PEARM
38	LAXAS SEWING COMPANY	337 13TH STREET	OAKLAND	94612	01390017	NFA

* See "Key to Terms" on last page of report for definition

CAL-SITES (ASPIS) continued...

MAP ID NO.	FACILITY NAME	LOCATION	CITY	ZIP	FACILITY NO.	STATUS CODE*
38	BARNDOLLAR LETTER SERVICE	325 13TH STREET	OAKLAND	94601	01730045	NFA
45	ART WEEKS INC	1305 FRANKLIN STREET	OAKLAND	94612	01270004	NFA
46	CHINATOWN REDEVELOPMENT - OAKLAND	BOUNDED BY 11TH, 10TH, WEBSTER & FRAN	OAKLAND	94601	01490015	CNTY
47	EAST BAY MACHINE	333 9TH STREET	OAKLAND	94607	01350008	NFA
48	STANDARD CHEMICAL COMPANY	236 2ND STREET	OAKLAND	94607	01280054	NFA
48	STONE CANDLES INC	217 ALICE STREET	OAKLAND	94607	01390006	NFA
49	MINERS & PISANI	330 6TH STREET	OAKLAND	94607	01500028	NFA
50	ALLIED PAPER COMPANY	283 4TH STREET	OAKLAND	94607	01260018	NFA
61	CHAMPION COMPANY, THE	610 16TH STREET	OAKLAND	94612	01500026	NFA
63	NEPTUNE SOCIETY	77 JACK LONDON SQUARE	OAKLAND	94607	01720092	NFA
67	BALLENA BAY TRADING COMPANY	2415 MARINER SQUARE	ALAMEDA	94501	01390007	NFA
68	BATTE RESOURCES INTERNATIONAL	1221 BROADWAY	OAKLAND	94612	01130001	NFA
68	WHITEY'S WELDING & STEEL FABRICATION	830 22ND STREET	OAKLAND	94607	01340072	NFA
68	MILLER PHOTO SCREEN SERVICE	2578 WEST STREET	OAKLAND	94612	01350072	NFA
68	JOHN FREITAS UPHOLSTERING	807 WEST GRAND AVENUE	OAKLAND	94607	01760008	NFA
73	ALAMEDA ANNEX NAVAL SUPPLY CENTER	2155 MARINER SQUARE LOOP	ALAMEDA	94501	01970007	AWP
75	CUTTER LUMBER PRODUCTS	526 2ND STREET	OAKLAND	94607	01520002	NFA
82	OAKLAND GRAPHICS	864 14TH STREET	OAKLAND	94612	01730016	NFA
83	OIL SPILL CONTAINMENT CORPORATION	4TH & GROVE	OAKLAND	94607	01310003	NFA
83	CLASSIC ILLUMINATION, THE	431 GROVE STREET	OAKLAND	94609	01360023	NFA
88	BAY AREA OIL COMPANY	300 CASTRO STREET	OAKLAND	94607	01290014	NFA

* See "Key to Terms" on last page of report for definition

CAL-SITES (ASPIS) continued...

MAP ID NO.	FACILITY NAME	LOCATION	CITY	ZIP	FACILITY NO.	STATUS CODE*
89	ADAMS DELIVERY SERVICE	114 BUSH STREET	OAKLAND	94607	01420031	NFA
89	BEDFORD PROPERTY SITE	54 EMBARCADERO STREET	OAKLAND	94606	01500104	PEARM
91	TODD DIE COMPANY	95 MARKET STREET, G-5	OAKLAND	94607	01350077	NFA
91	WEST TRANSPORTATION INC	95 MARKET STREET	OAKLAND	94607	01420101	NFA
94	SUNSET TRADING COMPANY	568 3RD STREET	OAKLAND	94607	01500079	NFA
95	NOR-CAL METAL FABRICATORS	1121 3RD STREET	OAKLAND	94607	01370026	NFA
95	WORK WEAR CORPORATION	330 CHESTNUT STREET	OAKLAND	94607	01720014	NFA
96	SKIPS TRUCKING COMPANY	112 ADELINE STREET	OAKLAND	94607	01420090	NFA
98	SHEREX CHEMICAL COMPANY (MIDDLE HARB	1401 MIDDLE HARBOR ROAD	OAKLAND	94607	01730096	PEARL

* See "Key to Terms" on last page of report for definition

HAZARDOUS WASTE INFORMATION SYSTEMS (HWIS)

The information presented in this report is updated to September, 1992.

The California Department of Health Services, Toxic Substances Control Division, has developed and maintained lists of hazardous waste generators and hazardous waste treatment storage and disposal facilities in the State of California, pursuant to the Hazardous Waste Control Law (Health and Safety Code Section 25100 et seq.), and the Hazardous Waste Management Act of 1976 (Health and Safety Code Section 25179.1 et seq.). In addition, this law requires all counties to prepare and submit hazardous waste management plans. To assist the counties, the Toxic Substances Control Division maintains lists containing generation and disposal data within each county. This information has been assembled by the Toxic Substances Control Division from manifest reports required from hazardous waste generators. This database currently lists over 20,000 sites in the state of California.

MAP ID NO.	EPA NO.	FACILITY NAME	ADDRESS	CITY	GEN/TSD*
7	CAD103451035	PACIFIC DRYDOCK & REPAIR COMPANY	321 EMBARCADERO	OAKLAND	GEN
8	CAD982469389	ALAMEDA COURTHOUSE COUNTY OF	1225 FALLON ST	OAKLAND	GEN
9	CAD981630114	KAISER CENTER INC	300 LAKESIDE DR	OAKLAND	GEN
12	CAD982026098	LANEY COLLEGE	900 FALLON ST	OAKLAND	GEN
18	CAD028774792	GED V ARTH AND SON	110 TENTH STREET	OAKLAND	GEN
19	CAD028813178	OAKLAND AUTO BODY	149 11TH STREET	OAKLAND	GEN
20	CAD071685606	WORLD SAVINGS & LOAN	1901 HARRISON ST	OAKLAND	GEN
21	CAD982003279	FOREIGN BODY SHOP	2350 WEBSTER ST	OAKLAND	GEN
22	CAL000040907	ICF KAISER ENGINEERS INC	1800 HARRISON STREET	OAKLAND	GEN
24	CAL000041716	CHEVRON STATION #90020	17TH & HARRISON	OAKLAND	GEN
26	CAL000030072	CHEVRON STATION #94587	609 OAK STREET	OAKLAND	GEN
31	CAD982039125	ROYS AUTO BODY	1432 HARRISON ST	OAKLAND	GEN
33	CAD982010910	KAISER FNDN HLTH PLAN OFC BLDG	1950 FRANKLIN ST	OAKLAND	GEN
34	CAD981375272	HANZEL AUTO BODY WORKS	456 23RD ST	OAKLAND	GEN
35	CAL000031767	IV MIEN AUTOBODY REPAIR	186 7TH ST	OAKLAND	GEN

* See "Key to Terms" on last page of report for definition

HWIS continued...

MAP ID NO.	EPA NO.	FACILITY NAME	ADDRESS	CITY	GEN/TSD*
38	CAL000041709	CHEVRON STATION #94816	301 14TH STREET	OAKLAND	GEN
39	CAD006909907	COCHRAN & CELLI	301 12TH ST	OAKLAND	GEN
40	CAT080015449	PACIFIC TELEPHONE AND TELEGRAPH CO	1587 FRANKLIN STREET	OAKLAND	GEN
41	CAL000028841	EXXON COMPANY USA #70235	2225 TELEGRAPH	OAKLAND	GEN
42	CAD982054280	UNOCAL SVC STA # 0752	800 HARRISON ST	OAKLAND	GEN
43	CAL000013447	EMPO CAP GOODYEAR AUTO SERVICE	1901 TELEGRAPH AVENUE	OAKLAND	GEN
44	CAD981372428	MIRACLE AUTO PAINTING	575 W GRAND AVE	OAKLAND	GEN
56	CAD981396963	OAKLAND TRIBUNE INC	409 13TH ST	OAKLAND	GEN
60	CAD073946592	BUDS BODY SHOP	1900 MARTIN LUTHER KING JR WAY	OAKLAND	GEN
66	CAL000032281	CHEVRON STATION #94800	1700 CASTRO STREET	OAKLAND	GEN
68	CAL000041779	CHEVRON STATION #91853	850 W GRAND AVE	OAKLAND	GEN
70	CAD004275665	K T V U - TV	2 JACK LONDON SQUARE	OAKLAND	GEN
73	CA1170090012	NAVAL SUPPLY CTR OAKLAND-ALAMEDA FAC	2155 MARINER SQUARE LOOP	ALAMEDA	GEN
73	CA1170090012	NAVAL SUPPLY CTR OAKLAND-ALAMEDA FAC	2155 MARINER SQUARE LOOP	ALAMEDA	TSD
77	CAD981368848	OMS #33	2295 MARINER SQUARE LOOP	ALAMEDA	GEN
78	CAL000009867	ARCO PRODUCTS FACILITY 2169	889 W GRAND AVENUE	OAKLAND	GEN
81	CAD028772457	A&H TRUCK REPAIR	1825 MARKET ST	OAKLAND	GEN
83	CAD982486706	GUARANTEE FORKLIFT INC	699 4TH ST	OAKLAND	GEN
86	CAD009200031	E-D COAT INC	715-21 FOURTH ST	OAKLAND	GEN
87	CAT080011679	PG&E/OAKLAND POWER PLANT	50 GROVE ST	OAKLAND	GEN
89	CAL000015571	PORT OF OAKLAND	209 BRUSH STREET	OAKLAND	GEN
90	CAD053044053	SAFETY-KLEEN CORP (7-178-01)	404 MARKET ST	OAKLAND	GEN

* See "Key to Terms" on last page of report for definition

HWIS continued...

MAP ID EPA NO. NO.	FACILITY NAME	ADDRESS	CITY	GEN/TSD*
90 CAD053044053	SAFETY-KLEEN CORP (7-178-01)	404 MARKET ST	OAKLAND	TSD
92 CAD981370117	PG & E GAS LOAD CTR	50 MARKET ST	OAKLAND	GEN
93 CAD076560507	MOALS BODY SHOP INC	937 E 2TH STREET	OAKLAND	GEN
94 CAD981443245	EAST BAY FORD TRUCK	333 FIBERT ST	OAKLAND	GEN
95 CAD980814248	ARATEX SERVICES INC	330 CHESTNUT STREET	OAKLAND	GEN
98 CAD980674188	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	GEN
99 CAL000023364	OAKLAND TRIBUNE INC	1221 3RD STREET	OAKLAND	GEN

* See "Key to Terms" on last page of report for definition

SOLID WASTE INFORMATION SYSTEM (SWIS)

The information presented in this report is updated to January, 1992.

The California Integrated Waste Management Board maintains an inventory list of both open as well as closed and inactive solid waste disposal facilities and transfer stations pursuant to the Solid Waste Management and Resource Recovery Act of 1972, Government Code Section 2.66790(b). Generally, the California Integrated Waste Management Board learns of locations of disposal facilities through permit applications and from local enforcement agencies. Since 1977, the SWIS system has grown to track over 1000 solid waste disposal facilities and transfer stations in the State of California.

MAP ID	SWIS NO. ID	FACILITY NAME	ADDRESS	CITY	OPERATIONAL STATUS	WASTE RECEIVED	TONS/DAY
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As of the date listed above, no sites listed in this database are located within a one mile radius of the subject property.

See "Key to Terms" on last page of report for definition

LEAKING UNDERGROUND STORAGE TANKS (LUST)

The information presented in this report is updated to:

Region 1 - October 1992: North Coast

Region 6 - November 1992 : Lahontan Area

Region 2 - January 1993: San Francisco Bay Area

Region 7 - October 1992 : Colorado River Basin

Region 3 - December 1992 : Central Coast

Region 8 - October 1992: Santa Ana Area

Region 4 - January 1993 : Greater Los Angeles Area

Region 9 - November 1992 : Greater San Diego Area

Region 5 - October 1992 : Central Valley

The California State Water Resources Control Board, in cooperation with the Office of Emergency Services, compiles lists of all leaks of hazardous substances from underground storage tanks in the State of California pursuant to Section 25295 (b) of the Health and Safety Code. The nine regional boards maintain information on all reported leak cases within their jurisdiction, both for those where the regional board and where other local agencies take the lead in overseeing investigations and remedial actions. Although the data reported here represents sites where at least one leak is known to have occurred, it is not uncommon for more than one tank to have leaked at a given site or cleanup case. The total number of cases reported statewide is over 5,900.

MAP ID NO.	FACILITY	ADDRESS	CITY	ZIP	SUBSTANCE*	GALLONS LOST	CASE TYPE*	STATUS*	REMEDIAL ACTION CODE*
1	TIME OIL CO	255 14TH ST E	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
4	PORT OF OAKLAND	251 5TH AVE	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
5	BART CORP YARD	540 7TH ST E	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
6	LAKE POINT TOWERS LTD	17TH & LAKESIDE DR	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
9	KAISER CENTER INC	300 LAKESIDE DR	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
10	REGILLUS CONDOMINIUMS	200 LAKESIDE DR	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
11	LAKE MERRITT TOWERS II	2100 HARRISON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
13	THE TRIBUNE	2302 VALDEZ ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
14	MOBIL	160 14TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
15	WESTERN UNION	125 12TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
16	ALCOPARK GARAGE	165 13TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
17	LANEY COLLEGE	600 FALLON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
21	NEGHERBOW LINCOLN MERCURY	2345 BROADWAY	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A

* See "Key to Terms" on last page of report for definition

LUST continued...

MAP ID NO.	FACILITY	ADDRESS	CITY	ZIP	SUBSTANCE	GALLONS LOST	CASE* TYPE	STATUS*	REMEDIAL ACTION CODE
25	BALCO PROPERTIES	55 4TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
26	CHEVRON	609 OAK ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
27	PG&E	1919 WEBSTER ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
28	CHEVRON	1633 HARRISON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
29	PEERLESS COFFEE	255 FALLON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
31	HARRISON STREET GARAGE	1432 HARRISON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
32	PENN PARTNERS	333 OAK ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
33	KAISER REGIONAL PARKING	1901 FRANKLIN ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
38	CHEVRON	301 14TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
41	DAVE'S COMPLETE AUTO SERVICE	2250 TELEGRAPH AVE	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
41	TEXACO/EXXON	2225 TELEGRAPH AVE	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
42	EXXON	250 8TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
42	FIRE STATION #12	822 ALICE ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
42	UNOCAL	800 HARRISON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
43	CHEVRON	1911 TELEGRAPH AVE	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
46	CHINATOWN REDEVELOPMENT PROJ.	11TH & WEBSTER	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
47	PACIFIC RENAISSANCE PLAZA	9TH & WEBSTER	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
48	EAST BAY PACKING CO	208 JACKSON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
48	MILLER PACKING	206 2ND ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
49	OAKLAND AUTO PARTS & TIRES	706 HARRISON ST.	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
50	PE O'HAIR & CO.	309 4TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
52	OAKLAND CITY HALL	1 CITY HALL PLAZA	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
53	BRAMALEA PACIFIC	1111 BROADWAY	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A

* See "Key to Terms" on last page of report for definition

LUST continued...

MAP ID NO.	FACILITY	ADDRESS	CITY	ZIP	SUBSTANCE	GALLONS LOST	CASE* TYPE	STATUS*	REMEDIAL ACTION CODE*
54	ALEX SHAW & ASSOCIATES	800 FRANKLIN ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
55	CITY'S AUTO REPAIR	330 WEBSTER ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
56	FIVE CITY CENTER	1300 CLAY ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
56	OAKLAND FEDERAL BUILDING	1305 CLAY ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
57	CITY OF OAKLAND	1417 CLAY ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
58	GREYHOUND BUS LINES TERMINAL	2103 SAN PABLO AVE	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
59	SHELL	461 8TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
61	BLUE PRINT SERVICE COMPANY	1700 JEFFERSON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
61	OAKLAND COMMUNITY DEVELOPMENT	690 15TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
62	BRAMALEA PACIFIC	12TH & CLAY	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
64	BRAMALEA PACIFIC	13TH & JEFFERSON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
68	CHEVRON	850 GRAND AVE W	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
68	FYNE PROPERTY	774 GRAND AVE W	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
68	MEADERS DRY CLEANING	800 GRAND AVE W	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
69	OAKLAND REDEVELOPMENT AGENCY	1330 MARTIN LUTHER KING	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
71	PORT OF OAKLAND	JACK LONDON SQUARE	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
72	BRAMALEA USA INC	901-999 JEFFERSON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
74	PARKING STRUCTURE	7TH & JEFFERSON ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
75	UNION MACHINE WORKS	534 2ND ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
78	ARCO	889 GRAND AVE W	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
80	OAKLAND POWER PLANT	50 MARTIN LUTHER KING	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A

See "Key to Terms" on last page of report for definition

LUST continued...

MAP ID NO.	FACILITY	ADDRESS	CITY	ZIP	SUBSTANCE	GALLONS LOST	CASE TYPE*	STATUS*	REMEDIAL ACTION CODE*
80	PG&E POWER PLANT	510 MARTIN LUTHER KING W	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
83	GUARANTEE FORKLIFT	699 4TH ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
83	TEXACO	424 MARTIN LUTHER KING	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
85	GREYHOUND	7TH & BUSH	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
90	MARINE TERMINALS CORP	333 MARKET ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
94	EAST BAY FORD TRUCK	333 FILBERT ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
94	JOHNSTON & SONS	801 3RD AVE	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
95	ARATEX SERVICES	330 CHESTNUT ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
95	NORCAL METAL FABRICATORS	1121 3RD ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
97	CITY OF OAKLAND HOUSING AUTH	935 UNION ST	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
98	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A
98	PORT OF OAKLAND/APL CONTAINER	1395 MIDDLE HARBOR RD	OAKLAND	N/A	N/A	N/A	N/A	N/A	N/A

* See "Key to Terms" on last page of report for definition

KEY TO TERMS/ABBREVIATIONS USED IN THIS REPORT:

N/A: An entry having "N/A" in a field indicates no information is available at this time.

CERCLIS:

* EVENT TYPE - Evaluation and disposition information:

AR = Administrative Record	NP = Proposal to NPL
AS = Aerial Survey	NR = Removed from Proposed NPL
CO = Combined RI/SI	OH = Other Event
CR = Remedial Community Relations	OM = Operations and Maintenance
CT = Community Relations Technical Assistance	OS = Oversight of State by Fund
DA = Design Assistance	PA = Preliminary Assessment
DS = Discovery	PD = Public Comments on Deletion Package
ED = Endangerment Assessment	PR = Planned Removal
EO = EDD	RA = Remedial Action
ER = Expedited Response Action	RC = Removal Community Relations
ES = Expanded Site Inspection	RD = Remedial Design
EV = Evacuation State/Local	RI = Remedial Investigation
FM = Forward Planning/Management Assistance	(Primarily for Historical Purposes)
FP = Forward Planning Activity	RM = RAMP -- Remedial Action Master Plan
(for Historical Purposes only)	(for Historical Purposes only)
FS = Feasibility Study	RD = ROD
(Primarily for Historical Purposes)	RS = Removal Investigation
GS = Geophysical Support/Mapping	RV = Removal Action
HA = Health Assessment	SE = Site Access
HR = Final Hazard Ranking Determined	SI = Site Inspection
IM = Initial Remedial Measure	TA = Technical Assistance
IR = Immediate Removal	TG = Community Relations Technical Assistance
LA = Long-Term Response	TO = Topographical Mapping
LR = Long-Term Response	TR = Temporary Relocation
MA = Management Assistance	UR = Underground Storage Tank Removal
NA = NAA	WP = RI/FS Workplan Approved by HQ
ND = NPL Deletion Process	Z_ = (For Internal Office Use only)
NF = Final Listing on NPL	

* EVENT QUALIFIER - Actual or anticipated actions and priorities:

C = Clean up.	M = Medium priority.
D = Deferred.	N = No further remedial action planned.
E = Administrative record compilation / remedial event.	S = Stabilization.
G = Recommended for HRS scoring.	U = Unknown.
H = Higher priority.	V = Administrative record compilation /
L = Lower priority.	removal event.

* REGIONAL UTILITY DESCRIPTION - Provides information developed by U.S. EPA's regional office about the nature of contamination at a specific site.

NPL:

* SITE DESCRIPTION - Provides a brief explanation of the contaminants and circumstances of a particular site.

AWP (FORMERLY BEP):

* **SITE INFORMATION** - Provides a brief description of the hazardous wastes on the site, the potential threat to public health and the status of the site.

CAL-SITES (FORMERLY ASPIS):

* **STATUS CODE** - Indicates the current status of a site and whether it is scheduled for further investigation by DHS Toxic Substances Control Division.

"AWP" "Annual Workplan" - in remediation.
"BKLG" "Backlog" - potential AWP site which has been hazard ranked but which is not on the annual workplan.
"CERT" "Certified" - has been remediated.
"CNTY" "County lead site" - not a candidate for the annual workplan and the local county has the lead.
"COM" "Certified Operation and Maintenance" - has been certified but is still in operation and maintenance.
"DLIST" "Delisted" - taken off the AWP usually for administrative reasons, for example: if several sites are consolidated, the old sites could be given this status.
"EPA" "EPA lead" - not on the NPL, yet EPA has assumed the lead.
"HRR" "Hazard Ranking Required" - has had a Preliminary Endangerment Assessment or equivalent evaluation and needs to be hazard ranked.
"NFA" "No Further Action" - based on the information available on the site's potential to threaten public health and/or the environment, DTSC staff have judged this site to require no further departmental action.
"OAL" "Other Agency Lead" - not on the AWP and has a lead agency other than the county, the RWQCB, EPA, or RCRA.
"PEARH" "Preliminary Endangerment Assessment Required, High priority" - judged by DTSC staff to have a high probability of posing a public health or environmental threat.
"PEARL" "Preliminary Endangerment Assessment Required, Low priority".
"PEARM" "Preliminary Endangerment Assessment Required, Medium priority".
"PRP" "Potential Responsible Party search required" - not on the AWP but needs a PRP search, after which would normally receive a ranking of AWP or BKLG.
"RCRA" "Resource Conservation and Recovery Act" lead - is being mitigated under the Permitting Program and has never been on the AWP or BEP.
"REFRC" "Referred to RCRA" - has been on the AWP or BEP in the past and is being mitigated under the lead of the permitting program.
"REFRW" "Referred to RWRQCB" - formerly on the AWP or BEP and is now being mitigated under the lead of the Regional Water Quality Control Board.
"RWQCB" "Referred to RWQCB" - has never been on the AWP or BEP; is being mitigated under the lead of the RWQCB.
"SSR" Site Screen Required. The site requires initial screening.

HWIS:

* GEN/TSD - Indicates whether the listed facility is a generator of hazardous waste or is a treatment, storage or disposal facility.

LUST:

*** SUBSTANCE CODES**

MOTOR OIL = 08	CUTTING OIL = 122	TCE = 79016
BOILER FUEL = 09	#5 FUEL OIL = 127	PSEUDODOCUMENE = 95636
#6 FUEL OIL = 10	CHLORINATED HYDROCARBONS = 142	XYLENE = 106423
HEATER FUEL = 12	FREON = 171	ETHYLENE DICHLORIDE = 107062
SOLVENTS = 13	ALCOHOL = 172	TOLUENE = 108883
HYDRAULIC OIL = 14	UNLEADED GASOLINE = 12031	TETRAHYDROFURAN = 109999
WASTE WATER = 32	REGULAR GASOLINE = 12032	PERCHLORETHYLENE = 127184
MINERAL SPIRITS = 41	PREMIUM GASOLINE = 12033	DINITROTOLUENES = 610399
PAINT THINNER = 49	DIESEL = 12034	NICKEL OXIDE = 1313991
OIL\GREASE WASTE = 51	WASTE OIL = 12035	PCB = 1336363
DRY CLEANING SOLVENT = 52	MISC. VEHICLE FUEL = 12036	LEAD = 7439921
WATER\WASTE OIL MIX = 61	CYANIDES, SALTS = 57125	NICKEL = 7440020
LUBRICATING OIL = 71	ETHYL ALCOLHOL = 64175	COPPER = 7440508
HYDROCARBONS = 76	ACETIC ACID = 64197	CRUDE OIL (HAZ.) = 8002059
COOLANT = 77	METHYL ALCOLHOL = 67561	GASOLINE = 8006619
ALIPHATIC HYDROCARBONS = 78	ISOPROPYL ALCOHOL = 67630	COAL TAR = 8007452
TRANSMISSION FLUID = 80	ACETONE = 67641	KEROSENE = 8008206
LACQUER THINNER = 84	BENZENE = 71432	STODDARD SOLVENTS = 8052413
NAPTHA DISTILLATE = 101	METHYLENE CHLORIDE = 75092	ASPHALT = 8052424
V,M&P NAPTHA = 116	METHYL ETHYL KETONES = 78933	POLYESTER RESIN = 25037665

*** CASE TYPE CODES**

D - One or more domestic or municipal supply wells have been contaminated.
G - Ground water has been affected.
S - Only soil has been affected.
U - The type of resources affected or extent of the resources affected are not known.

*** STATUS CODES**

- C Remedial action (cleanup) in progress.
- O No Action
No action has been taken by the responsible party after the initial report of the leak.
- 1 Leak Being Confirmed
A leak is suspected at a site, includes inspection of the excavation, and tank and appurtenant plumbing to determine existence of leak.
- 3A Preliminary Site Assessment Workplan Submitted
A workplan/proposal has been requested of, or submitted by, the responsible party in order to determine whether groundwater has been, or will be, impacted as a result of a release from any underground tanks or associated piping.
- 3B Preliminary Site Assessment Underway
Implementation of a workplan addressing the above described tasks.
- 5C Pollution Characterization
Responsible party is in the process of installing additional monitoring wells and/or borings in order to fully define the lateral and vertical extent of contamination in soil and ground water and assess the Hydrogeology of the area. This phase of work may also include performing aquifer tests, soil gas surveys, continued ground water gradient determinations and monitoring, assessing impacts of surface and/or ground water.
- 5R Remediation plan
A remediation plan has been submitted evaluating long term remediation options. A proposal and implementation schedule for an appropriate remediation option has also been submitted. This phase of work may also include preparing and submitting the necessary information for any permits needed prior to implementation of the plan (NPDES or WDR).
- 7 Remedial Action
Implementation of corrective action plan.
- 8 Post Remedial Action Monitoring
Periodic ground water or other monitoring at the site, as necessary, in order to verify and/or evaluate the effectiveness of remedial activities.
- 9 Case Closed
The Regional Board and the Local Agency are in concurrence that no further work is necessary at the site. (9L: Closed by county. 9R: Closed by RWQCB.)
- 10 Cease and Abate Order

*** REMEDIAL ACTION CODES**

- CB Containment Barrier -- install vertical dike to block horizontal movement of contaminant.
- CD Cap Site -- install horizontal impermeable layer to reduce rainfall infiltration.
- ED Excavate and Dispose -- remove contaminated soil and dispose in approved site.
- ET Excavate and Treat -- remove contaminated soil and treat (includes spreading or land farming).
- FP Remove Free Product -- remove floating product from water table.
- GT Pump and Treat Ground Water -- generally employed to remove dissolved contaminants.
- HU Treatment at Hookup -- install water treatment devices at each dwelling or other place of use.
- IT Enhanced Biodegradation -- use of any available technology to promote bacterial decomposition of contaminants.
- NA No Action Required -- incident is minor, requiring no remedial action.
- NT No Action Taken -- no indication that action was taken.
- RS Replace Supply -- provide alternative water supply to affected parties.
- UK Unknown -- action not known, or unknown if action taken.
- VE Vapor Extraction
- VS,VT Vent Soil -- bore holes in soil to allow volatilization of contaminants.

COUNTY:

- Class I Hazardous Materials Accepted (No Radioactivity)
- Class II Mixed Municipal rubbish
- Class III Solid waste (concrete) Type DB Debris Basin
- Class LV Large Volume transfer station Type LF Landfill
- Class SV Small Volume transfer station Type TS Transfer Station

NOTE: ALL DESIGNATIONS ARE SUBJECT TO CHANGE.

Index to Map Id Numbers

Map Id Nمبر	Agency Name	Site Name	Street Address	City	ZIP
1	CORTESE	TIME OIL CO	255 14TH ST E	OAKLAND	00000
1	LUST	TIME OIL CO	255 14TH ST E	OAKLAND	N/A
2	CASITES	MARSHALL STEEL INC	161 EAST 14TH STREET	OAKLAND	94606
3	CORTESE		1033 4TH AVE	OAKLAND	00000
4	LUST	PORT OF OAKLAND	251 5TH AVE	OAKLAND	N/A
5	CORTESE	BART CORP YARD	540 7TH ST E	OAKLAND	96920
5	LUST	BART CORP YARD	540 7TH ST E	OAKLAND	N/A
6	LUST	LAKE POINT TOWERS LTD	17TH & LAKESIDE DR	OAKLAND	N/A
7	CASITES	CAPITOL SUPPLY COMPANY	351 EMBARCADERO	OAKLAND	94607
7	HWIS	PACIFIC DRYDOCK & REPAIR COMPANY	321 EMBARCADERO	OAKLAND	N/A
8	HWIS	ALAMEDA COURTHOUSE COUNTY OF	1225 FALLON ST	OAKLAND	N/A
9	CORTESE	KAISER ALUMINUM EUROPE INC	300 LAKESIDE DR	OAKLAND	94643
9	CORTESE	KAISER CEMENT AND GYPSUM	300 LAKESIDE DR	OAKLAND	94643
9	CORTESE	KAISER CENTER INC	300 LAKESIDE DR	OAKLAND	94643
9	CORTESE	KAISER CENTER INC	300 LAKESIDE DR	OAKLAND	94643
9	HWIS	KAISER CENTER INC	300 LAKESIDE DR	OAKLAND	N/A
9	LUST	KAISER CENTER INC	300 LAKESIDE DR	OAKLAND	N/A
9	CASITES	KAISER ALUMINUM EUROPE INC	300 LAKESIDE DRIVE	OAKLAND	94610
9	CORTESE	KAISER ALUMINUM AND CHEMICAL C	300 LAKESIDE DR	OAKLAND	94643
10	CORTESE	REGILLUS CONDOMINIUMS	200 LAKESIDE DR	OAKLAND	94612
10	LUST	REGILLUS CONDOMINIUMS	200 LAKESIDE DR	OAKLAND	N/A
11	CORTESE	LAKE MERRITT TOWERS II	2100 HARRISON ST	OAKLAND	94612
11	LUST	LAKE MERRITT TOWERS II	2100 HARRISON ST	OAKLAND	N/A
12	HWIS	LANEY COLLEGE	900 FALLON ST	OAKLAND	N/A
12	CASITES	BEARING SERVICE INC	52 9TH	OAKLAND	94607
13	CORTESE	THE TRIBUNE	2302 VALDEZ ST	OAKLAND	94612
13	LUST	THE TRIBUNE	2302 VALDEZ ST	OAKLAND	N/A
14	CORTESE	MOBIL	160 14TH ST	OAKLAND	00000
14	LUST	MOBIL	160 14TH ST	OAKLAND	N/A
15	CORTESE	PACIFIC BELL	125 12TH ST	OAKLAND	94607
15	CORTESE	WESTERN UNION	125 12TH ST	OAKLAND	94607
15	LUST	WESTERN UNION	125 12TH ST	OAKLAND	N/A
16	CORTESE	ALAMEDA COUNTY GARAGE	165 13TH ST	OAKLAND	94612
16	CORTESE	ALCOPARK GARAGE	165 13TH ST	OAKLAND	94612

Index to Map Id Numbers

Map Id Nbr	Agency Name	Site Name	Street Address	City	ZIP
16	LUST	ALCOPARK GARAGE	165 13TH ST	OAKLAND	N/A
17	CORTESE	LANEY COLLEGE	600 FALLON ST	OAKLAND	94606
17	LUST	LANEY COLLEGE	600 FALLON ST	OAKLAND	N/A
18	HWIS	GEO V ARTH AND SON	110 TENTH STREET	OAKLAND	N/A
19	HWIS	OAKLAND AUTO BODY	149 11TH STREET	OAKLAND	N/A
20	HWIS	WORLD SAVINGS & LOAN	1901 HARRISON ST	OAKLAND	N/A
21	HWIS	FOREIGN BODY SHOP	2350 WEBSTER ST	OAKLAND	N/A
21	CORTESE	NEGERBON AUTO CENTER	2345 BROADWAY	OAKLAND	00000
21	CORTESE	NEGHERBON LINCON MERCURY	2345 BROADWAY	OAKLAND	00000
21	LUST	NEGHERBON LINCOLN MERCURY	2345 BROADWAY	OAKLAND	N/A
22	HWIS	ICF KAISER ENGINEERS INC	1800 HARRISON STREET	OAKLAND	N/A
23	CASITES	BENDELL AND COMPANY	176 11TH	OAKLAND	94607
24	HWIS	CHEVRON STATION #90020	17TH & HARRISON	OAKLAND	N/A
25	CORTESE	BALCO PROPERTIES	55 4TH ST	OAKLAND	00000
25	LUST	BALCO PROPERTIES	55 4TH ST	OAKLAND	N/A
26	CASITES	TRANS-BOX SYSTEMS	635 OAK, BLDG L (INTERNATIONAL AIRPO	OAKLAND	94616
26	CORTESE	CHEVRON STATION #94587	609 OAK ST	OAKLAND	94607
26	CORTESE	CHEVRON	609 OAK ST	OAKLAND	94607
26	HWIS	CHEVRON STATION #94587	609 OAK STREET	OAKLAND	N/A
26	LUST	CHEVRON	609 OAK ST	OAKLAND	N/A
27	CORTESE	PG & E EAST BAY REGION	1919 WEBSTER ST	OAKLAND	94612
27	CORTESE	PG&E	1919 WEBSTER ST	OAKLAND	94612
27	LUST	PG&E	1919 WEBSTER ST	OAKLAND	N/A
28	CORTESE	CHEVRON	1633 HARRISON ST	OAKLAND	00000
28	LUST	CHEVRON	1633 HARRISON ST	OAKLAND	N/A
29	CORTESE	PEERLESS COFFEE	255 FALLON ST	OAKLAND	94612
29	LUST	PEERLESS COFFEE	255 FALLON ST	OAKLAND	N/A
30	CERCLIS	54 EMBARCADERO	FALLON ST & EMBARCADERO DR	OAKLAND	94606
31	CORTESE	ROYS AUTO BODY	1432 HARRISON ST	OAKLAND	94612
31	CORTESE	HARRISON STREET GARAGE	1432 HARRISON ST	OAKLAND	94612
31	HWIS	ROYS AUTO BODY	1432 HARRISON ST	OAKLAND	N/A
31	LUST	HARRISON STREET GARAGE	1432 HARRISON ST	OAKLAND	N/A
32	CORTESE	PENN PARTNERS	333 OAK ST	OAKLAND	94612

Index to Map Id Numbers

Map Id Nbr	Agency Name	Site Name	Street Address	City	ZIP
32	LUST	PENN PARTNERS	333 OAK ST	OAKLAND	N/A
33	HWIS	KAISER FNDN HLTH PLAN OFC BLDG	1950 FRANKLIN ST	OAKLAND	N/A
33	CASITES	C & G DENTAL X-RAY	1904 FRANKLIN STREET, #802	OAKLAND	94612
33	CORTESE	KAISER REGIONAL PARKING	1901 FRANKLIN ST	OAKLAND	94612
33	LUST	KAISER REGIONAL PARKING	1901 FRANKLIN ST	OAKLAND	N/A
34	HWIS	HANZEL AUTO BODY WORKS	456 23RD ST	OAKLAND	N/A
35	HWIS	IV MIEN AUTOBODY REPAIR	186 7TH ST	OAKLAND	N/A
36	CASITES	EAST BAY BLUEPRINT SUPPLY COMPANY	1742 FRANKLIN	OAKLAND	94612
37	CASITES	LAKESIDE NON-FERROUS METALS CORP	412 MADISON STREET	OAKLAND	94607
37	CORTESE	LAKESIDE NON-FERROUS	412 MADISON ST	OAKLAND	94607
37	CORTESE	LAKESIDE NON-FERROUS METALS CO	412 MADISON ST	OAKLAND	94607
38	CORTESE	CHEVRON STATION #94816	301 14TH ST	OAKLAND	94612
38	CORTESE	CHEVRON	301 14TH ST	OAKLAND	94612
38	HWIS	CHEVRON STATION #94816	301 14TH STREET	OAKLAND	N/A
38	LUST	CHEVRON	301 14TH ST	OAKLAND	N/A
38	CASITES	BARNDOLLAR LETTER SERVICE	325 13TH STREET	OAKLAND	94601
38	CASITES	LAXAS SEWING COMPANY	337 13TH STREET	OAKLAND	94612
39	HWIS	COCHRAN & CELLI	301 12TH ST	OAKLAND	N/A
40	HWIS	PACIFIC TELEPHONE AND TELEGRAPH CO	1587 FRANKLIN STREET	OAKLAND	N/A
41	CORTESE	DAVES COMPLETE AUTO SERVICE	2250 TELEGRAPH AVE	OAKLAND	94602
41	CORTESE	DAVES COMPLETE AUTO	2250 TELEGRAPH AVE	OAKLAND	94602
41	CORTESE	UNOCAL SVC STA #1110	2250 TELEGRAPH AVE	OAKLAND	94602
41	CORTESE	DAVE'S COMPLETE AUTO SVC	2250 TELEGRAPH AVE	OAKLAND	94602
41	CORTESE	DAVE'S COMPLETE AUTO SERVICE	2250 TELEGRAPH AVE	OAKLAND	94602
41	CORTESE	TONY'S BEACON STATION	2250 TELEGRAPH AVE	OAKLAND	94602
41	LUST	DAVE'S COMPLETE AUTO SERVICE	2250 TELEGRAPH AVE	OAKLAND	N/A
41	CORTESE	TEXACO/EXXON	2225 TELEGRAPH	OAKLAND	91802
41	CORTESE	TEXACO	2225 TELEGRAPH	OAKLAND	91802
41	CORTESE	TELEGRAPH AUTO REPAIR	2225 TELEGRAPH	OAKLAND	91802
41	CORTESE	EXXON COMPANY USA #70235	2225 TELEGRAPH	OAKLAND	91802
41	HWIS	EXXON COMPANY USA #70235	2225 TELEGRAPH	OAKLAND	N/A
41	LUST	TEXACO/EXXON	2225 TELEGRAPH AVE	OAKLAND	N/A
42	CORTESE	FIRE STATION #12	822 ALICE ST	OAKLAND	94607
42	LUST	FIRE STATION #12	822 ALICE ST	OAKLAND	N/A
42	LUST	EXXON	250 8TH ST	OAKLAND	N/A
42	CORTESE	UNOCAL SVC STA # 0752	800 HARRISON ST	OAKLAND	94607
42	CORTESE	UNOCAL	800 HARRISON ST	OAKLAND	94607
42	HWIS	UNOCAL SVC STA # 0752	800 HARRISON ST	OAKLAND	N/A
42	LUST	UNOCAL	800 HARRISON ST	OAKLAND	N/A

Index to Map Id Numbers

Map Id Nbr	Agency Name	Site Name	Street Address	City	ZIP
43	CORTESE	CHEVRON	1911 TELEGRAPH AVE	OAKLAND	95050
43	LUST	CHEVRON	1911 TELEGRAPH AVE	OAKLAND	N/A
43	HWIS	EMPO CAP GOODYEAR AUTO SERVICE	1901 TELEGRAPH AVENUE	OAKLAND	N/A
44	HWIS	MIRACLE AUTO PAINTING	575 W GRAND AVE	OAKLAND	N/A
45	CASITES	ART WEEKS INC	1305 FRANKLIN STREET	OAKLAND	94612
46	CORTESE	CHINATOWN REDEVELOPMENT PROJ.	11 WEBSTER	OAKLAND	00000
46	LUST	CHINATOWN REDEVELOPMENT PROJ.	11TH & WEBSTER	OAKLAND	N/A
46	CASITES	CHINATOWN REDEVELOPMENT - OAKLAND	BOUNDED BY 11TH, 10TH, WEBSTER & FRAN	OAKLAND	94601
47	CASITES	EAST BAY MACHINE	333 9TH STREET	OAKLAND	94607
47	LUST	PACIFIC RENAISSANCE PLAZA	9TH & WEBSTER	OAKLAND	N/A
48	CORTESE	EAST BAY PACKING CO	208 JACKSON ST	OAKLAND	94607
48	LUST	EAST BAY PACKING CO	208 JACKSON ST	OAKLAND	N/A
48	CORTESE	MILLER PACKING	206 2ND ST	OAKLAND	95607
48	LUST	MILLER PACKING	206 2ND ST	OAKLAND	N/A
48	CASITES	STANDARD CHEMICAL COMPANY	236 2ND STREET	OAKLAND	94607
48	CASITES	STONE CANDLES INC	217 ALICE STREET	OAKLAND	94607
49	CORTESE	OAKLAND AUTO PARTS & TIRES	708 HARRISON ST	OAKLAND	94612
49	LUST	OAKLAND AUTO PARTS & TIRES	706 HARRISON ST.	OAKLAND	N/A
49	CASITES	MINERS & PISANI	330 6TH STREET	OAKLAND	94607
50	CASITES	ALLIED PAPER COMPANY	283 4TH STREET	OAKLAND	94607
50	CORTESE	PE O'HAIR & CO.	309 4TH ST	OAKLAND	94607
50	LUST	PE O'HAIR & CO.	309 4TH ST	OAKLAND	N/A
51	BZP	CLOROX COMPANY	1221 BROADWAY	OAKLAND	94612
52	CORTESE	OAKLAND CITY HALL	1 CITY HALL PLAZA	OAKLAND	94612
52	LUST	OAKLAND CITY HALL	1 CITY HALL PLAZA	OAKLAND	N/A
53	CORTESE	BRAMALEA PACIFIC	1111 BROADWAY	OAKLAND	94607
53	LUST	BRAMALEA PACIFIC	1111 BROADWAY	OAKLAND	N/A
54	LUST	ALEX SHAW & ASSOCIATES	800 FRANKLIN ST	OAKLAND	N/A
54	CORTESE	ALEX SHAW & ASSOCIATES	800 FRANKLIN	OAKLAND	00000
55	CORTESE	CITY'S AUTO REPAIR	330 WEBSTER ST	OAKLAND	94607
55	LUST	CITY'S AUTO REPAIR	330 WEBSTER ST	OAKLAND	N/A
56	HWIS	OAKLAND TRIBUNE INC	409 13TH ST	OAKLAND	N/A
56	CORTESE	FIVE CITY CENTER	1300 CLAY ST	OAKLAND	00000
56	LUST	FIVE CITY CENTER	1300 CLAY ST	OAKLAND	N/A
56	CORTESE	OAKLAND FEDERAL BUILDING	1305 CLAY ST	OAKLAND	94612

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Map Id Nbr	Agency Name	Site Name	Street Address	City	ZIP
56	LUST	OAKLAND FEDERAL BUILDING	1305 CLAY ST	OAKLAND	N/A
57	CORTESE	CITY OF OAKLAND	1417 CLAY ST	OAKLAND	00000
57	LUST	CITY OF OAKLAND	1417 CLAY ST	OAKLAND	N/A
58	CORTESE	GREYHOUND BUS LINES TERMINAL	2103 SAN PABLO	OAKLAND	00000
58	LUST	GREYHOUND BUS LINES TERMINAL	2103 SAN PABLO AVE	OAKLAND	N/A
59	CORTESE	SHELL	461 8TH ST	OAKLAND	00000
59	LUST	SHELL	461 8TH ST	OAKLAND	N/A
60	CORTESE	BUDS BODY SHOP	1900 MARTIN LUTHER KING WAY	BERKELEY	00009
60	HWIS	BUDS BODY SHOP	1900 MARTIN LUTHER KING JR WAY	OAKLAND	N/A
61	CORTESE	BLUE PRINT SERVICE COMPANY	1700 JEFFERSON ST	OAKLAND	00000
61	CORTESE	BLUE PRINT SERVICE CO.	1700 JEFFERSON ST	OAKLAND	00000
61	LUST	BLUE PRINT SERVICE COMPANY	1700 JEFFERSON ST	OAKLAND	N/A
61	CASITES	CHAMPION COMPANY, THE	610 16TH STREET	OAKLAND	94612
61	CORTESE	OAKLAND COMMUNITY DEVELOPMENT	690 15TH ST	OAKLAND	94612
61	LUST	OAKLAND COMMUNITY DEVELOPMENT	690 15TH ST	OAKLAND	N/A
62	LUST	BRAMALEA PACIFIC	12TH & CLAY	OAKLAND	N/A
63	CASITES	NEPTUNE SOCIETY	77 JACK LONDON SQUARE	OAKLAND	94607
64	LUST	BRAMALEA PACIFIC	13TH & JEFFERSON ST	OAKLAND	N/A
65	CORTESE	PACIFIC RENAISSANCE PLAZA	9 WEBSTER ST	OAKLAND	94612
66	HWIS	CHEVRON STATION #94800	1700 CASTRO STREET	OAKLAND	N/A
67	CASITES	BALLENA BAY TRADING COMPANY	2415 MARINER SQUARE	ALAMEDA	94501
68	LUST	FYNE PROPERTY	774 GRAND AVE W	OAKLAND	N/A
68	CORTESE	FYNE PROPERTY	774 GRAND AVE W	OAKLAND	94612
68	LUST	MEADERS DRY CLEANING	800 GRAND AVE W	OAKLAND	N/A
68	CASITES	BATTE RESOURCES INTERNATIONAL	1221 BROADWAY	OAKLAND	94612
68	CASITES	MILLER PHOTO SCREEN SERVICE	2578 WEST STREET	OAKLAND	94612
68	CASITES	JOHN FREITAS UPHOLSTERING	807 WEST GRAND AVENUE	OAKLAND	94607
68	CASITES	WHITEY'S WELDING & STEEL FABRICATION	830 22ND STREET	OAKLAND	94607
68	CORTESE	91853	850 GRAND AVE W	OAKLAND	00000
68	HWIS	CHEVRON STATION #91853	850 W GRAND AVE	OAKLAND	N/A
68	CORTESE	CHEVRON	850 GRAND AVE W	OAKLAND	00000
68	LUST	CHEVRON	850 GRAND AVE W	OAKLAND	N/A
69	CORTESE	OAKLAND REDEVELOPMENT AGENCY	1330 MARTIN LUTHER KING JR WAY WAY	OAKLAND	94612
69	LUST	OAKLAND REDEVELOPMENT AGENCY	1330 MARTIN LUTHER KING	OAKLAND	N/A

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Map Id Nbr	Agency Name	Site Name	Street Address	City	ZIP
70	HWIS	K T V U - TV	2 JACK LONDON SQUARE	OAKLAND	N/A
71	LUST	PORT OF OAKLAND	JACK LONDON SQUARE	OAKLAND	N/A
72	CORTESE	BRAMALEA USA INC	901-999 JEFFERSON ST	OAKLAND	94607
72	LUST	BRAMALEA USA INC	901-999 JEFFERSON ST	OAKLAND	N/A
73	CASITES	ALAMEDA ANNEX NAVAL SUPPLY CENTER	2155 MARINER SQUARE LOOP	ALAMEDA	94501
73	AWP	ALAMEDA ANNEX NAVAL SUPPLY CENTER	2155 MARINER SQUARE LOOP	ALAMEDA	94501
73	CERCLIS	OAKLAND NAVAL SUPPLY CTR/ALAMEDA FAC	2155 MARINER SQUARE LOOP	ALAMEDA	94501
73	CORTESE	ALAMEDA ANNEX NAVAL SUPPLY CEN	2155 MARINER SQUARE LOOP	ALAMEDA	94501
73	CORTESE	USNAVY DPDD ALAMEDA OAKLAND	2155 MARINER SQUARE LOOP	ALAMEDA	94501
73	CORTESE	NAVAL SUPPLY CTR OAKLAND-ALAME	2155 MARINER SQUARE LOOP	ALAMEDA	94501
73	HWIS	NAVAL SUPPLY CTR OAKLAND-ALAMEDA FAC	2155 MARINER SQUARE LOOP	ALAMEDA	N/A
73	HWIS	NAVAL SUPPLY CTR OAKLAND-ALAMEDA FAC	2155 MARINER SQUARE LOOP	ALAMEDA	N/A
73	HWIS	NAVAL SUPPLY CTR OAKLAND-ALAMEDA FAC	2155 MARINER SQUARE LOOP	ALAMEDA	N/A
74	LUST	PARKING STRUCTURE	7TH & JEFFERSON ST	OAKLAND	N/A
75	CASITES	CUTTER LUMBER PRODUCTS	526 2ND STREET	OAKLAND	94607
75	CORTESE	UNION MACHINE WORKS	534 2ND ST	OAKLAND	94607
75	LUST	UNION MACHINE WORKS	534 2ND ST	OAKLAND	N/A
76	CERCLIS	PG&E GAS PLANT OAKLAND 601 2A	FIRST & WASHINGTON	OAKLAND	94607
77	HWIS	OMS #33	2295 MARINER SQUARE LOOP	ALAMEDA	N/A
78	LUST	ARCO	889 GRAND AVE W	OAKLAND	N/A
78	CORTESE	ARCO	889 GRAND AVE W	OAKLAND	94607
78	CORTESE	FALCON ENTERPRISES INC	889 GRAND AVE W	OAKLAND	94607
78	HWIS	ARCO PRODUCTS FACILITY 2169	889 W GRAND AVENUE	OAKLAND	N/A
79	CORTESE	BRAMALEA PACIFIC	12 CLAY	OAKLAND	00000
80	CORTESE	PG&E POWER PLANT	510 MARTIN LUTHER KING	OAKLAND	00000
80	LUST	PG&E POWER PLANT	510 MARTIN LUTHER KING W	OAKLAND	N/A
80	CORTESE	TEXACO SERVICE STATION	424 MARTIN LUTHER BLVD	OAKLAND	94520
80	CORTESE	GROVES AUTO RPR	424 MARTIN LUTHER BLVD	OAKLAND	94520
80	LUST	OAKLAND POWER PLANT	50 MARTIN LUTHER KING	OAKLAND	N/A
81	HWIS	A&H TRUCK REPAIR	1825 MARKET ST	OAKLAND	N/A
82	CASITES	OAKLAND GRAPHICS	864 14TH STREET	OAKLAND	94612
83	CASITES	CLASSIC ILLUMINATION, THE	431 GROVE STREET	OAKLAND	94609

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Map Id Nbr	Agency Name	Site Name	Street Address	City	ZIP
83	LUST	TEXACO	424 MARTIN LUTHER KING	OAKLAND	N/A
83	CASITES	OIL SPILL CONTAINMENT CORPORATION	4TH & GROVE	OAKLAND	94607
83	CORTESE	GUARANTEE FORKLIFT INCORPORATE	699 4TH ST	OAKLAND	94807
83	CORTESE	GUARANTEE FORKLIFT INC	699 4TH ST	OAKLAND	94807
83	CORTESE	GUARANTEE FORKLIFT INC	699 4TH ST	OAKLAND	94807
83	CORTESE	GUARANTEE FORKLIFT	699 4TH ST	OAKLAND	94807
83	HWIS	GUARANTEE FORKLIFT INC	699 4TH ST	OAKLAND	N/A
83	LUST	GUARANTEE FORKLIFT	699 4TH ST	OAKLAND	N/A
84	CORTESE	BRAMALEA PACIFIC	13 JEFFERSON ST	OAKLAND	00000
84	CORTESE	PARKING STRUCTURE	7 JEFFERSON ST	OAKLAND	00000
84	CORTESE	OAKLAND PARKING FACILITY	7 JEFFERSON ST	OAKLAND	00000
85	CERCLIS	FRANCIS PLATING OF OAKLAND INC	785 7TH ST	OAKLAND	94607
85	CORTESE	GREYHOUND	7 BUSH	OAKLAND	00000
85	LUST	GREYHOUND	7TH & BUSH	OAKLAND	N/A
86	HWIS	E-D COAT INC	715-21 FOURTH ST	OAKLAND	N/A
87	HWIS	PG&E/OAKLAND POWER PLANT	50 GROVE ST	OAKLAND	N/A
88	CASITES	BAY AREA OIL COMPANY	300 CASTRO STREET	OAKLAND	94607
89	HWIS	PORT OF OAKLAND	209 BRUSH STREET	OAKLAND	N/A
89	CASITES	BEDFORD PROPERTY SITE	54 EMBARCADERO STREET	OAKLAND	94606
89	CASITES	ADAMS DELIVERY SERVICE	114 BUSH STREET	OAKLAND	94607
90	CERCLIS	SAFETY- KLEEN CORP 7-178-01	404 MARKET ST	OAKLAND	94607
90	CORTESE	SAFETY-KLEEN ROHNERT PARK	404 MARKET ST	OAKLAND	94607
90	CORTESE	SAFETY KLEEN CORP 7 178 01	404 MARKET ST	OAKLAND	94607
90	CORTESE	SAFETY-KLEEN CORP (7-178-01)	404 MARKET ST	OAKLAND	94607
90	CORTESE	SAFETY-KLEEN CORP.	404 MARKET ST	OAKLAND	94607
90	HWIS	SAFETY-KLEEN CORP (7-178-01)	404 MARKET ST	OAKLAND	N/A
90	HWIS	SAFETY-KLEEN CORP (7-178-01)	404 MARKET ST	OAKLAND	N/A
90	CORTESE	MARINE TERMINALS CORP	333 MARKET ST	OAKLAND	94607
90	LUST	MARINE TERMINALS CORP	333 MARKET ST	OAKLAND	N/A
91	CASITES	TODD DIE COMPANY	95 MARKET STREET, G-5	OAKLAND	94607
91	CASITES	WEST TRANSPORTATION INC	95 MARKET STREET	OAKLAND	94607
92	HWIS	PG & E GAS LOAD CTR	50 MARKET ST	OAKLAND	N/A
93	HWIS	MOALS BODY SHOP INC	937 E 2TH STREET	OAKLAND	N/A
94	CORTESE	EAST BAY FORD TRUCK	333 FILBERT	OAKLAND	00000
94	HWIS	EAST BAY FORD TRUCK	333 FIBERT ST	OAKLAND	N/A
94	LUST	EAST BAY FORD TRUCK	333 FILBERT ST	OAKLAND	N/A
94	CASITES	SUNSET TRADING COMPANY	568 3RD STREET	OAKLAND	94607
94	CORTESE	JOHNSTON & SONS	801 3RD AVE	OAKLAND	00000

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Map Id Nbr	Agency Name	Site Name	Street Address	City	ZIP
94	LUST	JOHNSTON & SONS	801 3RD AVE	OAKLAND	N/A
95	CORTESE	ARATEX SERVICES INC	330 CHESTNUT	OAKLAND	94607
95	CORTESE	ARATEX SERVICES	330 CHESTNUT	OAKLAND	94607
95	CASITES	WORK WEAR CORPORATION	330 CHESTNUT STREET	OAKLAND	94607
95	CORTESE	WORK WEAR CORPORATION	330 CHESTNUT	OAKLAND	94607
95	HWIS	ARATEX SERVICES INC	330 CHESTNUT STREET	OAKLAND	N/A
95	LUST	ARATEX SERVICES	330 CHESTNUT ST	OAKLAND	N/A
95	CASITES	NOR-CAL METAL FABRICATORS	1121 3RD STREET	OAKLAND	94607
95	CERCLIS	NOR-CAL METAL FABRICATORS	1121 3RD ST	OAKLAND	94607
95	LUST	NORCAL METAL FABRICATORS	1121 3RD ST	OAKLAND	N/A
96	CASITES	SKIPS TRUCKING COMPANY	112 ADELIN STREET	OAKLAND	94607
97	CORTESE	CITY OF OAKLAND HOUSING AUTH	935 UNION ST	OAKLAND	94612
97	LUST	CITY OF OAKLAND HOUSING AUTH	935 UNION ST	OAKLAND	N/A
98	CORTESE	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	94607
98	CORTESE	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	94607
98	CORTESE	PORT OF OAKLAND/APL CONTAINER	1395 MIDDLE HARBOR RD	OAKLAND	94607
98	CORTESE	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	94607
98	HWIS	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	N/A
98	LUST	PORT OF OAKLAND/APL CONATINER	1395 MIDDLE HARBOR RD	OAKLAND	N/A
98	LUST	AMERICAN PRESIDENT LINES	1395 MIDDLE HARBOR RD	OAKLAND	N/A
98	CASITES	SHEREX CHEMICAL COMPANY (MIDDLE HARB	1401 MIDDLE HARBOR ROAD	OAKLAND	94607
98	CERCLIS	SHEREX CHEM CO	1401 MIDDLE HARBOR RD	OAKLAND	94607
98	CORTESE	SHEREX CHEMICAL COMPANY (MIDDL	1401 MIDDLE HARBOR RD	OAKLAND	94607
98	CORTESE	SHEREX CHEMICAL COMPANY INC	1401 MIDDLE HARBOR RD	OAKLAND	94607
98	CORTESE	SHEREX CHEMICAL COMPANY INC.	1401 MIDDLE HARBOR RD	OAKLAND	94607
99	HWIS	OAKLAND TRIBUNE INC	1221 3RD STREET	OAKLAND	N/A



Dear Vista Customer:

The report you have just received may show several sites in the mentions section. Mentions are environmental risk sites that have not been or can not be plotted on a map. This is due to one of two circumstances related to how we locate street addresses on our maps. Plotting consists of translating a street address into a latitude and longitude coordinate, or an actual point on a map.

1) A site cannot be plotted because of inaccurate or missing locational information in the record provided by the reporting agency. For many of these records, Vista has corrected or added locational information from private industry address files. However, many site addresses cannot be corrected using these techniques and those sites cannot be mapped.

2) Also, we are continually updating our database. We receive information from the various agencies and go through the mapping process as quickly as possible; however, there are sites that cannot be processed immediately. In order to best serve our customers, we include those sites that we have not been able to rule out, or map. Mappable sites may fall within your radius, or they may have been included because of a similar zip code or area name.

In order to provide you with the most current and comprehensive data it is necessary to include these "unmappables" in your report. As the data matures we will be able to plot more of the sites and look forward to providing you with reports with fewer mentions in the future.

VISTA ENVIRONMENTAL INFORMATION, INC.

5060 SHOREHAM PLACE, SUITE 300 • SAN DIEGO, CALIFORNIA 92122 • (619) 450-6100 • FAX (619) 450-6195
415 EAGLEVIEW BOULEVARD, SUITE 112 • EXTON, PA 19341 • (215) 458-1122 • FAX (215) 458-1134

Mentions for report 1 - 7663001

Agency	City	Zip	St #	Street Name	Site Name	NFA?
CERCLIS	ALAMEDA	94501		W END CITY OF ALAMEDA	ALAMEDA NAVAL AIR STA	NO
CERCLIS	ALAMEDA	94501		W. END CITY OF ALAMEDA, ANNEX SITE	NAVAL SUPPLY CENTER, ALAMEDA ANNEX	NO
CERCLIS	ALAMEDA	94501		GOVERNMENT ISLAND	12TH COAST GUARD DISTRICT	Y
CERCLIS	OAKLAND	94607		1ST BET JEFFERSON & MARKET	PG&E GAS PLANT OAKLAND 601 2	Y
CERCLIS	OAKLAND	94606	845	EMBARCADERO	BUILDING H-232, PORT OF OAKLAND	Y
CERCLIS	OAKLAND	94606		EMBARCADERO CV MARINA SITE	PORT OF OAKLAND	Y
CERCLIS	OAKLAND	94623		NAVAL SUPPLY CENTER OAKLAND	NAVY PUBLIC WORKS CENTER SAN FRANCIS	Y
CERCLIS	OAKLAND	94621		OAKLAND ARPT	PACIFIC AIRMOTIVE	Y
CERCLIS	OAKLAND	94621		OAKLAND ARPT	GOLDEN GATE AVIATION	Y
CERCLIS	OAKLAND	94621		OAKLAND ARPT	BUSINESS AIRCRAFT DISTR	Y
CORTESE	ALAMEDA	94501		ALAMEDA NAVAL AIR STATION	WEST BEACH SANITARY LANDFILL	-
CORTESE	ALAMEDA	94501		ALAMEDA NAVAL AIR STATION	ALAMEDA NAVAL AIR STATION	-
CORTESE	ALAMEDA	94501		ALAMEDA NAVAL AIR STATION	U S S ENTERPRISE(U S DEPT OF N	-
CORTESE	ALAMEDA	00000		GRANTLINE RD	CHEVRON	-
CORTESE	ALAMEDA	94501	1150	MARINA VILLAGE PARK WAY	VINTAGE PROPERTIES	-
CORTESE	ALAMEDA	00000		MECARTNEY RD	NORMANDY PROJECT	-
CORTESE	ALAMEDA	00000		1 MEMORIAL CLUBHOUSE D	ALAMEDA GOLF COURSE	-
CORTESE	ALAMEDA	94501	1911	PARK ST	MORRIS LANDY BODY SHOP	-
CORTESE	ALAMEDA	00000	1802	WEBSTER ST	CHEVRON	-
CORTESE	OAKLAND	94612	1236	1238 41ST	MOTOR PARTNERS I	-
CORTESE	OAKLAND	94612	290	27TH ST	MARTIN JOHNSON PORCHE	-
CORTESE	OAKLAND	94612	290	27TH ST	MARTIN JOHNSON AUDI PORSCHE	-
CORTESE	OAKLAND	94662	1007	41ST ST	DUNNE FRANK W COMPANY #	-
CORTESE	OAKLAND	00000		41ST/42ND ST	GROW GP/OAKLAND NATL ENGRAVING	-
CORTESE	OAKLAND	94608	1249	67TH ST	FABCO DIV	-
CORTESE	OAKLAND	00000	921	98TH AVE	NABISCO BRANDS INC.	-
CORTESE	OAKLAND	94623	2127	ADELIN ST	EAST BAY MUNICIPAL UTILITY DIS	-
CORTESE	OAKLAND	00000	2311	ADELIN ST	CUSTOM WOOD FINISHING	-
CORTESE	OAKLAND	94604	4200	ALAMEDA AVE	EKOTEK INC OAKLAND PLANT	-
CORTESE	OAKLAND	94621		ASR #9 FACILITY	FAA AIRWAY FACILITY	-
CORTESE	OAKLAND	94606	5	AVE KIRKHAM	SOUTHERN PACIFIC TRANS CO	-
CORTESE	OAKLAND	94605	73	BANCROFT	EASTMONT AUTO SERVICE	-
CORTESE	OAKLAND	94605	73	BANCROFT	BP	-
CORTESE	OAKLAND	94605	73	BANCROFT	FIRESTONE #3659	-
CORTESE	OAKLAND	00000	2735	BROADWAY	OAKLAND DODGE INC	-
CORTESE	OAKLAND	94612	2740	BROADWAY	JOHNSTON PACIFIC CO. INC.	-
CORTESE	OAKLAND	94611	4100	BROADWAY	7-ELEVEN STORE 2212-18608/CO	-
CORTESE	OAKLAND	94618	5755	BROADWAY	SHELL OIL #204-5510-0402	-
CORTESE	OAKLAND	00000	2345	BROADWAY	NEGHERBON LINCOLN MERCURY	-
CORTESE	OAKLAND	94625		CODE 6 BUILDING 322	OAKLAND NAVAL SUPPLY CENTER	-
CORTESE	OAKLAND	94606		DENNISON AND EMBARCADERO STREE	PORT OF OAKLAND - EMBARCADERO	-
CORTESE	OAKLAND	94606		DENNISON AND EMBARCADERO STREE	PORT OF OAKLAND	-
CORTESE	OAKLAND	94601	315	DERBY AVE	SHELL OIL CO BULK	-
CORTESE	OAKLAND	00000		DOOLITTLE DR	OAKLAND INTERNATIONAL AIRPORT	-
CORTESE	OAKLAND	00000		DOOLITTLE DR	POLVOROSA BUSINESS PARK	-
CORTESE	OAKLAND	00000		DOOLITTLE DR	WDR-ALAMEDA CITY LANDFILL	-
CORTESE	OAKLAND	00000		DOOLITTLE DR	NPD MAJ-DBDA JOINT OUTFALL	-
CORTESE	OAKLAND	00000		DOOLITTLE DR	NPD MAJ-DBDA JOINT OUTFALL	-
CORTESE	OAKLAND	00000	54	EMBARCADERO ST	BEDFORD PROPERTY SITE	-
CORTESE	OAKLAND	00000	54	EMBARCADERO ST		-

Mentions for report 1 - 7663001

Agency	City	Zip	St #	Street Name	Site Name	NFA?
CORTESE	OAKLAND	00000	2400	FILBERT	CAL WEST PERIODICALS	-
CORTESE	OAKLAND	00000	2400	FILBERT	CAL-WEST PERIODICALS	-
CORTESE	OAKLAND	91505	5425	GROVE ST	BP OIL COMPANY	-
CORTESE	OAKLAND	91505	5425	GROVE ST	MOBIL	-
CORTESE	OAKLAND	94005		JACK LONDON MARINA	PORT OF OAKLAND	-
CORTESE	OAKLAND	94621	740	JULIE ANN WAY	INDEPENDENT CONSTRUCTION CO	-
CORTESE	OAKLAND	00000	1583	JULIE ANN WAY	YANDELL TRUCKING	-
CORTESE	OAKLAND	94621		L-827 TRACON	FAA AIRWAY FACILITIES	-
CORTESE	OAKLAND	94520	424	MARTIN LUTHER BLVD	TEXACO	-
CORTESE	OAKLAND	94611	6550	MORAGA AVE	CHEVRON USA INC SERVICE STATIO	-
CORTESE	OAKLAND	00000	2844	MOUNTAIN BLVD	PHILS AUTOMOTIVE	-
CORTESE	OAKLAND	00000	2110	MOUNTAIN MERCED	ARCO	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	AMERICAN AIRLINES	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	PORT OF OAKLAND	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	GOLDEN GATE AVIATION	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	BUSINESS AIRCRAFT DISTR.	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	PACIFIC AIRMOTIVE	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	AVIS RENT A CAR	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	OAKLAND GS 29	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	OAKLAND RTR2	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	OAKLAND ASR	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	OAKLAND ATCT	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	OAKLAND ALS	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	OAKLAND ATCT NORTH	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	OAKLAND VORTAC	-
CORTESE	OAKLAND	94261		OAKLAND AIRPORT--AIRPORT DRIVE	OAKLAND GS 27	-
CORTESE	OAKLAND	94102		OAKLAND INTL AIRPORT	BUSINESS AIRCRAFT DISTRIBUTORS	-
CORTESE	OAKLAND	94102		OAKLAND INTL AIRPORT	GOLDEN GATE AVIATION	-
CORTESE	OAKLAND	94102		OAKLAND INTL AIRPORT	PACIFIC AIRMOTIVE	-
CORTESE	OAKLAND	94102		OAKLAND INTL AIRPORT	PSA STORAGE TANKS: NUMBERS 20A	-
CORTESE	OAKLAND	94102		OAKLAND INTL AIRPORT	TRANS AMERICAN AIRLINES	-
CORTESE	OAKLAND	94102		OAKLAND INTL AIRPORT	PACIFIC GAS AND ELECTRIC COMPA	-
CORTESE	OAKLAND	94102		OAKLAND INTL AIRPORT	CHEVRON	-
CORTESE	OAKLAND	94102		OAKLAND INTL AIRPORT	HERTZ SERVICE CENTER	-
CORTESE	OAKLAND	00000		OAKPORT ST	EBMUD	-
CORTESE	OAKLAND	94607		PORT OF OAKLAND BIRTH 35	OAKLAND ARMY BASE	-
CORTESE	OAKLAND	94607		PORT OF OAKLAND BIRTH 35	MOBIL BULK PLANT	-
CORTESE	OAKLAND	00000		PRIVATE RD	SOUTHERN PACIFIC	-
CORTESE	OAKLAND	00000	7	ST. 29TH AVE	EBMUD	-
CORTESE	OAKLAND	00000	5	ST. 8TH AVE	BART MAINT. FACILITY	-
CORTESE	OAKLAND	00000	8	ST. E 8TH AVE AVE	SOUTHERN PACIFIC	-
CORTESE	OAKLAND	00000	98	ST. EDES AVE	CITY OF OAKLAND	-
CORTESE	OAKLAND	00000	11	ST. ST		-
CORTESE	OAKLAND	00000		TERMINAL FACILITY	SHELL	-
CORTESE	OAKLAND	00000		TIDEWATER AVE	TIDEWATER BUSINESS PARK	-
CORTESE	OAKLAND	00000		VALDEZ & 13TH	OLD OAKLAND TRIBUNE GARAGE	-
CORTESE	PERMANENTE	94612		PERMANENTE PLANT	KAISER CEMENT AND GYPSUM CORP	-
CORTESE	PERMANENTE	94612		PERMANENTE PLANT	KAISER ALUMINUM	-
CORTESE	PERMANENTE	94612		PERMANENTE PLANT	KAISER CEMENT CORP	-
CORTESE	PERMANENTE	94612		PERMANENTE PLANT	KAISER CEMENT	-
CORTESE	PERMANENTE	94612		PERMANENTE PLANT	WDR-STORM WATER RUNOFF	-
CORTESE	PIEDMONT	94610	29	WILDWOOD	SHELL STATION #204-6001-0109	-



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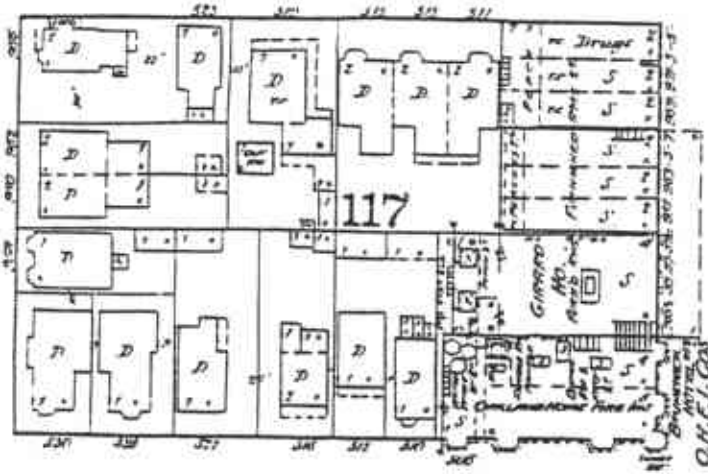
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10B

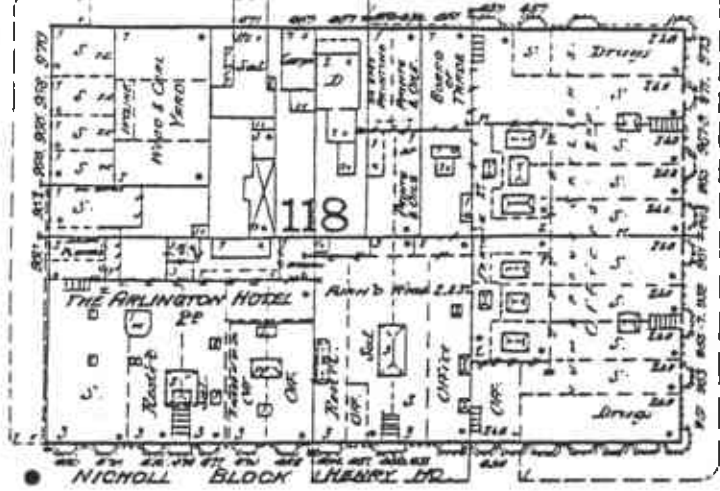
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89

STREET



STREET



DELGERS BLOCK

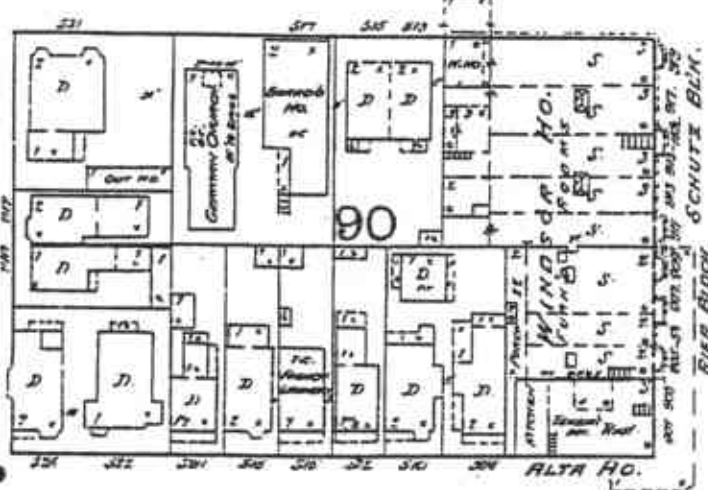
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9B

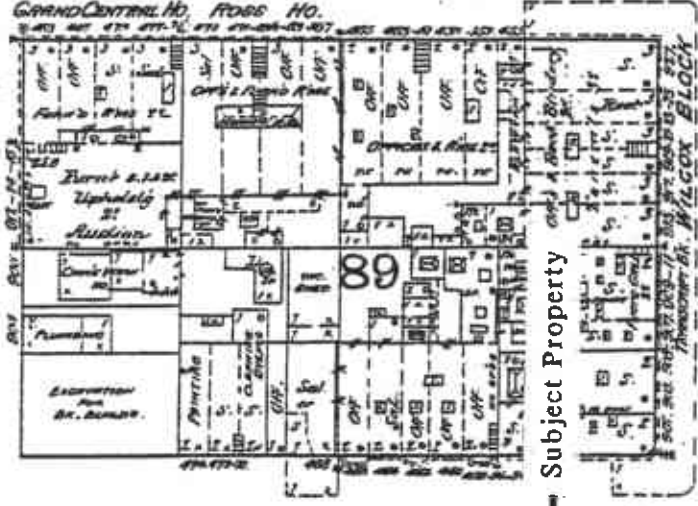
STREET

82

85

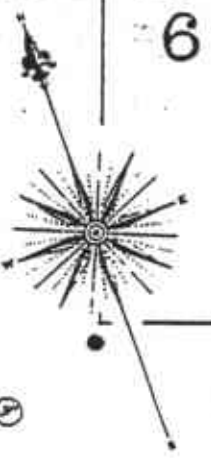


82



WILCOX BLOCK

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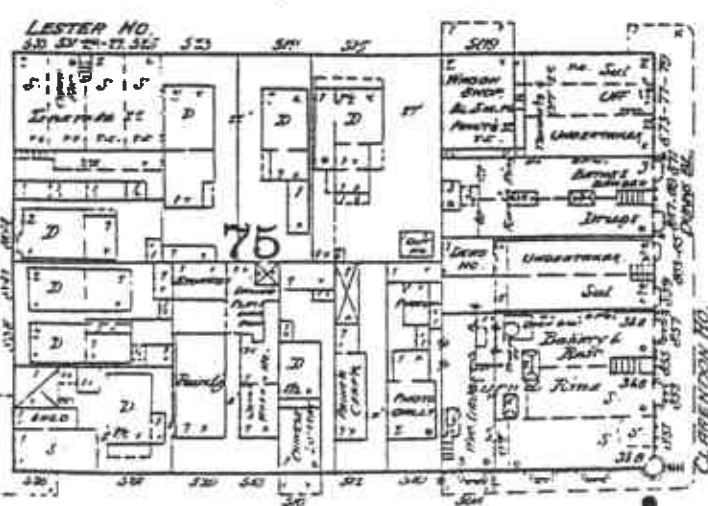


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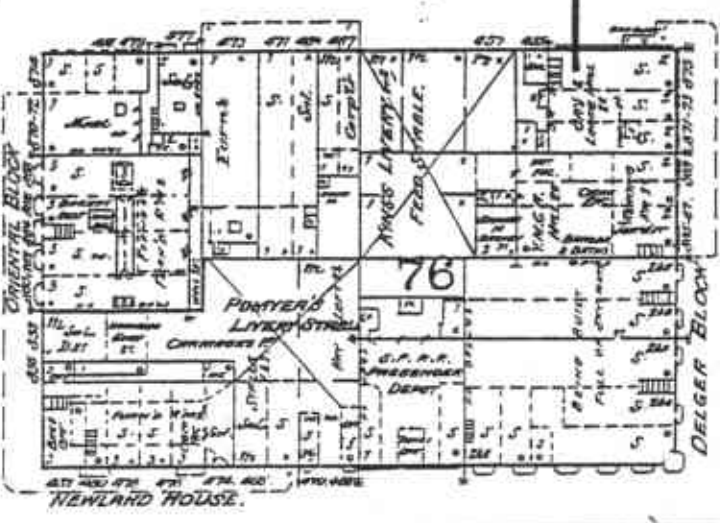
STREET

80

84



80



DELGER BLOCK

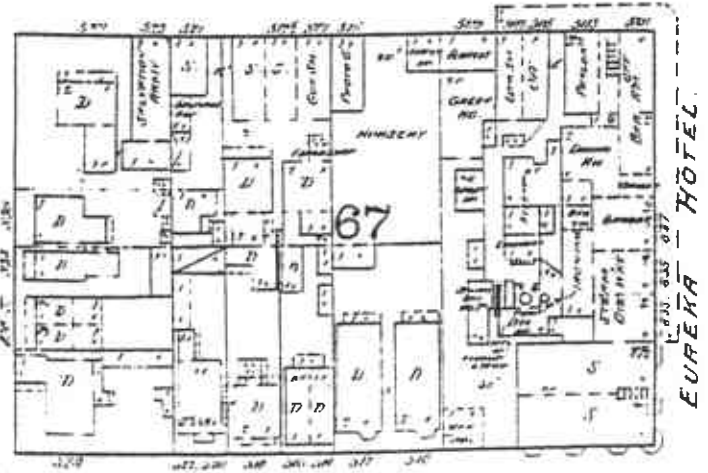
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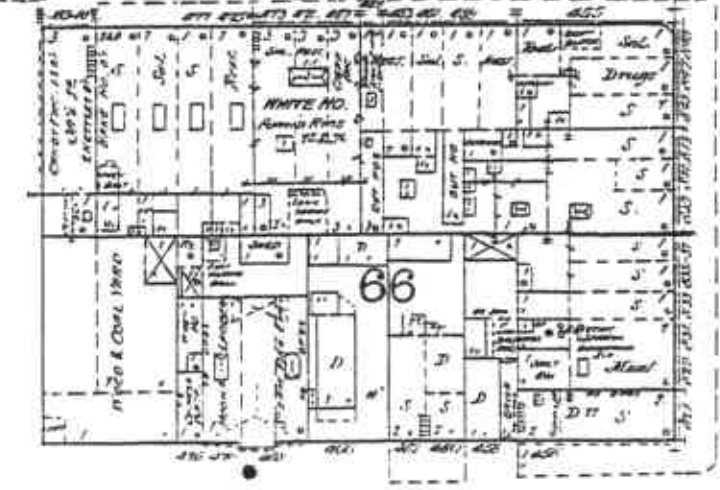
CLAY

6B

Scale of Feet



WASHINGTON



STREET

82

83

5

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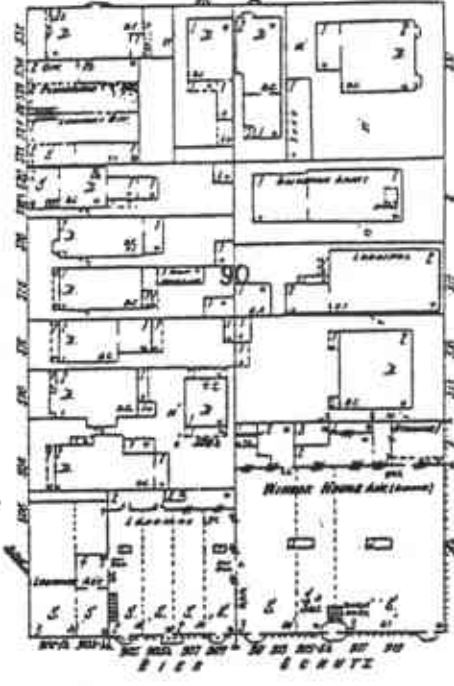
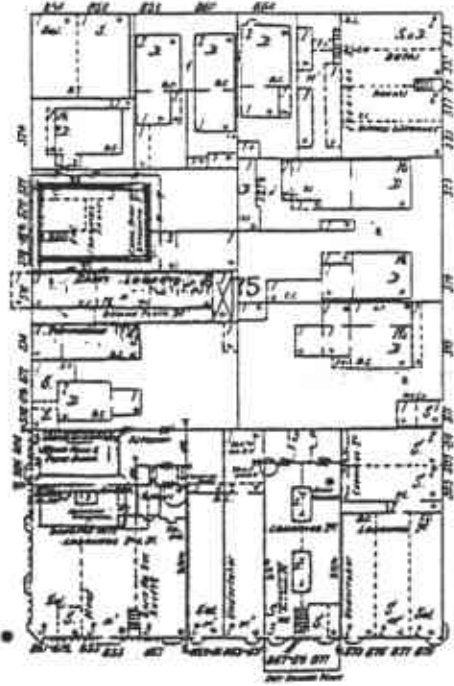
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1902

24

CLAY

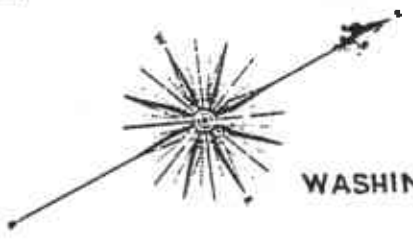
ST.



ST. 80 ft wide

ST.

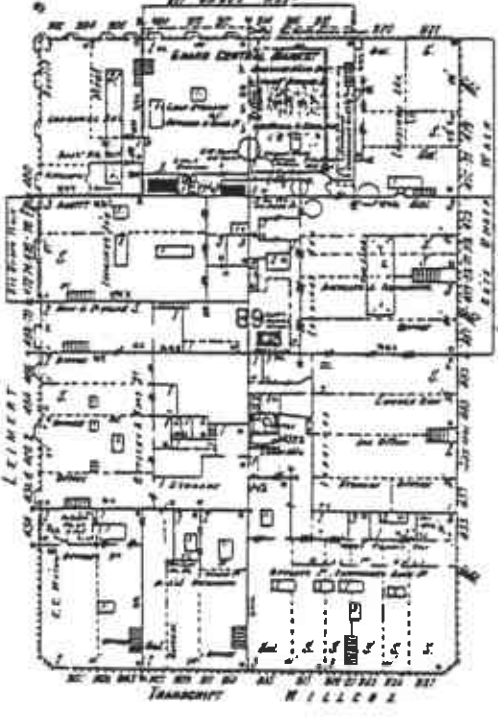
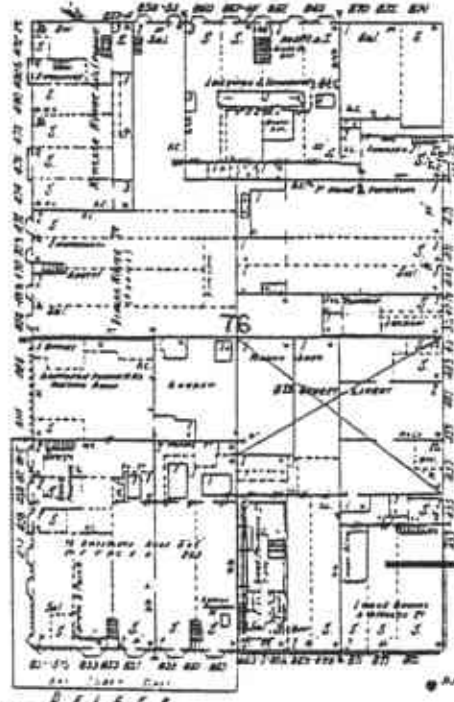
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WASHINGTON

80 ft wide

6



Subject Property

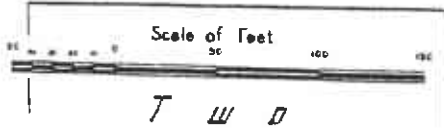
8TH

9TH

BROADWAY



137



S E P

V D I U M P

T W D

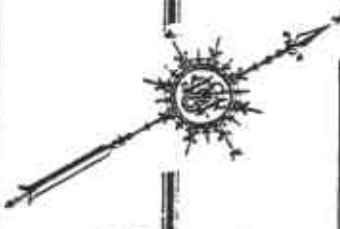
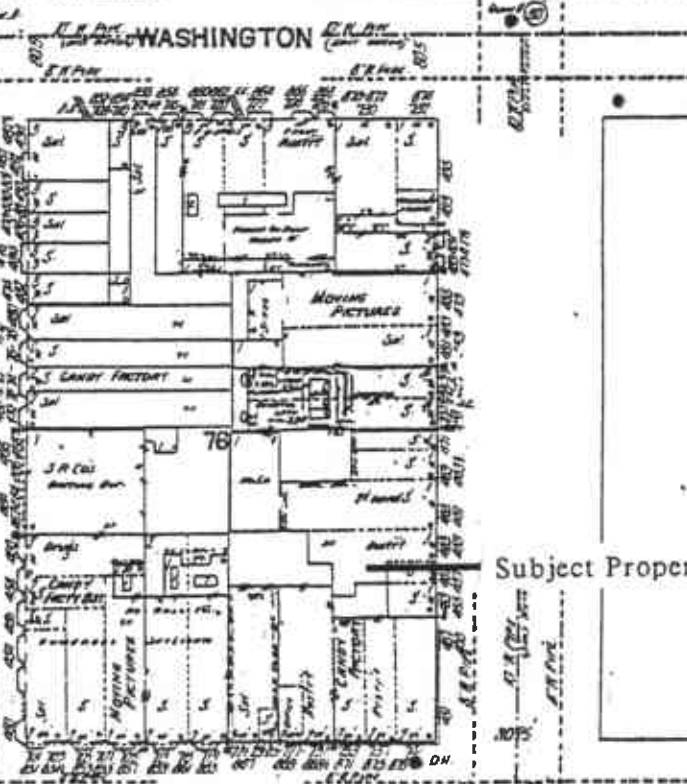
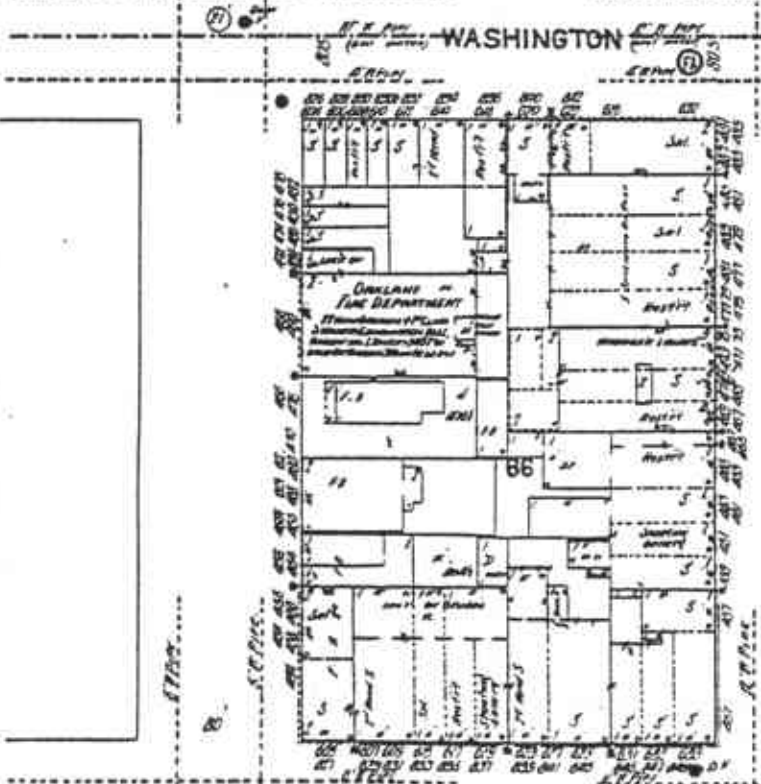
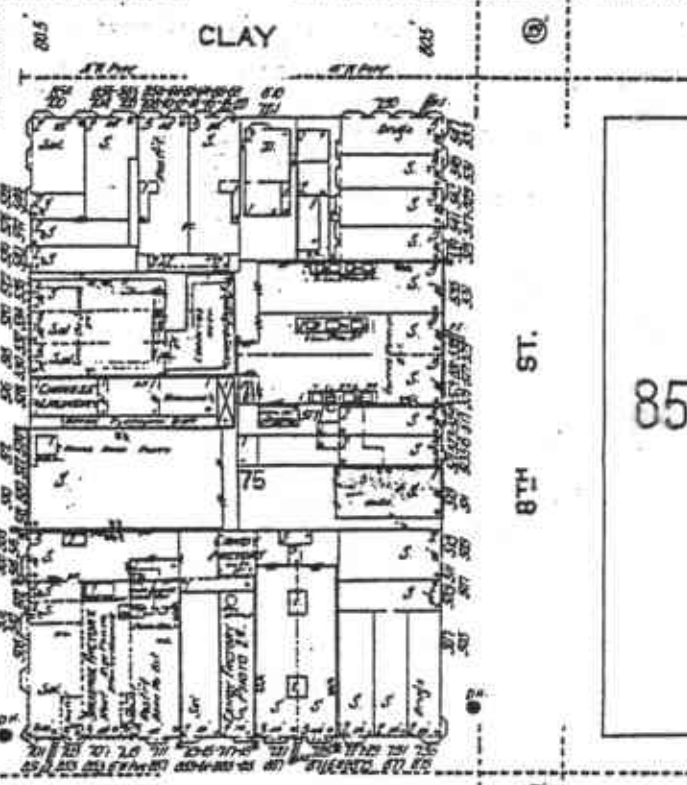
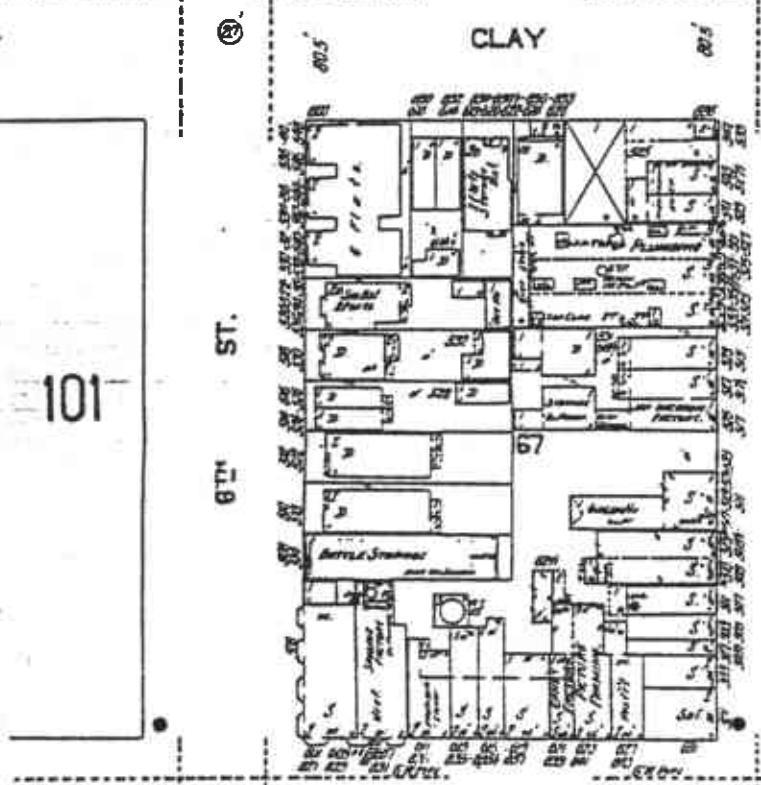
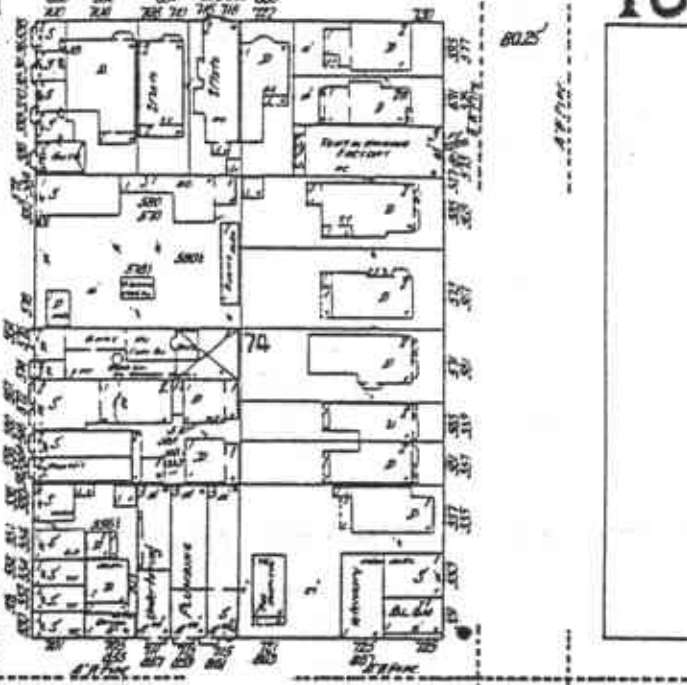
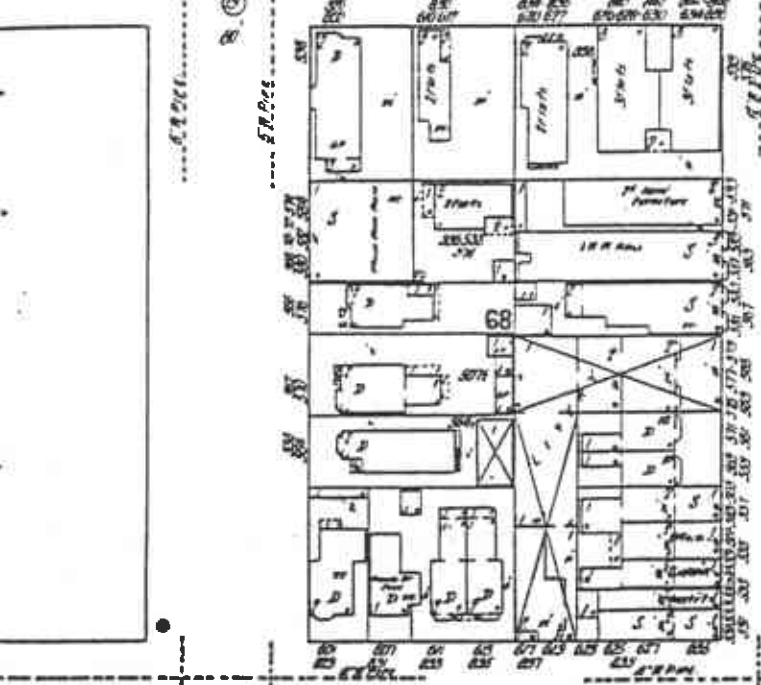
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1912

JEFFERSON 100

JEFFERSON 84



102 102

101

85

6TH ST.

8TH ST.

WASHINGTON

WASHINGTON

BROADWAY

BROADWAY

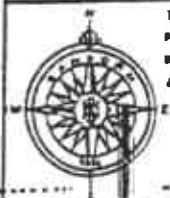
See Vol. Two

See Vol. Two

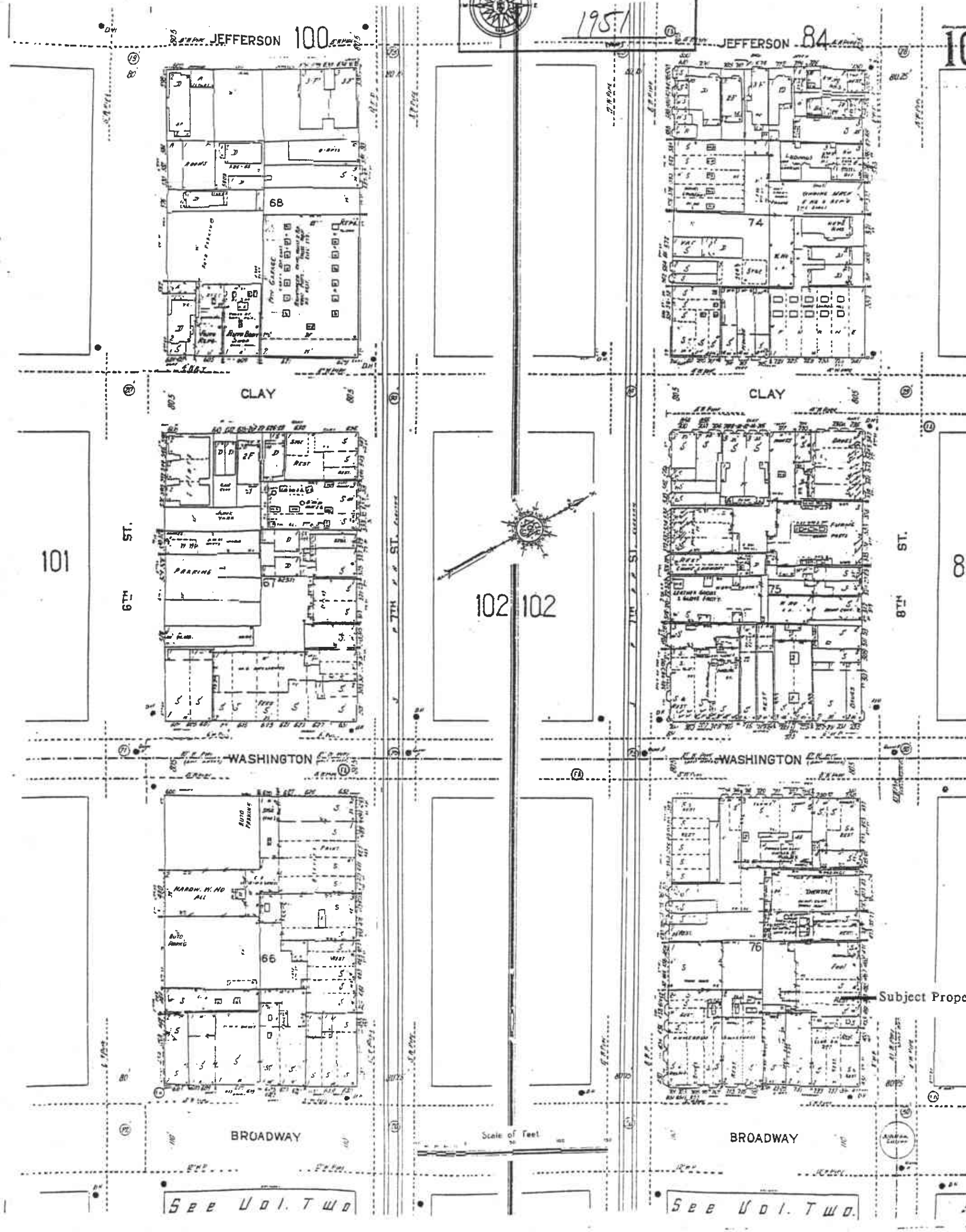
Scale of Feet

Subject Property

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1951



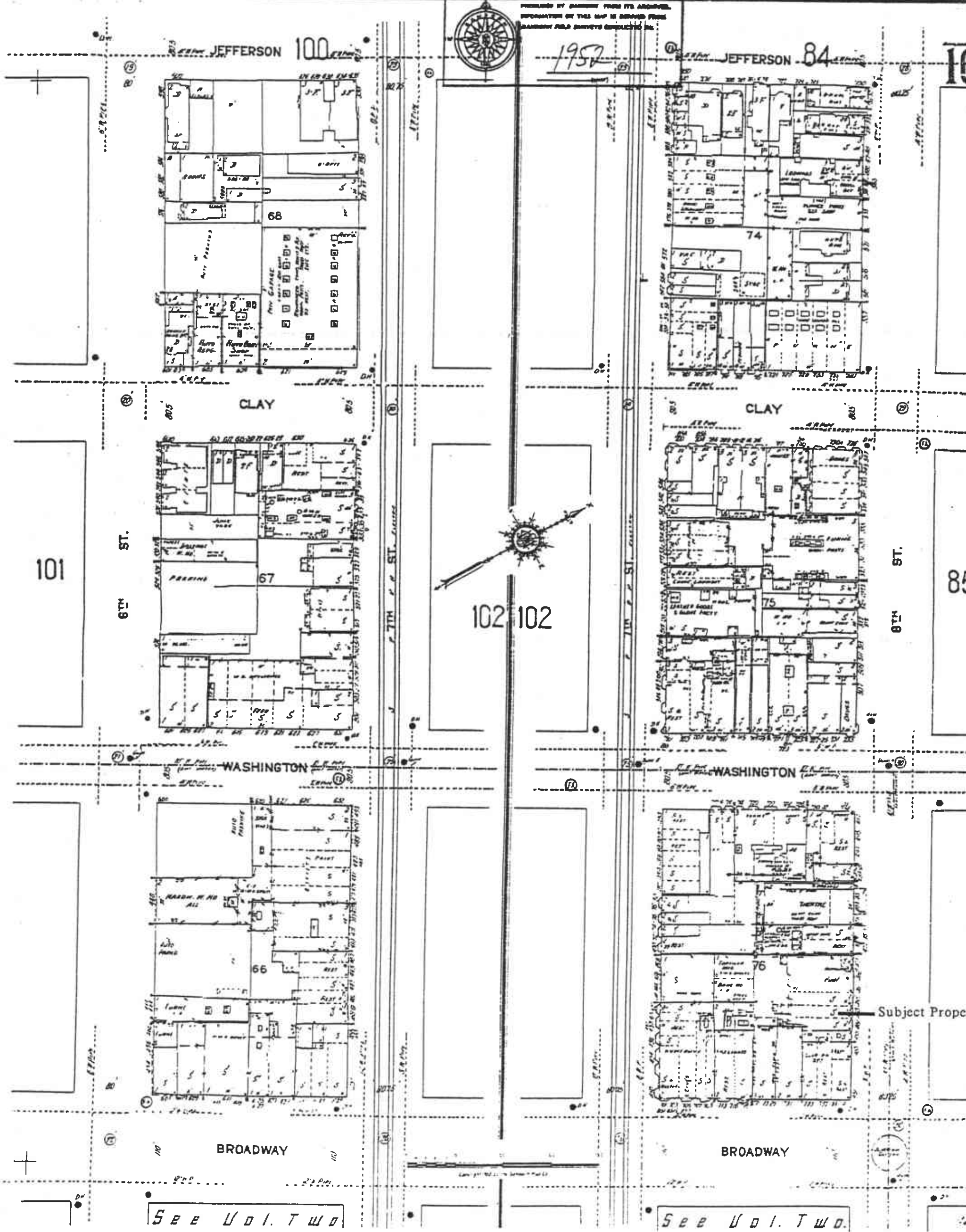
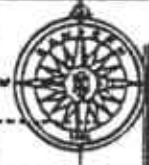
See U.O.I.T.W.O.

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Subject Property

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1957



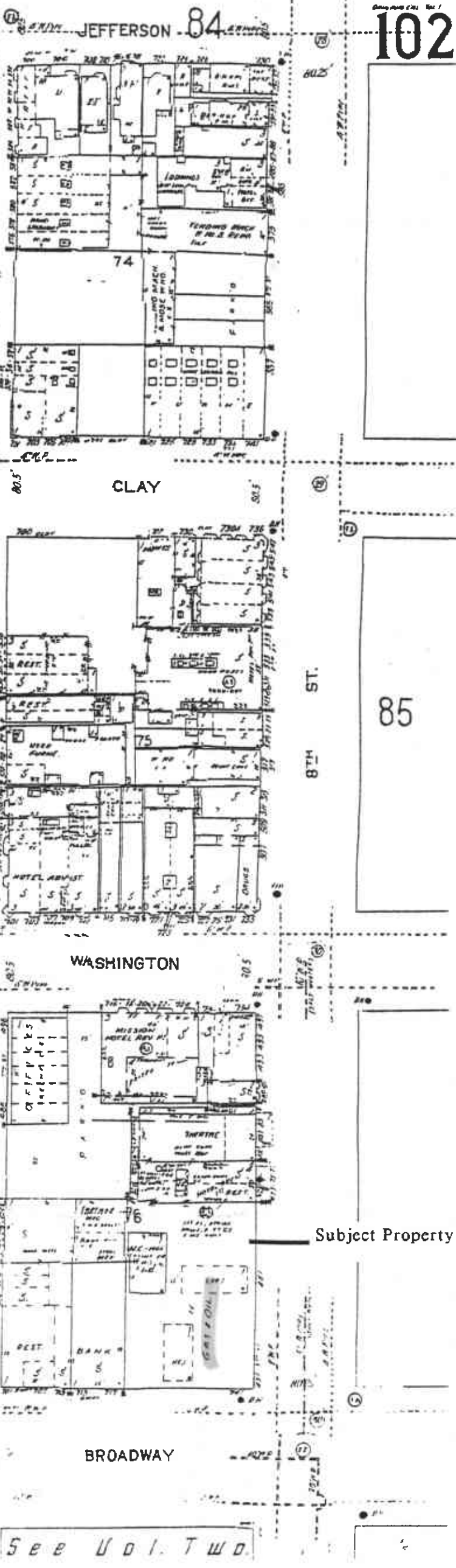
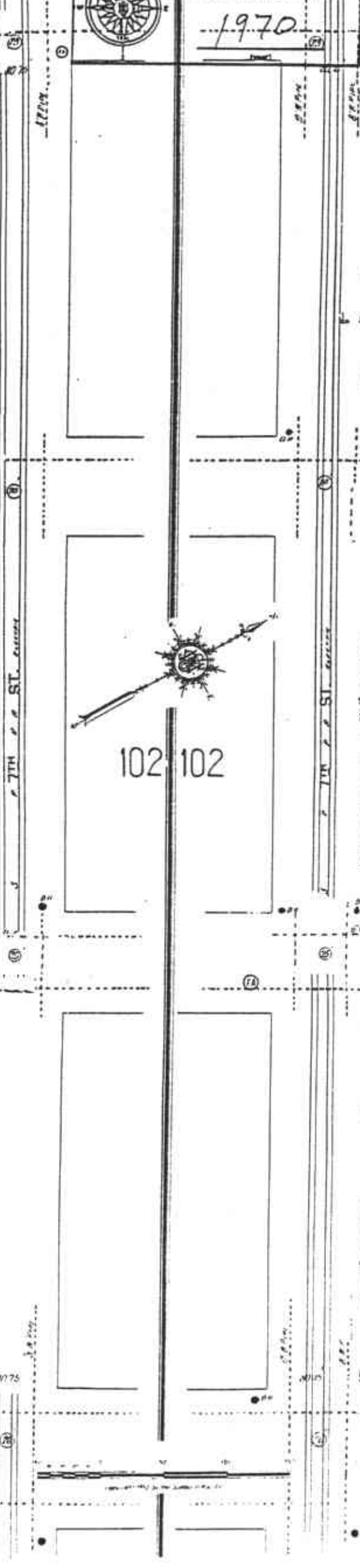
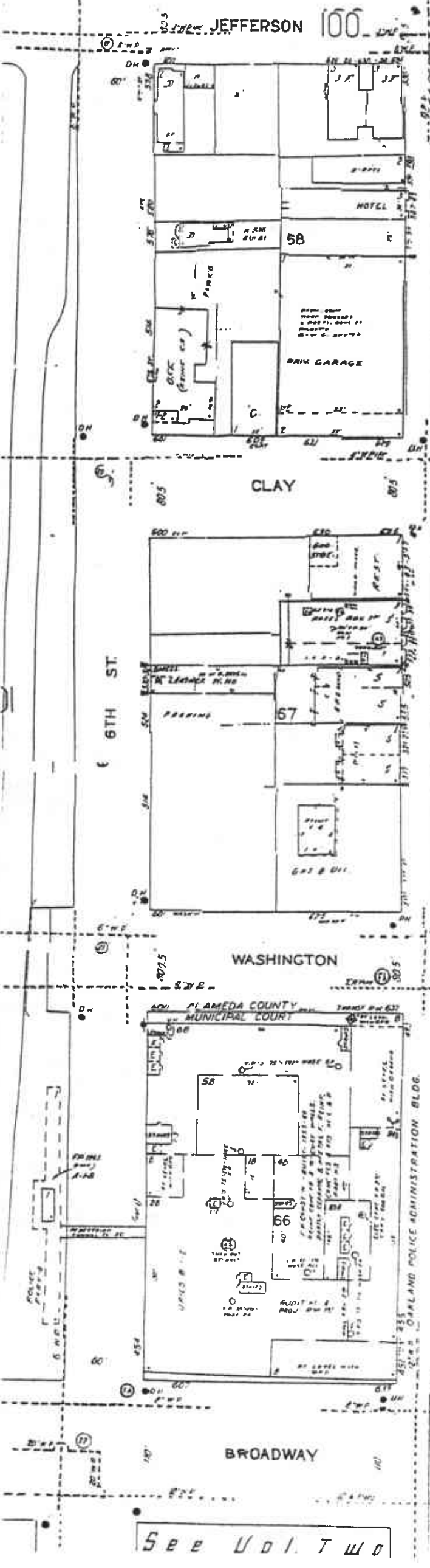
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1970

102



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