BSK & Associates, Geotechnical Consultants, Inc.

LETTER OF TRANSMITTAL

TO: Alameda County Health Agency	**DATE:** 7/30/96 — **PROJECT NO. 04-40-0084**
Department of Environmental Health	**ATTENTION:** Public Health Director
1131 Harbor Bay Parkway	**RE:** DC Metals, Inc./Former AMCO Chemical Company
Alameda, California 94502	1414 Third Street, Oakland, California

WE ARE SENDING YOU

[X] Attached [ ] Under separate cover via _____ the following items:

[ ] Final Reports [X] Draft reports [ ] Plans [ ] Samples [ ] Specifications
[X] Copy of letter [ ] Change order [ ] _____

COPIES	DATE	NO.	DESCRIPTION
1	7/24/96		Draft RI/FS Work Plan Transmittal Letter
1	7/24/96		Draft RI/FS Work Plan

THESE ARE TRANSMITTED as checked below:

[ ] For approval [X] For review and comment [ ] Return for Corrections
[ ] For your use [ ] Approved as submitted [ ] _____
[ ] As requested [ ] Approved as noted

SIGNED: Khaled Rahman

ENVIRONMENTAL PROTECTION 96 AUG -5 PM 2:47

cc: Ray Cherry, DC Metals, Inc.
Christine Noma, Wendel, Rosen, Black & Dean
Craig Judson, Bold, Polisner, Maddow, Nelson & Judson
June Nagy
Lynn Nakashima, Cal-EPA, DTSC
Sum Arigala, RWQCB - San Francisco Bay Region

BSK
1181 Quarry Lane, Building 300
Pleasanton, CA 94566
(510) 462-4000 • FAX (510) 462-6283

July 24, 1996
Project No. 04-40-0084

Ms. Lynn Nakashima
Associate Hazardous Materials Specialist
California Environmental Protection Agency
Department of Toxic Substances Control, Region 2
700 Heinz Avenue, Suite 200
Berkeley, California 94710-2737

Subject: **DRAFT RI/FS WORK PLAN**
DC Metals, Inc./Former AMCO Chemical
1414 Third Street
Oakland, California

Dear Ms. Nakashima:

BSK & Associates (BSK) is pleased to submit the attached Draft RI/FS Work Plan, on behalf of DC Metals, Inc., for the site located at 1414 Third Street in Oakland, California. This Draft RI/FS Work Plan has been prepared in accordance with Section 5.2.2 of the *Imminent or Substantial Endangerment Determination and Remedial Action Order* (the Order) which was issued for the site by the California Environmental Protection Agency - Department of Toxic Substances Control on April 26, 1996.

If you have any questions or comments, please do not hesitate to call me at (510) 462-4000.

Sincerely,
BSK & ASSOCIATES

Khaled B. Rahman, R.G., C.H.G.
Senior Hydrogeologist

cc: Ray Cherry, DC Metals, Inc.
Christine Noma, Wendel, Rosen, Black & Dean
Craig Judson, Bold, Polisner, Maddow, Nelson & Judson
June Nagy
Sum Arigala, Regional Water Quality Control Board - San Francisco Bay Region

DRAFT
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
WORK PLAN

DC Metals, Inc./Former AMCO Chemical Corporation
1414 Third Street
Oakland, California

July 24, 1996

DRAFT

Prepared for:

DC METALS, INC.
1414 Third Street
Oakland, CA 94607

Prepared by:

BSK & ASSOCIATES
1181 Quarry Lane, Building 300
Pleasanton, California 94566

Project DCM101/04-40-0084

DRAFT
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
WORK PLAN

DC Metals, Inc.
1414 Third Street
Oakland, California

July 24, 1996

The material and data in this report were prepared under the supervision and direction of the undersigned.

BSK & ASSOCIATES

DRAFT

Khaled Rahman, R.G., No. 5739, C.H.G. No. 0261
Senior Hydrogeologist

DRAFT

John Hedley, P.E.
Principal

EXECUTIVE SUMMARY

The subject site, located at 1414 Third Street in Oakland, California, was a chemical distribution facility operated by AMCO Chemical Corporation (AMCO) between the 1960s and 1989. During operation, the site consisted of office and warehouse buildings, a railroad spur, aboveground tanks, and underground tanks used to transfer and store raw materials. All aboveground tanks and drums were removed from the site by AMCO in 1989. The site is currently owned by Cypress Street Investments (CSI) and operated as a scrap metal yard by DC Metals, Inc (DC Metals).

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The California Environmental Protection Agency - Department of Toxic Substances Control (DTSC) has issued an Imminent and Substantial Endangerment Determination and Remedial Action Order dated April 26, 1996 (the Order) for the site to AMCO, CSI and DC Metals. BSK & Associates has been retained by DC Metals to provide the environmental services needed to respond to the Order.

This document presents the draft RI/FS Work Plan requested in the Order by DTSC. Due to a variety of circumstances including (1) sudden and previously unidentified concerns outlined in the Order, (2) difficulty obtaining background information for AMCO, DTSC and Alameda County, and (3) closure of Philip Environmental Services Corporation's northern California office, this Draft RI/FS Work Plan focuses on background information, the field sampling activities and the health and safety plan.

The site is located in a mixed industrial and residential neighborhood of western Oakland, California. Topography slopes toward San Francisco Bay and the Oakland Inner Harbor, which are located west and south of the site, respectively. Soil beneath the vicinity of the site consists of up to 10 feet of silt/clay, peat or sand/gravel fill which is underlain by silty sand with intermittent sand or clay lenses. Groundwater is generally encountered within 10 feet below ground surface (BGS), and may be confined or unconfined depending on shallow soil type. Based on monitoring well measurements, groundwater reportedly flows toward the west-southwest. Anecdotal information indicates significant tidal influence associated with subsurface utilities.

based on what?

from where? Bob's?

Previous onsite investigation activities indicated the presence of total oil and grease, 1,1–dichloroethane, 1,1,1–trichloroethane, 1,1,2-trichloroethane, and selected metals in surface soil samples collected adjacent to aboveground tanks in 1986. No other significant onsite investigation activities are known.

In 1995 and early 1996, California Department of Transportation (Caltrans) conducted investigations immediately south of the site as part of an evaluation of soil and groundwater conditions at footing locations for the realignment of Interstate 880. Caltrans investigation activities indicated the presence of a variety of petroleum hydrocarbons, chlorinated hydrocarbons, pesticides and metals in soil and groundwater adjacent to the site. The soil and groundwater investigation activities conducted by Caltrans indicated that (1) soil in the area consists of peat, fill or silt/clay to approximately 10 feet below ground surface (BGS) which is underlain by silty sand to 55 feet BGS, (2) petroleum and chlorinated hydrocarbons concentrations detected up to 55 feet BGS, and (3) the concentrations of constituents of concern generally increase toward the DC Metals facility.

The proposed scope of work includes the following tasks: DRAFT

1. Evaluation of Utility Corridors as Preferential Groundwater Flow Pathways
2. Geophysical Survey of Site GPR ?
3. Phase I Field Investigation - CPT/Hydropunch Soil and Groundwater Investigation good

Potential additional phases of work inlcude:

1. Phase II Field Investigation - Well Installation Program gd
2. Phase III Field Investigation - Quarterly Groundwater Monitoring gd
3. Risk Assessment gd

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LIST OF ATTACHMENTS

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APPENDICES

1 INTRODUCTION

BSK & Associates (BSK) has prepared this draft Remedial Investigation/Feasibility Study (RI/FS) Work Plan, on behalf of DC Metals, Inc. (DC Metals), for the site located at 1414 Third Street in Oakland, California. This Draft RI/FS Work Plan has been prepared in accordance with Section 5.2.2 of the *Imminent or Substantial Endangerment Determination and Remedial Action Order* (the Order) which was issued for the site by the California Environmental Protection Agency - Department of Toxic Substances Control on April 26, 1996. The Order named the following responsible parties: DC Metals as site operator, Cypress Street Investments as site owner, and AMCO as former site operator/owner.

1.1 Site Information

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Site information is as follows:

Site Location:	1414 Third Street Oakland, California 94607
Property Owner:	Cypress Street Investments 1414 Third Street Oakland, California 94607
Property Operator:	DC Metals, Inc. 1414 Third Street Oakland, CA 94607
Former Property Operator:	AMCO Chemical Corporation 2133 Pine Knoll Drive #7 Walnut Creek, CA 94565

1.2 Purpose and Objectives

The purpose of the RI/FS process is to assess site conditions and to evaluate alternatives to the extent necessary to select a remedy appropriate to the site. The objectives of the RI/FS process are to (1) determine the nature and extent of impact resulting from releases of hazardous substances at the site, (2) identify exposure pathways, (3) determine the magnitude and

probability of harm to public health, safety or welfare, or to the environment posed by the threatened or actual release of hazardous substances, (4) identify and evaluate appropriate response measures to prevent or minimize future releases and mitigate releases that have already occurred, and (5) collect and evaluate the information necessary to prepare a Remedial Action Plan (RAP).

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The Order requested the following sections (1) Project Management Plan, (2) Scoping Document, (3) Field Sampling Plan, (4) Quality Assurance Project Plan, (5) Health and Safety Plan, (6) Other Activities, and (7) Schedule. Due to a variety of circumstances including (1) sudden and previously unidentified concerns outlined in the Order, (2) difficulty obtaining background information for AMCO, DTSC and Alameda County, and (3) closure of Philip Environmental Services Corporation's northern California office, this Draft RI/FS Work Plan focuses on background information, the field sampling activities and the health and safety plan. This Draft RI/FS Work Plan is submitted to obtain comments from DTSC on the technical approach prior to formal plan finalization in order to efficiently and cost effectively address concerns at the site. Additional sections of the RI/FS will be submitted following receipt of comments on these sections.

2 PROJECT MANAGEMENT PLAN

To be completed

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3 SCOPING DOCUMENT

3.1 Site Property

3.1.1 Site Description

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The site is located at the northwestern corner of Third Street and Mandela Parkway in a mixed industrial and residential neighborhood of Oakland, California (see Figure 1). Cypress Street Investments currently owns the property. Cypress Street Investments leases the property to DC Metals for operation as a scrap metal yard. Scrap metal is transported onsite, stored in piles, and segregated using heavy equipment.

The surface of the site is covered with buildings or concrete. The concrete reportedly does not contain rebar but is locally up to 30 inches thick. A truck scale is located immediately east of the office and warehouse buildings (see Figure 2). Two aboveground storage tanks containing propane and oxygen, respectively, for welding operations are located onsite.

Regional topography slopes slightly to the southwest toward Oakland Inner Harbor, which is located approximately 0.5 to 1.0 mile south of the site, and San Francisco Bay, which is located approximately 2.0 miles west of the site. The Order indicates that the regional groundwater flow direction follows topography toward the west-southwest.

3.1.2 Site History

Review of Sanborn maps indicates that the development of the site vicinity began early in the 20th century (see Appendix A) with structure first-noted in 1912. Based on Sanborn maps, [redacted] Cole Tank Works operated the site in the 1950s. The site was operated by AMCO Chemical Company (AMCO) from the 1960s until purchased by Cypress Investments in the 1989. Based on aerial photographs and DTSC files, AMCO stored chemicals in drums, aboveground storage tanks, and underground storage tanks. The drums and aboveground storage tanks were removed from the site by AMCO prior to Cypress Street Investments/DC Metals possession of the property.

Three underground storage tanks have been associated with the site. Alameda County Department of Environmental Health records indicate the presence of two 10,000-gallon underground storage tanks which were reportedly used to store glycols. A previous investigation report for the site indicated that the underground storage tanks were located north of the shed adjacent to the truck scale location (Engineering-Science, 1986). The current presence of these two underground tanks beneath the site has not been confirmed.

In addition, a single underground storage tank was encountered during installation of subsurface utilities adjacent to the site beneath the sidewalk along Third Street. The tank reportedly contained petroleum hydrocarbons.

3.1.3 Previous Work

In 1986, Engineering-Science of Berkeley, California collected and analyzed six surface soil samples at the site. The soil samples were collected along the railroad spur and adjacent to aboveground storage tanks. The analytical results indicated locally elevated concentrations of oil and grease (7,700 mg/kg to 170,000 mg/kg), 1,1,1-trichloroethane (below detection limits to 25.5 mg/kg), 1,1-dichloroethane (below detection limits to 2.1 mg/kg), arsenic (4 to 540 mg/kg) and lead (96 to 1,300 mg/kg) (see Table 1 and Figure 3).

3.2 Offsite Properties

3.2.1 Southern Pacific Transportation Company/Marathon Delivery Service

Southern Pacific Transportation Company owns the properties directly east and south of the site. The property located east of the site was formerly operated as a freight depot by Southern Pacific and Marathon Delivery Service. Investigations related to underground fuel storage tanks have been reported at the former freight depot.

3.2.2 Southern Pacific Transportation Company/Former Bobo's Junkyard

Southern Pacific formerly leased the property located due south of the site for operation as Bobo's

Junkyard. DTSC reports that several investigations and removal actions have taken place at the Bobo's Junkyard property.

California Department of Transportation (Caltrans) is currently constructing the replacement to the Cypress Structure of Interstate 880 immediately south of the site. The realignment corridor of Interstate 880 is located immediately adjacent to the site, and along Southern Pacific's property including the former Bobo's Junkyard.

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In late 1995, APEX Environmental Recovery (APEX) of Huntington Beach, California, conducted soil and groundwater investigation activities at the former Bobo's Junkyard as part of the proposed footing locations for the realignment corridor of Interstate 880 for Caltrans.

In late 1995 and early 1996, APEX conducted a supplemental investigation which included the collection of soil and groundwater samples along Third Street between DC Metals and Bobo's Junkyard. The soil and groundwater investigation activities conducted by APEX indicated that (1) soil in the area consists of peat, fill or silt/clay to approximately 10 feet below ground surface (BGS) which is underlain by silty sand to 55 feet BGS, (2) petroleum and chlorinated hydrocarbons concentrations detected up to 55 feet BGS, and (3) the concentrations of constituents of concern generally increase toward the DC Metals facility. Constituents of concern include vinyl chloride, 1,1-dichloroethane, cis-1,2-dichloroethylene, and toluene.

3.2.3 Bay Area Rapid Transit/Former Alexander's Ragtime Auto-Wreckers

The vacant lot located immediately north of the site is currently owned by Bay Area Rapid Transit (BART) and was previously operated as an auto-wrecking yard by Alexander's Ragtime Auto-wreckers. Soil samples collected at the BART property contained elevated concentrations of several metals. The one soil sample analyzed for volatile organics contained trace concentrations of aromatic hydrocarbons and did not contain detectable concentrations of chlorinated hydrocarbons (Engineering-Science, 1987).

3.2.4 California Soda

California Soda (Cal Soda) operates the property located Immediately north of the BART

property. Alameda County files indicate that Cal Soda uses several of the chemicals (i.e., 1,1,1–trichloroethane, methyl chloride and xylenes) which have been encountered in soil and groundwater samples in the vicinity of the site.

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3.3 Proposed Scope of Work

As discussed during the May 31, 1996 strategy meeting, a phased approach to conducting the RI/FS process is recommended. Phase I will include (1) obtaining and reviewing background data for the site and other potential sources, (2) evaluating utility corridors as preferential groundwater flow pathways, (3) conducting an onsite soil and groundwater investigation using a cone penetration rig. Subsequent phases of work will be based on the findings of Phase I, and are currently anticipated to include (1) installation of onsite groundwater monitoring wells, (2) conducting an offsite soil and groundwater investigation, (3) installing offsite groundwater monitoring wells, (4) performing a risk assessment, and (5) monitoring onsite and offsite wells.

3.3.1 Background Data Review

Background data review is currently in progress. Since issuance of the Order, DC Metals representative have requested background data from AMCO and various regulatory agencies, and conducted an agency database review (see Appendix A).

June Nagy (AMCO) has indicated that most of the files related to their operations at the site have been destroyed, and anecdotal details are not readily available due to the death of Louis Nagy, the former AMCO President, and another key employee. Documents containing analytical results for the site were recently transmitted to DTSC by Ms. Nagy.

Alameda County, DTSC, and BART have recently transmitted files in accordance with Public right-to-know requests filed by Wendel, Rosen, Black & Dean. Documents related to Caltrans activities at Bobo's Junkyard have also been recently obtained.

An agency data base review was conducted by Environmental Risk Information & Imaging Services. The agency database review included identification listed sites within a one mile radius

of the site, and historic Sanborn and topographic maps of the site vicinity.

A preliminary review of the available background data is summarized above. Detailed review will be conducted as part of the scope of work presented herein.

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3.3.2 Evaluate Utility Corridors as Preferential Groundwater Flow Pathways

Migration of constituents of concern near the site may be affected by groundwater flow within the backfill of utility corridors. Anecdotal information indicates that tidal influence frequently results in water collection in utility trenches during installation or repair work in the vicinity of the site. BSK & Associates proposes to locate and evaluate whether utility corridors serve as preferential groundwater flow pathways allowing or enhancing constituent migration onto or from the site. The following activities are proposed:

- Review historical and current maps of the area to locate major utility corridors (i.e., water, sanitary sewer, storm sewer, as well as major gas and electrical lines)
- Review available engineering drawings for these trenches.
- Evaluate the potential for these utility corridors to serve as pathways for shallow groundwater.

4 FIELD SAMPLING PLAN

4.1 Project Preparation

The following tasks will be completed prior to initiating site activities:

- Obtain DTSC approval of the RI/FS Work Plan.
- Obtain drilling permits for CPT/Hydropunch activities from Alameda County Flood Control and Water Conservation District Zone 7.
- Notify Underground Service Alert of intrusive activities.
- Select and execute contracts with subcontractors for geophysical surveying, CPT/Hydropunch work, and other tasks.
- Conduct geophysical survey (see below).
- Concrete core at each sampling location.

4.2 Geophysical Survey

Although Underground Service Alert will be contacted, a geophysical survey of each sampling location will be conducted in order to confirm the absence of subsurface obstructions. The geophysical survey is planned to include electromagnetic and ground penetrating radar methods. Due to the presence of scrap metal and 30-inch thick concrete, these geophysical methods, although the most appropriate for the site, are likely to have a reduced effectiveness. Coordinating the geophysical survey after working hours, and/or during a period of low scrap metal volume may increase the effectiveness of the survey.

4.3 CPT/Hydropunch Investigation

Based on the locations of AMCO's aboveground tanks, railroad spur, and a 40-50 foot grid pattern, 24 sampling locations are proposed. A cone penetration test (CPT) rig will be used to (1) evaluate soil conditions beneath the site, (2) collect soil samples and (3) collect groundwater samples. A CPT rig will be used in order to reduce the quantity of soil cuttings and decontamination fluid produced during the Phase I RI/FS work.

4.3.1 Vadose Zone Sampling

Soil samples will be collected from 3, 7, 10 feet BGS at each sampling location to identify potential onsite source areas of constituents of concern. Soil samples will be collected by hydraulically driving the sampling assembly to the top of the sampling interval, retrieving the drive tip, and hydraulically driving the sampler 6 inches, and removing the sampling assembly. Soil samples will be collected in 1.5-inch diameter brass liners. Upon removal, the sample liners will be sealed with Teflon tape and plastic end caps, sealed in plastic bags, and stored on ice pending transport to a California-certified hazardous materials testing laboratory.

During soil sampling activities, photoionization detector (PID) and/or flame ionization detector (FID) readings of soil headspace will be conducted. Headspace readings will be used to determine soil sample analysis and evaluate if deeper soil samples would be useful. Following completion of soil sampling activities, the borehole will be sampled from groundwater (see below), or sealed to the surface with bentonite-cement grout and capped with concrete.

4.3.2 Shallow Water-Bearing Zone

Shallow groundwater (10 to 20 feet BGS) will be sampled at each sampling location using a CPT rig equipped with a Hydropunch II or equivalent sampler. Groundwater samples will be collected by hydraulically driving the Hydropunch II sampling assembly to the bottom of the sampling interval, dislodging the drive tip, exposing 2 to 5 feet of Hydropunch II screen, collecting groundwater using a bailer, and filling the appropriate sample vials/bottles. Sample vials/bottles will be stored on ice pending transport to a California-certified hazardous materials testing laboratory. Following completion of groundwater sampling activities, Hydropunch II assembly will be removed and the borehole will be sampled for groundwater at a greater depth (see below), or sealed to the surface using bentonite-cement grout.

4.3.3 Deep Water-Bearing Zone

Deep groundwater (55 to 65 feet BGS) will be sampled at three onsite locations. The locations will comprise a north-south transect from the BART property to Third Street. Sampling procedures will be as described above.

4.3.4 CPT Stratigraphic Logging

Six sampling locations will be logged using CPT methods to determine stratigraphy beneath the site. The three deep groundwater sampling locations will be logged prior to sampling in order to identify sandy zones that will produce water. To reduce the potential of cross-contamination, each borehole will be sealed to the surface upon completion of the CPT log.

4.4 Soil and Groundwater Analyses

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Analysis of soil and groundwater samples collected during field activities will focus on the constituents of concern. Selected soil samples and each groundwater sample will be analyzed for aromatic hydrocarbons using EPA Method 8020/602 and chlorinated hydrocarbons using EPA Method 8010/601. Soil samples will be selected for analysis based on headspace readings measured using a PID or FID.

Selected soil and shallow groundwater samples will be analyzed for total volatile hydrocarbons (TVH) and total extractable hydrocarbons (THE) using modified EPA Method 8015, semi-volatile organic compounds (SVOCs) using EPA Method 8270/625. Samples will be selected for these analyses based on aboveground tank contents determined during background data review. BSK & Associates currently anticipates analyzing approximately 10% of the soil and groundwater samples collected for TVH, THE, and SVOCs.

metals? HVOCs?

Page 10, says all gw sample locations will be analyzed ?

During the May 31, 1996 strategy meeting, DTSC requested analysis of soil and groundwater samples for pesticides and polychlorobiphenyls (PCBs) due to their detection at Bobo's Junkyard. These compounds are not believed to have been used onsite. BSK & Associates currently anticipates analyzing approximately one soil sample collected at 3 feet BGS for pesticides and PCBs.

5 QUALITY ASSURANCE PROJECT PLAN

To be completed

6 HEALTH AND SAFETY PLAN

6.1 Organizational Structure

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The Project Manager (PM) for the Consultant has overall responsibility for safe conduct of field work, including full implementation of this operating procedure by project staff assisting with field work. The Consultant will comply with regulations, including OSHA 29 CFR 1910.134 (Respiratory Protection), 29 CFR 1910.120 (Hazardous Waste Operations), and 8 CCR 5192.

The PM shall assign a Site Safety Officer (SSO), who may be the Site Supervisor, to attend to day-to-day health and safety matters in the field. The SSO/Site Supervisor must be on-site whenever work by employees of the Consultant is being performed at the site. The PM, SSO or the Consultant's employees are authorized to suspend work when, in their judgement, working conditions become too hazardous. The PM or SSO may remove from the site any employee whose conduct endangers the health and safety of the employee or of others.

In addition, the PM, SSO, or Site Supervisor has primary responsibility for:

- Assuring that personnel are aware of known site conditions, components of this plan, and are familiar with planned procedures for dealing with emergencies.
- Monitoring the safety performance of site personnel to ensure that required work practices are employed, and correcting work practices that may result in injury or potential exposure to hazardous substances.
- Preparing accident/incident reports (see Appendix C).

The Consultant's Project Manager, Site Safety Officer and/or Site Supervisor shall have successfully completed the OSHA 40-hour safety training, plus requisite annual 8-hour recertification training.

6.2 Administration

6.2.1 Safety Meetings - Daily Tailgate Meetings

"Tailgate" safety meetings shall be held daily prior to work start-up to present and review health and safety concerns associated with the project.

6.2.2 Emergency Response - Initial Response

All emergencies shall be reported by dialing **911** on a mobile phone to be maintained on site at all times. The nearest Hospital is:

Summit Medical Center
350 Hawthorne Avenue, Oakland, California
Emergency Room
(510) 869-6600

Appendix C contains a figure that indicates a route between the site location and hospital location.

6.3 Potential Chemical Hazards

Chemicals which have been detected at the site from previous investigations and present a potential hazard to personnel are listed in Table 1. The primary route of entry for the chemicals which have high vapor pressures would be inhalation.

6.4 Monitoring

6.4.1 Odors

Unusual odor or other chemical warning encountered during work activities would result in cessation of work.

6.4.2 Air Monitoring

The breathing zone will be monitored during site activities using a photoionization detector and/or flame ionization detector.

6.5 Personal Protective Equipment

If the compounds described in Section 6.3 are encountered during the site activities, the most likely entry route for contaminants to workers is inhalation and skin contact.

6.5.1 Perceived Hazards

6.5.1.1 Inhalation

If the compounds described are encountered inhalation is anticipated to be the primary route of exposure.

6.5.1.2. Skin Contact

Contact with the skin during sampling may be anticipated as a secondary route for exposure.

6.5.1.3. Eye Contact

Contact with fluids during sampling may be anticipated as a secondary route of exposure.

6.5.2 Personal Protective Equipment

6.5.2.1 Respirator with organic vapor cartridges and HEPA filters

To prevent inhalation exposure shall be donned if photoionization detector and/or flame ionization detector readings described in Section 5.0 exceed 5 ppm for 5 minutes.

6.5.2.2. Nitrile gloves

To prevent contact with skin will be worn during sampling.

6.5.2.3. Eye Protection

To prevent contact with the eyes, chemical goggles shall be worn around fluids. Workers not handling fluids shall wear protective eyewear to guard against flying debris. Eyewear must conform to ANSI Standard Z87.1.

6.5.3 Working PPE Levels

Workers within the work area control zones should be dressed in Level C Protective apparel, which includes, but is not limited to:

Level C	Respirator with proper cartridges
	Coated Tyvek
	and Level D apparel
Level D	Hard Hat
	Steel-toed Boots
	Safety Glasses/Goggles
	Nitrile Gloves
	Hearing Protection in vicinity if sampling rig

Upgrading or downgrading from Level C apparel will be dependent on air monitoring results. If photoionization detector and/or flame ionization detector readings described in Section 6.4.2 exceed 50 ppm for 5 minutes, sampling operation will be terminated and the borehole will be immediately backfilled with bentonite-cement grout. If photoionization detector and/or flame ionization detector readings described in Section 6.4.2 are less than 5 ppm for 5 minutes, field personnel may downgrade to Level D apparel. However, air monitoring must continue during sampling activities with appropriate upgrading or downgrading of PPE.

6.6 Dust Suppression

Dust generation is not anticipated during sampling activities. If dust generation becomes significant, particulates will be suppressed using a fine water spray.

6.7 Physical Hazards

In addition to slip, trip and fall, heat stress is the physical hazards most likely at the project site. Heat stress is likely to be a significant hazard when the ambient temperature exceeds 85°F. Some effects of heat stress include flush skin, rash, irritability, faintness, or dry, cool skin.

Wearing PPE, if required, can place a worker at considerable risk of developing heat stress. This can result in health effects ranging from transient heat fatigue to serious illness or death. Heat stress is caused by a number of interacting factors, including environmental conditions, clothing, workload, and the individual characteristics of the worker. Because heat stress is a common and potentially serious illness, regular monitoring for signs and symptoms of distress and implementing other appropriate precautions are essential.

To help prevent heat stress, site personnel should maintain their body fluids at normal levels. Daily fluid intake must approximately equal the amount of water lost in sweat. The normal thirst mechanism is not sensitive enough to ensure that sufficient water will be drunk to replace sweat lost. The following is recommended when heavy sweating occurs:

- Maintain water temperature at 50 - 60°F.
- Drink 16 ounces of fluid (water or electrolyte replacement fluid such as Gatorade) before beginning work.
- Drink a cup or two every 15 to 20 minutes, or at each break. A total of 1 to 1.6 gallons of fluid per day are recommended, but more may be necessary to maintain body weight.
- Work breaks of increasing frequency with increasing ambient temperature are recommended. If appropriate, heart rate monitoring during work breaks can indicate if rest periods are adequate. Heart rate should not exceed 110 beats per minute at the beginning of the rest period, and decrease by 10 beats per minute each following three minutes. If the heart rate exceeds this amount, shorten the next work cycle by one-third and keep the rest period the same.

Suggested monitoring frequencies are as follows:

Ambient Temperature (°F)	Without PPE	With PPE
72.5-77.5	After each 150 minutes of work	After each 120 minutes of work
77.5-82.5	After each 120 minutes of work	After each 90 minutes of work
82.5-87.5	After each 90 minutes of work	After each 60 minutes of work
87.5-90	After each 60 minutes of work	After each 30 minutes of work
90 and above	After each 30 minutes of work	After each 15 minutes of work

6.8 Decontamination

Decontamination of employees and equipment shall occur before exit from the sampling area. PPE and equipment that may be reused will be washed with detergent and water, and thoroughly rinsed with potable water. Fluids produced during decontamination will be temporarily stored onsite in DOT-approved containers.

Field personnel must remove Tyvek and gloves, and wash their hands prior to use of the rest room or eating and before leaving the contamination zone (hot zone). PPE should be properly decontaminated prior to leaving the site.

6.9 Illumination

No sampling activities are anticipated ½-hour after sunset and ½-hour before sunrise.

6.10 Confined Space Entry

Confined space entry is not anticipated, and will not be conducted under this Health and Safety Plan.

7 OTHER ISSUES

BSK & Associates does not have any other significant issues at this time. Should any arise, BSK & Associates will notify DTSC.

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8 SCHEDULE

Background data acquisition and review and development of additional sections of this RI/FS Work Plan will continue during DTSC review of this document. BSK & Associates will begin scheduling the proposed field investigation upon approval of this RI/FS Work Plan by the DTSC.

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9 REFERENCES

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APEX Environmental Recovery, 1995. Site Investigation Report, Bobo's Junkyard, Third Street and Mandela Parkway, Oakland, California. Prepared for California Department of Transportation - District 4. December 18, 1995.

APEX Environmental Recovery, 1996. Supplemental Site Investigation, Bobo's Junkyard, Third Street & Mandela Parkway. Prepared for CALTRANS - District 4. January 9, 1996.

California Environmental Protection Agency Department of Toxic Substances Control, 1996. Imminent or Substantial Endangerment Determination and Remedial Action Order, Docket No. I&/SE 95/96-005. April 26, 1996.

California Environmental Protection Agency Department of Toxic Substances Control, 1996. Correspondence to Ms. Christine Noma, Wendel, Rosen, Black & Dean. July 12, 1996.

California Environmental Protection Agency Department of Toxic Substances Control, 1994. Guidelines for Hydrogeologic Characterization at Hazardous Substances Release Sites. Volumes 1 and 2. Interim Final. 1994.

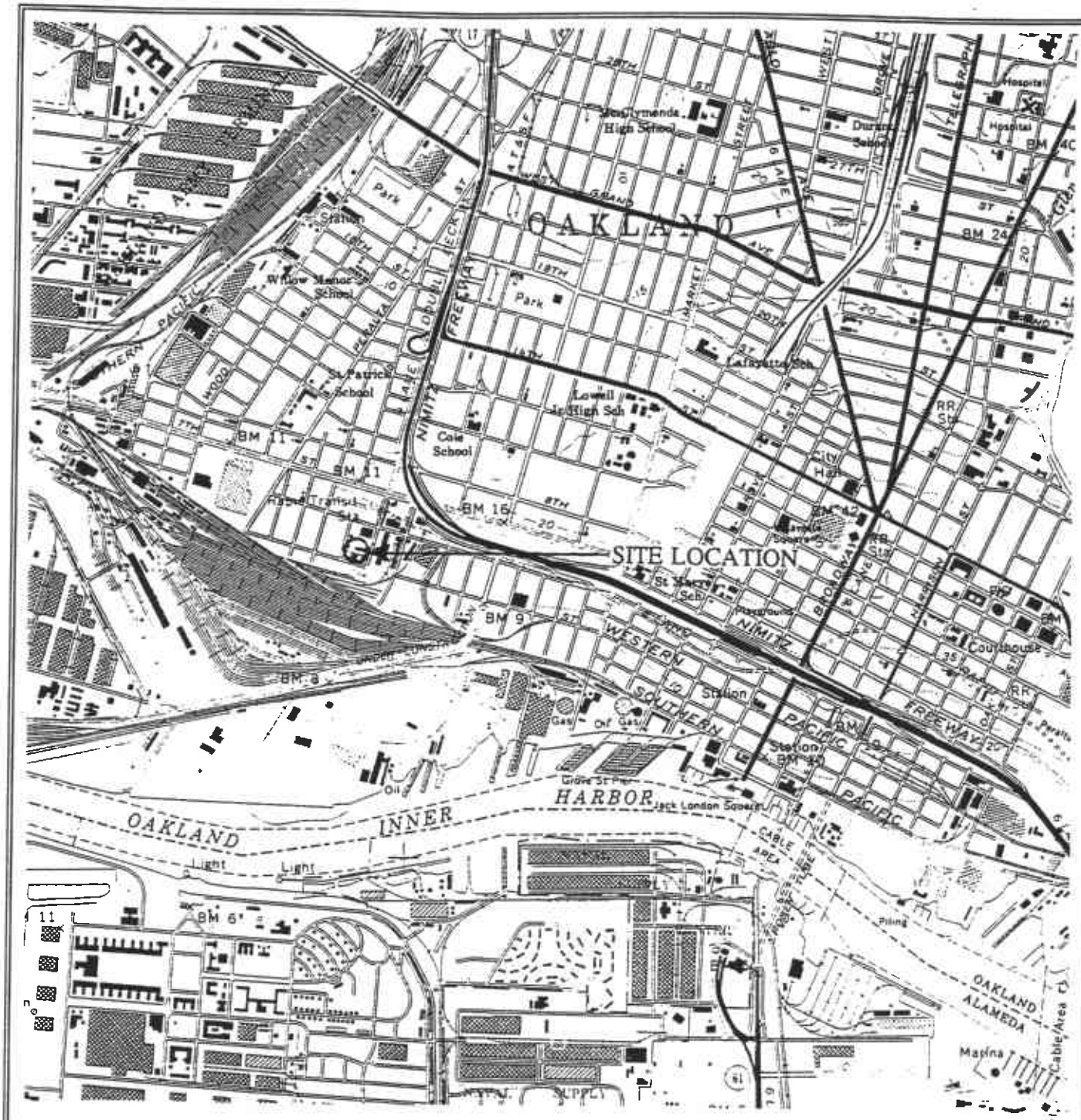
Engineering-Science, 1986. Site Investigation and Soil Sampling in Outside Yard Area. Prepared for AMCO Chemical Co. April 8, 1986.

Engineering-Science, 1987. Preliminary Environmental Assessment of 349 Cypress Street Property, Oakland, California. Prepared for Bay Area Rapid Transit District. April 23, 1987.

Environmental Risk Information & Imaging Services, 1996. 1414 Third Street, Oakland, CA 94607. Prepared for Wendel, Rosen, Black & Dean. June 11, 1996.

IT Corporation, 1984. Soil and Water Samples, AMCO Chemical. Prepared for Southern Pacific Transportation Company. May 1, 1994.

from Mrs. Nagy to DTSC



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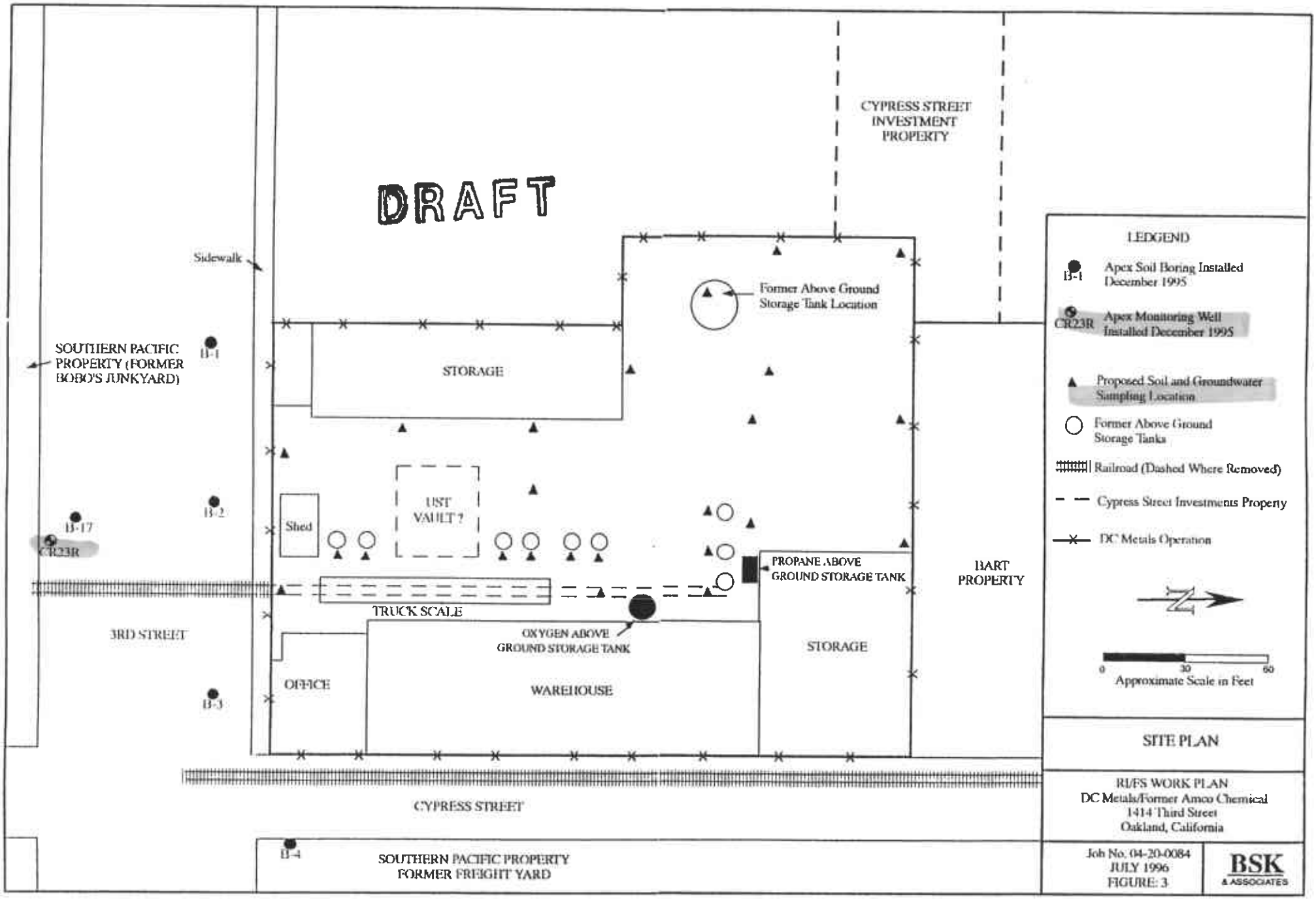
0 2000 4000
Approximate Scale in Feet

N

RI/FS WORK PLAN DC Metals/Former Amco Chemical 1414 Third Street Oakland, California	BSK Job No. 04-40-0084 FIGURE 1 SITE LOCATION MAP JULY 1996	BSK &ASSOCIATES


DRAFT
CYPRESS STREET INVESTMENT PROPERTY
Sidewalk
SOUTHERN PACIFIC PROPERTY (FORMER BOBO'S JUNKYARD)
B-1
B-2
B-17
CR23R
B-3
STORAGE
Former Above Ground Storage Tank Location
UST VAULT?
Shed
PROPANE ABOVE GROUND STORAGE TANK
TRUCK SCALE
OXYGEN ABOVE GROUND STORAGE TANK
BART PROPERTY
3RD STREET
OFFICE
WAREHOUSE
STORAGE
CYPRESS STREET
B-4
SOUTHERN PACIFIC PROPERTY FORMER FREIGHT YARD
LEDGEND
B-1 Apex Soil Boring Installed December 1995
CR23R Apex Monitoring Well Installed December 1995
Proposed Soil and Groundwater Sampling Location
Former Above Ground Storage Tanks
Railroad (Dashed Where Removed)
Cypress Street Investments Property
DC Metals Operation
0
30
60
Approximate Scale in Feet
SITE PLAN
R1/FS WORK PLAN
DC Metals/Former Amco Chemical
1414 Third Street
Oakland, California
Job No. 04-20-0084
JULY 1996
FIGURE: 3
BSK & ASSOCIATES

3-17-86

Table 1
SOIL ANALYTICAL RESULTS
Onsite Petroleum Hydrocarbons and Volatile Organic Compounds

1414 Third Street
Oakland, California

Sample Description	Date Sampled	Sample Depth (feet BGS)	TOG (mg/kg)	Chloro-ethane (mg/kg)	1,1-DCA (mg/kg)	t-1,2-DCE (mg/kg)	Freon-113 (mg/kg)	Methylene Chloride (mg/kg)	PCE (mg/kg)	TCE (mg/kg)	1,1,1-TCA (mg/kg)	1,1,2-TCA (mg/kg)	Vinyl Chloride (mg/kg)
EPA Analytical Method:				601	601	601	601	601	601	601	601	601	601
Residential Adult Soil PRGs			-	1,100	840	170	4,100	11	7.0	7.1	3,000	1.4	0.0052
A	03/17/86	0-0.5	**20,000**	ND(<0.00008)	ND(<0.0004)	ND(<0.0002)	ND(<0.0004)	ND(<0.0008)	ND(<0.0002)	ND(<0.0004)	0.466	ND(<0.0004)	ND(<0.00008)
B	03/17/86	0-0.5	**7,700**	ND(<0.00008)	ND(<0.0004)	ND(<0.0002)	ND(<0.0004)	ND(<0.0008)	ND(<0.0002)	ND(<0.0004)	ND(<0.0004)	ND(<0.0004)	ND(<0.00008)
C	03/17/86	0-0.5	**170,000**	ND(<0.00008)	ND(<0.0004)	ND(<0.0002)	ND(<0.0004)	ND(<0.0008)	ND(<0.0002)	ND(<0.0004)	0.622	ND(<0.0004)	ND(<0.00008)
D	03/17/86	0-0.5	**140,000**	ND(<0.00008)	2.1	ND(<0.0002)	ND(<0.0004)	ND(<0.0008)	ND(<0.0002)	ND(<0.0004)	25.5	1.8	ND(<0.00008)
E	03/17/86	0-0.5	**93,000**	ND(<0.00008)	ND(<0.0004)	ND(<0.0002)	ND(<0.0004)	ND(<0.0008)	ND(<0.0002)	ND(<0.0004)	0.294	ND(<0.0004)	ND(<0.00008)
F	03/17/86	0-0.5	**30,000**	-	-	-	-	-	-	-	-	-	-

Only detected halogenated hydrocarbons are summarized above.

EPA	Environmental Protection Agency
ft-BGS	Feet below ground surface
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
PRG	Region IX Preliminary Remediation Goals, September 1, 1995
DCA	Dichloroethane
DCE	Dichloroethene
PCE	Tetrachloroethene
TCA	Trichloroethane
TCE	Trichloroethene
TOG	Total Oil and Grease
VOCs	Volatile organic compounds

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Table 2
SOIL ANALYTICAL RESULTS
Onsite Total Metals

1414 Third Street
Oakland, California

Sample Description	Date Sampled	Sample Depth (feet BGS)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)
Residential Adult Soil PRGs:			22	5,300	9.0	210	130	-	380	380
A	03/17/86	0-0.5	5.5	81	1.8	89	96	ND(<0.2)	ND(<0.5)	ND(<2.5)
B	03/17/86	0-0.5	12	170	3.0	**350**	**290**	**0.33**	0.65	ND(<2.5)
C	03/17/86	0-0.5	4.0	200	4.5	**260**	**340**	**2.11**	ND(<0.5)	ND(<2.5)
D	03/17/86	0-0.5	5.7	170	2.0	**350**	**370**	ND(<0.28)	ND(<0.5)	ND(<2.5)
E	03/17/86	0-0.5	**74**	240	2.5	**710**	**1,300**	**0.93**	ND(<0.5)	ND(<2.5)
F	03/17/86	0-0.5	**540**	310	2.0	120	**290**	ND(<0.23)	ND(<0.5)	ND(<2.5)

Only detected compounds are summarized above.

ft-BGS Feet below ground surface

mg/kg milligrams per kilogram

PRG Region IX Preliminary Remediation Goals, September 1, 1995

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Table 3
OFFSITE SOIL ANALYTICAL RESULTS
Petroleum Hydrocarbons and Volatile Organic Compounds

1414 Third Street
Oakland, California

Location Descriptic	Date Sampled	Sample No.	Sample Depth (ft·BGS)	TPHg (mg/kg)	TPHd (mg/kg)	Acetone (mg/kg)	Benzene (mg/kg)	2-Butanone (mg/kg)	Chloro-ethane (mg/kg)	1,1-DCA (mg/kg)	c-1,2-DCE (mg/kg)	t-1,2-DCE (mg/kg)	Ethyl-benzene (mg/kg)	Freon-113 (mg/kg)	Methylene Chloride (mg/kg)	4-Methyl -Pentanone (mg/kg)	PCE (mg/kg)	Toluene (mg/kg)	TCE (mg/kg)	Vinyl Chloride (mg/kg)	Total Xylenes (mg/kg)	Total VOCs (mg/kg)
	EPA Analytical Method			8015	8015	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240
	Residential Adult Soil PRGs			-	-	2,000	1.4	6,700	1,100	940	59	170	590	4,100	11	-	7.0	1,900	7.1	0.0052	880	
CR23R	Nov-95	CR23R-1	1.0	*	15,600	1.2	ND	1.4	ND	ND	0.57	ND	0.34	0.19	1.4	ND	0.15	4.6	ND	ND	5.0	15
	Nov-95	CR23R-3	3.0	*	19,200	1.3	0.36	1.1	ND	0.45	12	ND	30	ND	1.2	ND	0.73	310	0.23	ND	132	489
	Nov-95	CR23R-5	5.0	*	10,900	1.0	ND	ND	ND	ND	1.0	ND	1.9	ND	1.2	ND	ND	40	ND	ND	103	148
	Nov-95	CR23R-7	7.0	ND	14	0.03 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nov-95	CR23R-10	10.0	685	ND	0.021 J	ND	0.014 J	ND	0.004 J	0.006	ND	0.005	0.005	0.020 J	ND	ND	0.12	ND	0.009 J	0.029	0.2
B-1	Dec-95	B-1-1	2.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001 J	ND
	Dec-95	B-1-2	4.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dec-95	B-1-3	7.0	-	-	ND	ND	ND	ND	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
	Dec-95	B-1-4	10.0	-	-	ND	ND	ND	ND	0.052	0.003 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
B-2	Dec-95	B-2-1	2.0	-	-	0.031 J	0.008	ND	ND	0.054	0.004 J	ND	0.032	ND	ND	ND	ND	0.068	ND	0.009 J	0.24	0.4
	Dec-95	B-2-2	4.0	-	-	ND	0.008	ND	ND	0.11	0.11	ND	0.002 J	ND	ND	ND	ND	0.22	0.003 J	0.12	0.012 J	0.8
	Dec-95	B-2-3	7.0	-	-	ND	0.01	ND	ND	0.18	0.091	ND	0.003 J	ND	ND	ND	ND	0.25	0.001 J	0.14	0.011 J	0.7
	Dec-95	B-2-4	10.0	-	-	ND	0.18	ND	ND	1.3	0.081	ND	0.85	ND	ND	ND	ND	19	ND	ND	4.4	26
B-3	Dec-95	B-3-1	2.0	-	-	ND	ND	ND	ND	1.5	18	ND	24	ND	ND	24	1.9	ND	1.2 T	ND	179	248
	Dec-95	B-3-2	4.0	-	-	ND	ND	ND	ND	0.20	3.3	ND	3.4	ND	ND	ND	ND	110	ND	ND	24.7	142
	Dec-95	B-3-3	7.0	-	-	ND	ND	ND	NQ	ND	0.10	ND	ND	ND	ND	ND	ND	1.3	ND	ND	0.11	1.5
	Dec-95	B-3-4	10.0	-	-	ND	0.016	ND	0.013	ND	0.30	0.007	0.011	ND	ND	ND	ND	0.44	ND	0.54	0.083	1.4
B-4	Dec-95	B-4-2	2.0	-	-	0.043 B	ND	ND	ND	ND	ND	ND	ND	ND	0.007 B	ND	ND	0.002 B	ND	ND	ND	ND
	Dec-95	B-4-4	4.0	-	-	0.046 B	ND	ND	ND	ND	ND	ND	ND	ND	0.020 B	ND	ND	ND	ND	ND	ND	ND
	Dec-95	B-4-7	6.0	-	-	0.012 B	ND	ND	ND	ND	ND	ND	ND	ND	0.007 B	ND	ND	ND	ND	ND	ND	ND
	Dec-95	B-4-10	10.0	-	-	0.012 B	ND	ND	ND	ND	ND	ND	ND	ND	0.007 B	ND	ND	ND	ND	ND	ND	ND
	Dec-95	B-4-11	15.0	-	-	0.011 B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dec-95	B-4-12	20.0	-	-	0.007 B	ND	ND	ND	ND	ND	ND	ND	ND	0.001 B	ND	ND	ND	ND	ND	ND	ND
B-17	Dec-95	B-17-1	2.0	-	-	ND	ND	ND	ND	ND	13	ND	11	ND	ND	ND	ND	ND	ND	ND	89	93
	Dec-95	B-17-3	4.0	-	-	ND	ND	ND	ND	ND	18	ND	28	ND	ND	31	ND	350	ND	ND	170	597
	Dec-95	B-17-4	7.0	-	-	0.038 B	ND	ND	ND	0.64	ND	ND	0.007	ND	ND	ND	ND	630	ND	ND	0.028	631
	Dec-95	B-17-5	10.0	-	-	0.034 B	ND	ND	ND	ND	0.008	ND	0.002 J	ND	ND	ND	ND	0.059	ND	0.009 J	0.015 J	0.1
	Dec-95	B-17-6	15.0	-	-	ND	0.011	ND	0.035	0.013	0.122	ND	0.006	ND	ND	ND	ND	0.073	0.002 J	0.97	0.04	1.3
	Dec-95	B-17-7	20.0	-	-	ND	ND	ND	ND	0.139	0.011	ND	0.024	ND	ND	0.052	ND	0.257	ND	ND	0.149	0.6
	Dec-95	B-17-8	25.0	-	-	ND	ND	ND	ND	0.003 J	0.004 J	ND	0.004 J	ND	ND	ND	ND	0.072	ND	ND	0.022	0.1
	Dec-95	B-17-9	30.0	-	-	ND	ND	ND	ND	ND	0.006	ND	0.003 J	ND	ND	ND	ND	0.078	ND	ND	0.019	0.1
	Dec-95	B-17-11	35.0	-	-	ND	ND	ND	ND	ND	0.29	ND	1.2	ND	ND	2.4	ND	18	ND	ND	7.0	29
	Dec-95	B-17-12	40.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND	0.002 J	0.0
	Dec-95	B-17-13	45.0	-	-	ND	ND	ND	ND	0.55	13.6	ND	11.5	ND	ND	13.4	ND	210	ND	ND	66.6	316
	Dec-95	B-17-14	50.0	-	-	ND	ND	ND	ND	0.007	0.041	ND	0.058	ND	ND	ND	ND	0.787	ND	0.002 J	0.348	1.2
	Dec-95	B-17-15	55.0	-	-	ND	ND	ND	ND	ND	0.14	ND	0.038	ND	ND	ND	ND	2.2	ND	ND	0.214	2.6

Only detected halogenated hydrocarbons are summarized above.

EPA Environmental Protection Agency
ft-BGS Feet below ground surface
mg/kg milligrams per kilogram
PRG Region IX Preliminary Remediation Goals, September 1, 1995
B Analyte detected in Method Blank
J Analyte detected and estimated
T Analyte detected in Trip Blank
DCA Dichloroethane
DCE Dichloroethene
PCE Tetrachloroethene
TCA Trichloroethane
TCE Trichloroethene
TPHg Total Petroleum Hydrocarbons as Gasoline
TPHd Total Petroleum Hydrocarbons as Diesel
VOCs Volatile organic compounds

Synonyms:
2-Butanone = Methyl Ethyl Ketone
Chloroethane = Ethyl Chloride
Freon-113 = 1,1,2-Trichloro-1,2,2-Trifluoroethane
Methylene Chloride = Dichloromethane
4-Methyl 2-Pentanone = Hexone

Table 4
OFFSITE GROUNDWATER ANALYTICAL RESULTS
Petroleum Hydrocarbons and Volatile Organic Compounds

1414 Third Street
Oakland, California

Location Descriptio	Date Sampled	Sample No.	Sample Depth (ft-BGS)	TPHg (ug/L)	TPHd (ug/L)	Acetone (ug/L)	Benzene (ug/L)	2-Butanone (ug/L)	Chloro-ethane (ug/L)	1,1-DCA (ug/L)	c-1,2-DCE (ug/L)	t-1,2-DCE (ug/L)	Ethyl-benzene (ug/L)	Freon-113 (ug/L)	Methylene Chloride (ug/L)	PCE (ug/L)	Toluene (ug/L)	1,1,1-TCA (ug/L)	1,1,2-TCA (ug/L)	TCE (ug/L)	Vinyl Chloride (ug/L)	Total Xylenes (ug/L)
EPA Analytical Method				8015	8015	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240	8240
California Primary MCLs						-	1.0	-	-	5.0	6.0	10	700	1,200	5.0	5.0	150	200	5.0	5.0	0.5	1,750
Tap Water PRGs						610	0.39	1,900	710	810	61	120	1,300	59,000	4.3	1.1	720	1,300	0.2	1.6	0.02	1,400
CR23R	11/17/95	CR23-R-W	4-19	2,950	1,300	ND	9.0	ND	ND	240	140	ND	40	ND	ND	1.0	1,000	ND	ND	4.0	33	253
B-1	12/22/95	B-1-5	2.5-10?	-	-	ND	38	ND	64	640	28	ND	ND	2.0	ND	ND	8.0	ND	ND	ND	32	4.0
B-2	12/22/95	B-2-5	2.5-10?	-	-	3,100	850	3,500	460	14,000	1,900	290	390	ND	180	ND	ND	1,500	120	ND	44,900	2,610
B-3	12/22/95	B-3-5	2.5-10?	-	-	ND	114	ND	350	204	1,640	17	85	8.0	ND	3.0	6,400	ND	ND	12	1,600	610
B-17	12/19/95	B-17-17-18	4-55?	-	-	ND	ND	ND	ND	2,750	81,000	ND	1,250	ND	ND	ND	110,000	ND	ND	ND	ND	6,300

Only detected halogenated hydrocarbons are summarized above.

EPA Environmental Protection Agency
ft-BGS Feet below ground surface
ug/L Micrograms per liter
MCL Maximum Contaminant Level per 22 CCR 64444
PRG Region IX Preliminary Remediation Goals, September 1, 1995
DCA Dichloroethane
DCE Dichloroethene
PCE Tetrachloroethene
TCA Trichloroethane
TCE Trichloroethene
TPHg Total Petroleum Hydrocarbons as Gasoline
TPHd Total Petroleum Hydrocarbons as Diesel

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Synonyms:
2-Butanone = Methyl Ethyl Ketone
Chloroethane = Ethyl Chloride
Freon -113 = 1,1,2-Trichloro-1,2,2-Trifluoroethane
Methylene Choride = Dichloromethane

TABLE 5
CONSTITUENTS OF CONCERN
Health and Safety Exposure Limits

1414 Third Street
Oakland, California

Compound	Media	Concentration Range	Organization	Vapor Pressure (mm Hg)	TLV-TWA (mg/m^3 [ppm])	TLV-STEL (mg/m^3 [ppm])	TLV-C (mg/m^3 [ppm])	IDLH (mg/m^3 [ppm])
Acetone	Soil (mg/kg) GW (mg/L)	-- up to 3.1	CA-PEL ACGIH NIOSH NIOSH - OSHA	180	1,780 [750] 1,780 [750] 590 [250] 2,400 [1,000]	2,400 [1,000] 2.380 [1,000] -- [--] -- [--]	-- [3,000] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [2,500] -- [--]
Benzene	Soil (mg/kg) GW (mg/L)	up to 0.18 up to 0.85	CA-PEL ACGIH NIOSH NIOSH - OSHA	75	-- [1.0] 32 [10] -- [0.1] -- [1.0]	-- [5.0] -- [--] -- [1.0] -- [5.0]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [500] -- [--]
Chloroethane (ethyl chloride)	Soil (mg/kg) GW (mg/L)	-- up to 0.46	CA-PEL ACGIH NIOSH NIOSH - OSHA	1,000	2,600 [1,000] 264 [100] -- [--] 2,600 [1,000]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [3,800] -- [--]
1,1-Dichloroethane	Soil (mg/kg) GW (mg/L)	up to 1.5 up to 14	CA-PEL ACGIH NIOSH NIOSH - OSHA	400 [100] 182	-- [--] 405 [100] 400 [100] 400 [100]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [3,000] -- [--]
cis & trans-1,2- Dichloroethylene	Soil (mg/kg) GW (mg/L)	up to 18 up to 81	CA-PEL ACGIH NIOSH - OSHA	180-265	790 [200] 793 [200] 790 [200]	-- [--] -- [--] -- [--]	-- [--] -- [--] -- [--]	-- [--] -- [--] 1,000
Ethylbenzene	Soil (mg/kg) GW (mg/L)	up to 24 up to 1.25	CA-PEL ACGIH NIOSH NIOSH - OSHA	7	435 [100] 434 [100] 435 [100] 435 [100]	545 [125] 543 [125] 545 [125] -- [--]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] --[800] -- [--]

Compound	Media	Concentration Range	Organization	Vapor Pressure (mm Hg)	TLV-TWA (mg/m^3 [ppm])	TLV-STEL (mg/m^3 [ppm])	TLV-C (mg/m^3 [ppm])	IDLH (mg/m^3 [ppm])
Methyl Chloroform (1,1,1-trichloroethane)	Soil (mg/kg) GW (mg/L)	-- up to 1.5	CA-PEL ACGIH NIOSH NIOSH -OSHA	100	1,900 [350] 1,910 [350] -- [--] 1,900 [350]	2,540 [450] 2,460 [450] -- [--] -- [--]	-- [800] -- [--] 1,900 [350] -- [--]	-- [--] -- [--] -- [700] -- [--]
Methyl Ethyl Ketone (2-butanone)	Soil (mg/kg) GW (mg/L)	-- up to 3.5	CA-PEL ACGIH NIOSH NIOSH - OSHA	78	590 [200] 590 [200] 590 [200] 590 [200]	885 [300] 885 [300] 885 [300] -- [--]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [3,000] -- [--]
Perchloroethylene (tetrachloroethane)	Soil (mg/kg) GW (mg/L)	up to 1.9 up to 0.003	CA-PEL ACGIH NIOSH - OSHA	14	170 [25] 170 [25] -- [100]	-- [--] 685 [100] -- [--]	-- [300] -- [--] -- [200]	-- [--] -- [--] -- [150]
Toluene	Soil (mg/kg) GW (mg/L)	up to 630 up to 110	CA-PEL ACGIH NIOSH NIOSH - OSHA	21	188 [50] 188 [50] 375 [100] -- [200]	560 [150] -- [--] 560 [150] -- [--]	-- [500] -- [--] -- [--] -- [300]	-- [--] -- [--] -- [500] -- [--]
1,1,2-Trichloroethane	Soil (mg/kg) GW (mg/L)	-- up to 0.12	CA-PEL ACGIH NIOSH NIOSH - OSHA	19	45 [10] 55 [10] 45 [10] 45 [10]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [100] -- [--]
Trichloroethylene	Soil (mg/kg) GW (mg/L)	up to 1.2 up to 0.012	CA-PEL ACGIH NIOSH NIOSH - OSHA	58	135 [25] 269 [50] -- [25] -- [100]	1,080 [200] 537 [100] -- [2.0] -- [--]	-- [300] -- [--] -- [--] -- [200]	-- [--] -- [--] -- [1,000] -- [--]
Vinyl Chloride	Soil (mg/kg) GW (mg/L)	up to 0.54 up to 44	CA-PEL ACGIH NIOSH NIOSH - OSHA	3.3 atm	-- [1.0] 13 [5.0] -- [--] -- [1.0]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [--] -- [5.0]	-- [--] -- [--] -- [--] -- [--]

Compound	Media	Concentration Range	Organization	Vapor Pressure (mm Hg)	TLV-TWA (mg/m^3 [ppm])	TLV-STEL (mg/m^3 [ppm])	TLV-C (mg/m^3 [ppm])	IDLH (mg/m^3 [ppm])
Xylenes	Soil (mg/kg) GW (mg/L)	up to 179 up to 8.3	CA-PEL ACGIH NIOSH NIOSH - OSHA	7 to 9	435 [100] 434 [100] 435 [100] 435 [100]	655 [150] 651 [150] 655 [150] -- [--]	-- [300] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [900] -- [--]
Arsenic	Soil (mg/kg) GW (mg/L)	up to 540 --	CA-PEL ACGIH NIOSH	0	0.01 [--] 0.01 [--] -- [--]	-- [--] -- [--] 0.002 [--]	-- [--] -- [--] -- [--]	-- [--] -- [--] 5.0 [--]
Lead	Soil (mg/kg) GW (mg/L)	up to 1,300 --	CA-PEL ACGIH NIOSH NIOSH - OSHA	0	0.05 [--] 0.05 [--] 0.1 [--] 0.05 [--]	-- [--] -- [--] -- [--] -- [--]	-- [--] -- [--] -- [--]	-- [--] -- [--] 100 [--] -- [--]

-- - Not Available
ACGIH - American Conference of Governmental Industrial Hygienists
C - Ceiling
CA-PEL - California Occupational Safety and Health Administration - Permissible Exposure Limit
GW - Groundwater
IDLH - Immediately dangerous to life or health
mg/kg - Milligram per kilogram
mg/L - Milligram per liter
mg/m^3 - Milligram per cubic meter
NIOSH - National Institute for Occupational Safety and Health
OSHA - Occupational Safety and Health Administration
ppm - parts per million
STEL - Short-term exposure limit
TLV - Threshold limit value
TWA- Time weighted average

References - 8 CCR 5155
ACGIH, 1995-1996 Threshold Limit Values (TLVs) for chemical Substances and (Physical Agents and Biological Exposure Indices (BEIs), 1995.
California Environmental Protection Agency - Department of Toxic Substances Control, Imminent or Substantial Endangerment Determination and Remedial Action Order, April 26, 1996.
Engineering-Science, Site Investigation and Soil Sampling in Outside Yard Area, April 8, 1986.
NIOSH, Pocket Guide to Chemical Hazards. June 1994.

APPENDIX A

Background Documents

DRAFT

PERTAINING TO:
1414 THIRD STREET
OAKLAND, CA 94607

REPORT NUMBER:
92772A

PREPARED ON:
06/11/1996

ON BEHALF OF:
Wendel, Rosen, Black & Dean, LLP
1111 Broadway
24th Floor
Oakland, CA 94607

If you have any questions or comments regarding this report, please contact ERIIS Customer Service at 1-800-989-0403, locally at 703-834-0600, or fax us at 703-834-0606. Thank you for your order.

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ERIIS REPORT OVERVIEW

The following features are available for an ERIIS report:

* Database Report
    * Statistical Profile
    * Database Records
* Related Maps
    * Digital Custom Plotted Map
    * Sanborn Fire Insurance Map(s)
    * Topographical Map(s)

Statistical Profile

The statistical profile is an at-a-glance numeric summary of the databases searched for your ERIIS Report.

Database Records

The detailed federal and state database information indicates potential and actual environmental threats within the study radius. These records are sorted by their distance from the study site.

Digital Custom Map

The digital custom map is cross referenced with the database records. The cross-in-circle in the center of the map represents the study site. The red circles represent distances from the study site. The plottable sites in the report are distinguished on the map by symbols of different shape and color.

Historic Fire Insurance Maps

The ERIIS collection of historical Sanborn Fire Insurance Maps covers 14,000 cities and towns. These maps may indicate prior use of the study site. If no maps are available for the study site, a notice to that effect is included. This notice should serve as evidence of due diligence.

Topographical Map

USGS topographical maps show natural and man-made features as well as the shape and elevation of the terrain. The 7.5 minute quad maps are produced at a scale of 1:24,000, or one inch represents 2,000 feet.

If you have any questions about this report,
please contact ERIIS Customer Service at 1-800-989-0403

ERIIS ASTM STATISTICAL PROFILE
State: CA

ERIIS Report #92772A

Jun 11, 1996

Site:
1414 THIRD STREET
OAKLAND, CA 94607

Latitude: 37.802717
Longitude: -122.292644

Database	Radius (Mi)	Property**	Property-1/4	1/4-1/2	1/2-1	>1	TOTAL
NPL	1		0	0	0		0
RCRIS_TS	1		0	0	1		1
CERCLIS	.5		0	0			0
NFRAP	.5		1	2			3
RCRIS_LG	.25		4				4
RCRIS_SG	.25		3				3
ERNS	.05		0				0
HWS	1		8	8	38		54
LRST	.5		5	10			15
SWF	.5		0	0			0
RST	.25		8				8
OGW	.25		0				0
			29	20	39	0	88

Radon Zone Level: 2

Zone 2 has a predicted average indoor screening level > = 2 pCi/L and < = 4 pCi/L

A Radon Zone should not be used to determine if individual homes need to be tested for radon. The EPA's Office of Radiation and Indoor Air (202/233-9320) recommends that all homes be tested for radon, regardless of geographic location or the zone designation in which the property is located.

**A property is defined as a .05 mile buffer around the site's latitude and longitude.

A blank radius count indicates that the database was not searched by this radius per client instructions.

NR in a radius count indicates that the database cannot be reported by this search criteria due to insufficient and/or inaccurate addresses reported by a federal/state agency.

- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

ERNS
Date of Data: 07/01/1995
Release Date: 10/16/1995
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-2342

Emergency Response Notification System - 1995

ERNS is a national computer database system that is used to store information concerning the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS Reporting System contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party. Please note that the information in the ERNS Report pertains only to those releases that occured between January 1, 1995 and July 1, 1995.

HWS
Date of Data: 01/04/1996
Release Date: 01/11/1996
CA Dept. of Toxic Substances Control
Site Mitigation Branch/CalSites
916/323-3400

California Calsites

The California Calsites Report contains information pertaining to potentially contaminated hazardous waste sites. Sites formerly listed in the Annual Workplan (AWP), the Abandoned Sites Project Information System (ASPIS), and the Bond Expenditure Plan (BEP) are now included in the Calsites Database.

LRST
Date of Data: 10/23/1995
Release Date: 11/13/1995
CA Water Quality Control Board(s)
Cal EPA - Hazardous Materials Data Mgt.
916/445-6532

California Leaking Underground Storage Tank Report

The California Leaking Underground Storage Tank Report contains information pertaining to all reported active and inactive leaking underground storage tanks located within the State of California. ERIIS has obtained the LUST information from the California State EPA and the Regional Water Quality Control Boards. The dates of the information for the specific regions are as follows:
Region 1 - North Coast Region - 6/27/95
Region 2 - San Fran. Bay Region - 7/23/95
Region 3 - Central Coast Region - 9/20/95
Region 4 - Los Angeles Region - 12/7/95
Region 5 - Central Valley Region - 11/7/95
Region 6 - Lohontan Region - 10/2/95
Region 7 - CO River Basin Region - 6/22/95
Region 8 - Santa Ana Region - 12/5/95
Region 9 - San Diego Region - 8/15/95

SWF
Date of Data: 04/15/1996
Release Date: 04/19/1996
CA Intergrated Waste Management Board
Solid Waste Information System Program
916/255-2330

California Solid Waste Information System

The California Solid Waste Information System Report, commonly known as the SWIS Report, contains information pertaining to all permitted active and inactive solid waste landfills and processing facilities located within the State of California.

RST
Date of Data: 03/17/1994
Release Date: 03/21/1994
CA State Water Resources Control Board

800/327-9337

California Underground Storage Tank Report

The California Underground Storage Tank Report, commonly known as the SWEEPS Report, is a comprehensive listing of all registered underground storage tanks located within the State of California.

OGW
Date of Data: 12/01/1993
Release Date: 05/27/1994
Petroleum Information Corporation

303/595-7500

California Oil and Gas Well Report

The California Oil and Gas Well Data Report contains location and production information for all regulated oil and gas wells located within the State of California.

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
DATABASE REFERENCE GUIDE

NPL
Date of Data: 03/01/1996
Release Date: 04/19/1996
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8881

National Priorities List

The NPL Report, also known as the Superfund List, is an EPA listing of uncontrolled or abandoned hazardous waste sites. The list is primarily based upon a score which the site receives from the EPA's Hazardous Ranking System. These sites are targeted for possible long-term remedial action under the Superfund Act of 1980.

RCRIS_TS
Date of Data: 05/01/1995
Release Date: 07/14/1995
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4610

Resource Conservation and Recovery Information System - Treatment, Storage, And Disposal Facilities

The RCRIS_TS Report contains information pertaining to facilities which either treat, store, or dispose of EPA regulated hazardous waste. The following information is also included in the RCRIS_TS Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

CERCLIS
Date of Data: 03/01/1996
Release Date: 04/19/1996
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8730

Comprehensive Environmental Response, Compensation, and Liability Information System

The CERCLIS Database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation, and ultimately placed on the National Priorities List (NPL). As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from the CERCLIS Database.

NFRAP
Date of Data: 02/28/1995
Release Date: 04/07/1995
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8881

No Further Remedial Action Planned Sites

The No Further Remedial Action Planned Report (NFRAP), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS Database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

RCRIS_LG
Date of Data: 05/01/1995
Release Date: 07/14/1995
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4610

Resource Conservation and Recovery Information System - Large Quantity Generators

The RCRIS_LG Report contains information pertaining to facilities which either generate more than 1000kg of EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation And Recovery Act. The following information is also included in the RCRIS_LG Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

RCRIS_SG
Date of Data: 05/01/1995
Release Date: 07/14/1995
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4610

Resource Conservation and Recovery Information System - Small Quantity Generators

The RCRIS_SG Report contains information pertaining to facilities which either generate between 100kg and 1000kg of EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation And Recovery Act. On advice of the U.S. EPA, ERIIS does not report so-called "RCRA Protective Filers." Protective Filers, commonly called Conditionally Exempt Small Quantity Generators (CESQG's), are facilities that have completed RCRA notification paperwork, but are not, in fact, subject to RCRA regulation. The determination of CESQG status is made by the U.S. EPA. The following information is also included in the RCRIS_SG Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties

ERIIS SUMMARY OF PLOTTABLE SITES

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID.	FACILITY/ADDRESS	DATABASE	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
	0 - 1/4 Miles				
06010034802	MARATHON DELIVERY SERVICE, INC 330 CYPRESS OAKLAND, CA 94607 COUNTY: ALAMEDA	RST	0.056 Mi	NORTHWEST	4802
06040000683	BOBO'S JUNKYARD 1401 3RD ST OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.063 Mi	SOUTHWEST	683
06007014100	SOUTHERN PACIFIC TRANS CO 1401 3RD ST OAKLAND, CA 94607-1805 COUNTY: ALAMEDA	RCRIS_LG	0.063 Mi	SOUTHWEST	4100
06008015248	J AND A TRUCK RPR 500 KIRKAM ST IN BACK OAKLAND, CA 94607 COUNTY: ALAMEDA	RCRIS_SG	0.081 Mi	NORTHEAST	5248
06007001862	SMILO CHEM CO INC 500 KIRKHAM ST OAKLAND, CA 94607-1820 COUNTY: ALAMEDA	RCRIS_LG	0.081 Mi	NORTHEAST	1862
06039001738	SMILO CHEMICAL CO 500 KIRKHAM OAKLAND, CA 94607 COUNTY: ALAMEDA	NFRAP	0.081 Mi	NORTHEAST	1738
06040000949	SMILO CHEMICAL COMPANY 500 KIRKHAM ST OAKLAND, CA 94607-1820 COUNTY: ALAMEDA	HWS	0.081 Mi	NORTHEAST	949
06005018302	SOUTHERN PACIFIC TRANS CO 5TH AVE & KIRKHAM OAKLAND, CA 94607 COUNTY: ALAMEDA	LRST	0.095 Mi	NORTHEAST	8302
06040000092	RED STAR YEAST 1384 5TH ST OAKLAND, CA 94607-1899 COUNTY: ALAMEDA	HWS	0.099 Mi	NORTHWEST	92
06007014206	CALTRANS 1285 5TH ST OAKLAND, CA 94607-1854 COUNTY: ALAMEDA	RCRIS_LG	0.104 Mi	NORTHEAST	4206
06040026565	CONTAINER FREIGHT 1285 5TH ST OAKLAND, CA 94607-1854 COUNTY: ALAMEDA	HWS	0.104 Mi	NORTHEAST	6565
06040000860	HARRY P ROBARTS COMPANY 1403 5TH ST OAKLAND, CA 94607-1810 COUNTY: ALAMEDA	HWS	0.107 Mi	NORTHWEST	860
06010008181	BURKE 310 UNION ST OAKLAND, CA 94607-1842 COUNTY: ALAMEDA	RST	0.124 Mi	SOUTHEAST	8181
06007002307	BURKE CO THE 35 310 UNION ST OAKLAND, CA 94607-1842 COUNTY: ALAMEDA	RCRIS_LG	0.124 Mi	SOUTHEAST	2307
06040026542	CONDOR FREIGHT 324 UNION ST OAKLAND, CA 94607-1842 COUNTY: ALAMEDA	HWS	0.125 Mi	SOUTHEAST	6542
06005005678	CONDOR FREIGHT LINES 324 UNION ST OAKLAND, CA 94607-1842 COUNTY: ALAMEDA	LRST	0.125 Mi	SOUTHEAST	5678
06010060665	WAREHOUSE INVESTMENT COMPANY 324 UNION ST OAKLAND, CA 94607-1842 COUNTY: ALAMEDA	RST	0.125 Mi	SOUTHEAST	665
06040000877	DON CHERRY SCRAP METAL 1448 3RD ST OAKLAND, CA 94607-1806 COUNTY: ALAMEDA	HWS	0.127 Mi	NORTHWEST	877
06010039795	OAKLAND TRIBUNE INC 1221 3RD OAKLAND, CA 94607 COUNTY: ALAMEDA	RST	0.166 Mi	SOUTHEAST	9795

ERIIS SUMMARY OF PLOTTABLE SITES

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID.	FACILITY/ADDRESS	DATABASE	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06010041517	PACIFIC DRY DOCK AND REPAIR CO 1441 EMBARCADERO OAKLAND, CA 94606-5201 COUNTY: ALAMEDA	RST	0.187 Mi	SOUTHWEST	1517
06010004226	ARMORED TRANSPORT INC. 1333 7TH ST OAKLAND, CA 94607-2102 COUNTY: ALAMEDA	RST	0.194 Mi	NORTHEAST	4226
06008019426	ALL MERCEDES DISMANTLER 1225 7TH ST OAKLAND, CA 94607-2174 COUNTY: ALAMEDA	RCRIS_SG	0.237 Mi	NORTHEAST	9426
06005000704	ALL MERCEDES DISMANTLERS 1225 7TH ST OAKLAND, CA 94607-2174 COUNTY: ALAMEDA	LRST	0.237 Mi	NORTHEAST	704
06010002213	ALL MERCEDES DISMANTLERS 1225 7TH OAKLAND, CA 94607 COUNTY: ALAMEDA	RST	0.237 Mi	NORTHEAST	2213
06005013683	NORCAL METAL FABRICATORS 114 ADELINE ST OAKLAND, CA 94607-2518 COUNTY: ALAMEDA	LRST	0.243 Mi	SOUTHEAST	3683
06040000763	SKIPS TRUCKING COMPANY 112 ADELINE ST OAKLAND, CA 94607-2518 COUNTY: ALAMEDA	HWS	0.243 Mi	SOUTHEAST	763
06005007217	EVERIDGE SERVICE CO 1211 7TH ST OAKLAND, CA 94607-2174 COUNTY: ALAMEDA	LRST	0.246 Mi	NORTHEAST	7217
06010019379	EVERIDGE SERVICE CO 1211 7TH OAKLAND, CA 94607 COUNTY: ALAMEDA	RST	0.246 Mi	NORTHEAST	9379
06008008144	LIQUID CARBONIC SPEC GAS CORP 901 EMBARCADERO ST OAKLAND, CA 94608 COUNTY: ALAMEDA	RCRIS_SG	0.246 Mi	NORTHEAST	8144
	1/4 - 1/2 Miles				
06039001695	SHEREX CHEM CO 1401 MIDDLE HARBOR RD OAKLAND, CA 94607 COUNTY: ALAMEDA	NFRAP	0.252 Mi	SOUTHEAST	1695
06040001156	SHEREX CHEMICAL COMPANY (MIDDLE HARBOR) 1401 MIDDLE HARBOR RD OAKLAND, CA 94607-1829 COUNTY: ALAMEDA	HWS	0.252 Mi	SOUTHEAST	1156
06039001262	NOR-CAL METAL FABRICATORS 1121 3RD ST OAKLAND, CA 94607 COUNTY: ALAMEDA	NFRAP	0.278 Mi	SOUTHEAST	1262
06040000637	NOR-CAL METAL FABRICATORS 1121 3RD ST OAKLAND, CA 94607-2509 COUNTY: ALAMEDA	HWS	0.278 Mi	SOUTHEAST	637
06005013684	NORCAL METAL FABRICATORS 1121 3RD ST OAKLAND, CA 94607-2509 COUNTY: ALAMEDA	LRST	0.278 Mi	SOUTHEAST	3684
06005015682	RELIABLE HANDI CAB 1520 7TH ST OAKLAND, CA 94607-1933 COUNTY: ALAMEDA	LRST	0.282 Mi	NORTHWEST	5682
06040026580	SMITH'S WRECKING YARD 1600 3RD ST OAKLAND, CA 94607-1251 COUNTY: ALAMEDA	HWS	0.306 Mi	NORTHWEST	6580
06005001077	ARATEX SERVICES 330 CHESTNUT ST OAKLAND, CA 94607-2528 COUNTY: ALAMEDA	LRST	0.308 Mi	SOUTHEAST	1077
06040000977	WORK WEAR CORPORATION 330 CHESTNUT ST OAKLAND, CA 94607-2528 COUNTY: ALAMEDA	HWS	0.308 Mi	SOUTHEAST	977

ERIIS SUMMARY OF PLOTTABLE SITES

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID.	FACILITY/ADDRESS	DATABASE	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005011336	LEHAR SALES 150 CHESTNUT ST OAKLAND, CA 94607-2511 COUNTY: ALAMEDA	LRST	0.317 Mi	SOUTHEAST	1336
06005005308	CITY OF OAKLAND HOUSING AUTH 935 UNION ST OAKLAND, CA 94607-2135 COUNTY: ALAMEDA	LRST	0.360 Mi	NORTHEAST	5308
06005010561	JOHNSTON & SONS 801 3RD ST OAKLAND, CA 94607-2501 COUNTY: ALAMEDA	LRST	0.380 Mi	SOUTHEAST	561
06040000902	SUNSET TRADING COMPANY 568 3RD ST OAKLAND, CA 94607-3562 COUNTY: ALAMEDA	HWS	0.391 Mi	SOUTHEAST	902
06005000878	AMERICAN PRESIDENT LINES 1579 MIDDLE HARBOR RD OAKLAND, CA 94607-1831 COUNTY: ALAMEDA	LRST	0.393 Mi	SOUTHWEST	878
06005006838	EAST BAY FORD TRUCK 333 FILBERT ST OAKLAND, CA 94607-2529 COUNTY: ALAMEDA	LRST	0.423 Mi	SOUTHEAST	6838
06040026578	MARBLE TECHNICS WEST 1035 7TH ST OAKLAND, CA 94607-2613 COUNTY: ALAMEDA	HWS	0.426 Mi	NORTHEAST	6578
06005021739	VEND MART PROPERTY 1035 7TH ST OAKLAND, CA 94607-2613 COUNTY: ALAMEDA	LRST	0.426 Mi	NORTHEAST	1739
06040026575	CHANG'S AUTOMOTIVE 1009 7TH ST OAKLAND, CA 94607-2613 COUNTY: ALAMEDA	HWS	0.452 Mi	NORTHEAST	6575
06040026686	OAKLAND MAIN POST OFFICE PARKING STRUCT. 1675 7TH ST OAKLAND, CA 94615-0001 COUNTY: ALAMEDA	HWS	0.459 Mi	NORTHWEST	6686
06005021481	US POST OFFICE 1675 7TH ST OAKLAND, CA 94615-0001 COUNTY: ALAMEDA	LRST	0.459 Mi	NORTHWEST	1481
	1/2 - 1 Miles				
06040026801	MICRONESIAN CARGO INTERNATIONAL 955 7TH ST OAKLAND, CA 94607-3101 COUNTY: ALAMEDA	HWS	0.510 Mi	NORTHEAST	6801
06040026567	MICRONESIAN CARGO, INTERNATIONAL 955 7TH ST OAKLAND, CA 94607-3101 COUNTY: ALAMEDA	HWS	0.510 Mi	NORTHEAST	6567
06040000988	CENTER CLEANERS 1224 CENTER ST OAKLAND, CA 94607-2010 COUNTY: ALAMEDA	HWS	0.537 Mi	NORTHEAST	988
06013000108	SAFETY KLEEN CORP 7 178 01 404 MARKET ST OAKLAND, CA 94607-3034 COUNTY: ALAMEDA	RCRIS_TS	0.545 Mi	SOUTHEAST	108
06040000524	TODD DIE COMPANY 95 MARKET ST OAKLAND, CA 94607-2552 COUNTY: ALAMEDA	HWS	0.559 Mi	SOUTHEAST	524
06040000774	WEST TRANSPORTATION INC 95 MARKET ST OAKLAND, CA 94607-2552 COUNTY: ALAMEDA	HWS	0.559 Mi	SOUTHEAST	774
06040000821	PG&E - OAKLAND 50 MARKET ST OAKLAND, CA 94607-2551 COUNTY: ALAMEDA	HWS	0.573 Mi	SOUTHEAST	821
06040000708	ADAMS DELIVERY SERVICE 114 BRUSH ST OAKLAND, CA 94607-3008 COUNTY: ALAMEDA	HWS	0.590 Mi	SOUTHEAST	708

ERIIS SUMMARY OF PLOTTABLE SITES

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Jun 11, 1996

ERIIS ID.	FACILITY/ADDRESS	DATABASE	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06040026547	NEW OAKLAND FIRE STATION #3 CENTER AND 14TH STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.608 Mi	NORTHEAST	6547
06040000770	PERSONEL MONTHLY STORAGE 1468 14TH ST OAKLAND, CA 94607-2028 COUNTY: ALAMEDA	HWS	0.611 Mi	NORTHEAST	770
06040026744	OLD OAKLAND FIRE HOUSE 3 727 PINE ST OAKLAND, CA 94607-1147 COUNTY: ALAMEDA	HWS	0.662 Mi	NORTHWEST	6744
06040000252	BAY AREA OIL COMPANY 300 CASTRO ST OAKLAND, CA 94607-3028 COUNTY: ALAMEDA	HWS	0.662 Mi	SOUTHEAST	252
06040026545	CHURCH'S FRIED CHICKEN 1766 7TH ST OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.672 Mi	NORTHWEST	6545
06040026569	B & A AUTO DISMANTLERS 1823 SHOREY STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.713 Mi	NORTHWEST	6569
06040026568	WILFRED'S AUTO WRECKING 1834 7TH STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.728 Mi	NORTHWEST	6568
06040026537	PHOENIX PROPERTIES 524 CEDAR STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.729 Mi	NORTHWEST	6537
06040026544	CAL-EAST FOODS 505 CEDAR STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.730 Mi	NORTHWEST	6544
06040026579	VACANT BUILDING 1851 5TH ST OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.732 Mi	NORTHWEST	6579
06040000294	OIL SPILL CONTAIMENT CORPORATION 4TH & GROVE OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.741 Mi	SOUTHEAST	294
06040000578	CLASSIC ILLUMINATION, THE 431 GROVE STREET OAKLAND, CA 94609 COUNTY: ALAMEDA	HWS	0.742 Mi	SOUTHEAST	578
06040001068	A & W E, WESTERN DIVISION 721 CEDAR ST OAKLAND, CA 94607-1133 COUNTY: ALAMEDA	HWS	0.743 Mi	NORTHWEST	1068
06040000330	IRVING SUBWAY DIVISION OF HARSCO CORP 1819 10TH ST OAKLAND, CA 94607-1451 COUNTY: ALAMEDA	HWS	0.744 Mi	NORTHWEST	330
06040000350	GLOBE METALS 1820 10TH ST OAKLAND, CA 94607-1450 COUNTY: ALAMEDA	HWS	0.745 Mi	NORTHWEST	350
06040000779	WALKUP DRAYAGE AND WAREHOUSE 1111 PINE ST OAKLAND, CA 94607-1446 COUNTY: ALAMEDA	HWS	0.748 Mi	NORTHWEST	779
06040000664	IMAGO PAPER MILL 1333 WOOD ST OAKLAND, CA 94607-1528 COUNTY: ALAMEDA	HWS	0.750 Mi	NORTHWEST	664
06040026535	PHOENIX PROPERTIES 766 CEDAR STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.756 Mi	NORTHWEST	6535
06040026536	PHOENIX PROPERTIES 800 CEDAR STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.767 Mi	NORTHWEST	6536
06040000416	ALTA PLATING AND CHEMICAL CORPORATION 1732 PERALTA ST OAKLAND, CA 94607-1616 COUNTY: ALAMEDA	HWS	0.774 Mi	NORTHEAST	416

ERIIS SUMMARY OF PLOTTABLE SITES

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID.	FACILITY/ADDRESS	DATABASE	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06040026539	LIPS PROPELLERS 1899 7TH STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.793 Mi	NORTHWEST	6539
06040000711	ALL-TRANS EXPRESS 737 BAY ST OAKLAND, CA 94607-1100 COUNTY: ALAMEDA	HWS	0.798 Mi	NORTHWEST	711
06040000807	SOUTHERN PACIFIC OAKLAND 7TH AND BAY STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS	0.798 Mi	NORTHWEST	807
06040001083	OAKLAND GRAPHICS 864 14TH ST OAKLAND, CA 94607-3200 COUNTY: ALAMEDA	HWS	0.802 Mi	NORTHEAST	1083
06040026572	PORT OF OAKLAND FERRY PARKING CLAY & EMBARCADERO OAKLAND, CA 94706 COUNTY: ALAMEDA	HWS	0.876 Mi	SOUTHEAST	6572
06040000717	DUFFYS TRUCKING 1791 16TH ST OAKLAND, CA 94607-1550 COUNTY: ALAMEDA	HWS	0.879 Mi	NORTHWEST	717
06040000567	ARCHITECTURAL CERAMICS 1940 UNION ST OAKLAND, CA 94607-2317 COUNTY: ALAMEDA	HWS	0.896 Mi	NORTHEAST	567
06040000681	SOUTHERN PACIFIC OAKLAND 1707 WOOD ST OAKLAND, CA 94607-1623 COUNTY: ALAMEDA	HWS	0.900 Mi	NORTHWEST	681
06040000952	CUTTER LUMBER PRODUCTS 526 2ND ST OAKLAND, CA 94607-3502 COUNTY: ALAMEDA	HWS	0.910 Mi	SOUTHEAST	952
06040000835	GELTZ MACHINERY COMPANY 2015 CHESTNUT ST OAKLAND, CA 94607-2819 COUNTY: ALAMEDA	HWS	0.936 Mi	NORTHEAST	835
06040001108	CLEO'S PRINTING 1241 21ST ST OAKLAND, CA 94607-2336 COUNTY: ALAMEDA	HWS	0.942 Mi	NORTHEAST	1108

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06013000108 CAD053044053	SAFETY KLEEN CORP 7 178 01 COUNTY: ALAMEDA	404 MARKET ST OAKLAND, CA 94607-3034	FACILITY NOT REPORTED IN RAATS	0.545 MILES	SOUTHEAST	108

FACILITY VIOLATIONS

	DATE DETERMINED:	DATE RESOLVED:	AREA OF VIOLATION:
1.	10/02/90	07/30/93	TSD-OTHER REQUIREMENTS
2.	10/02/90	07/30/93	TSD-OTHER REQUIREMENTS
3.	10/02/90	07/30/93	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
4.	02/27/90	07/30/93	TSD-OTHER REQUIREMENTS
5.	02/17/89	09/26/91	TSD-LAND BAN REQUIREMENTS
6.	02/17/89	07/30/93	GENERATOR-LAND BAN REQUIREMENTS
7.	02/17/89	07/30/93	TSD-OTHER REQUIREMENTS
8.	02/17/89	07/30/93	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
9.	08/23/88	11/15/88	TSD-OTHER REQUIREMENTS
10.	07/06/88	11/15/88	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
11.	05/19/88	07/02/88	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS

FACILITY EVALUATIONS

	EVALUATION DATE:	EVALUATION AGENCY:	TYPE OF EVALUATION:	AREA(S) OF EVALUATION:
1.	05/19/88	STATE	FINANCIAL RECORD REVIEW	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
2.	07/06/88	STATE	FINANCIAL RECORD REVIEW	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
3.	08/23/88	STATE	COMPLIANCE EVALUATION INSPECTION	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS TSD-OTHER REQUIREMENTS
4.	02/17/89	STATE	COMPLIANCE EVALUATION INSPECTION	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS TSD-LAND BAN REQUIREMENTS TSD-OTHER REQUIREMENTS
5.	02/27/90	STATE	COMPLIANCE EVALUATION INSPECTION	GENERATOR-LAND BAN REQUIREMENTS TSD-CLOSURE/POST-CLOSURE REQUIREMENTS TSD-LAND BAN REQUIREMENTS TSD-OTHER REQUIREMENTS
6.	10/02/90	STATE	COMPLIANCE EVALUATION INSPECTION	GENERATOR-LAND BAN REQUIREMENTS TSD-CLOSURE/POST-CLOSURE REQUIREMENTS TSD-LAND BAN REQUIREMENTS TSD-OTHER REQUIREMENTS GENERATOR-LAND BAN REQUIREMENTS

FACILITY ENFORCEMENTS

	ENFORCEMENT DATE:	ENFORCEMENT AGENCY:	TYPE OF ACTION:	PENALTY(S):
1.	05/26/1988	STATE	WRITTEN, INFORMAL ADMINISTRATIVE ACTION	
2.	11/30/1988	STATE	WRITTEN, INFORMAL ADMINISTRATIVE ACTION	
3.	06/27/1989	STATE	WRITTEN, INFORMAL ADMINISTRATIVE ACTION	
4.	08/08/1990	STATE	WRITTEN, INFORMAL ADMINISTRATIVE ACTION	
5.	03/20/1991	STATE	WRITTEN, INFORMAL ADMINISTRATIVE ACTION	

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID

CORRECTIVE ACTIONS

	EVENT ACTUAL DATE:	SITE EVENT:
1.	09/27/90	RFA COMPLETED
2.	08/18/93	CA PRIORITIZATION--FACILITY ASSIGNED A LOW CORRECTIVE ACTION PRIORITY
3.	08/16/93	STABILIZATION MEASURES EVALUATION--Not AMENABLE - OTHER

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D000	NOT REPORTED
2.	D001	NOT REPORTED
3.	D004	NOT REPORTED
4.	D005	NOT REPORTED
5.	D006	NOT REPORTED
6.	D007	NOT REPORTED
7.	D008	NOT REPORTED
8.	D009	NOT REPORTED
9.	D010	NOT REPORTED
10.	D011	NOT REPORTED
11.	D018	NOT REPORTED
12.	D019	NOT REPORTED
13.	D021	NOT REPORTED
14.	D022	NOT REPORTED
15.	D023	NOT REPORTED
16.	D024	NOT REPORTED
17.	D025	NOT REPORTED
18.	D026	NOT REPORTED
19.	D027	NOT REPORTED
20.	D028	NOT REPORTED
21.	D029	NOT REPORTED
22.	D030	NOT REPORTED
23.	D032	NOT REPORTED
24.	D033	NOT REPORTED
25.	D034	NOT REPORTED
26.	D035	NOT REPORTED
27.	D036	NOT REPORTED
28.	D037	NOT REPORTED
29.	D038	NOT REPORTED
30.	D039	NOT REPORTED
31.	D040	NOT REPORTED
32.	D041	NOT REPORTED
33.	D042	NOT REPORTED
34.	F001	NOT REPORTED
35.	F002	NOT REPORTED
36.	F003	NOT REPORTED
37.	F004	NOT REPORTED
38.	F005	NOT REPORTED
39.	F004	NOT REPORTED
40.	F005	NOT REPORTED
41.	D001	NOT REPORTED
42.	D004	NOT REPORTED

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID

	WASTE CODE:	AMOUNT OF WASTE:
43.	D005	NOT REPORTED
44.	D006	NOT REPORTED
45.	D007	NOT REPORTED
46.	D008	NOT REPORTED
47.	D009	NOT REPORTED
48.	D010	NOT REPORTED
49.	D011	NOT REPORTED
50.	D018	NOT REPORTED
51.	D019	NOT REPORTED
52.	D021	NOT REPORTED
53.	D022	NOT REPORTED
54.	D023	NOT REPORTED
55.	D024	NOT REPORTED
56.	D025	NOT REPORTED
57.	D026	NOT REPORTED
58.	D027	NOT REPORTED
59.	D028	NOT REPORTED
60.	D029	NOT REPORTED
61.	D030	NOT REPORTED
62.	D032	NOT REPORTED
63.	D033	NOT REPORTED
64.	D034	NOT REPORTED
65.	D035	NOT REPORTED
66.	D036	NOT REPORTED
67.	D037	NOT REPORTED
68.	D038	NOT REPORTED
69.	D039	NOT REPORTED
70.	D040	NOT REPORTED
71.	D041	NOT REPORTED
72.	D042	NOT REPORTED
73.	F002	NOT REPORTED
74.	F003	NOT REPORTED

ERIIS ENVIRONMENTAL DATA REPORT
CERCLIS NO FURTHER REMEDIAL ACTION PLANNED SITES
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ERIIS Report #92772A

Jun 11, 1996

ERIIS ID / EPA ID	FACILITY	FACILITY ADDRESS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06039001738 CAD029247319	SMILO CHEMICAL CO COUNTY: ALAMEDA	500 KIRKHAM OAKLAND, CA 94607	0.081 MILES	NORTHEAST	1738
	SITE EVENT(S) / COMPLETE DATE DISCOVERY 09/01/1980 PRELIMINARY ASSESSMENT 02/01/1985 PRELIMINARY ASSESSMENT 05/01/1988				
06039001695 CAD990788168	SHEREX CHEM CO COUNTY: ALAMEDA	1401 MIDDLE HARBOR RD OAKLAND, CA 94607	0.252 MILES	SOUTHEAST	1695
	SITE EVENT(S) / COMPLETE DATE DISCOVERY 12/01/1987 PRELIMINARY ASSESSMENT 07/05/1989				
06039001262 CAD009148669	NOR-CAL METAL FABRICATORS COUNTY: ALAMEDA	1121 3RD ST OAKLAND, CA 94607	0.278 MILES	SOUTHEAST	1262
	SITE EVENT(S) / COMPLETE DATE DISCOVERY 06/01/1980 PRELIMINARY ASSESSMENT 09/01/1984				

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06007014100 CAD983665399	SOUTHERN PACIFIC TRANS CO COUNTY: ALAMEDA	1401 3RD ST OAKLAND, CA 94607-1805	FACILITY NOT REPORTED IN RAATS	0.063 MILES	SOUTHWEST	4100

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D000	NOT REPORTED
2.	D020	NOT REPORTED
3.	P037	NOT REPORTED
4.	U060	NOT REPORTED
5.	U061	NOT REPORTED

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06007001862 CAD029247319	SMILO CHEM CO INC COUNTY: ALAMEDA	500 KIRKHAM ST OAKLAND, CA 94607-1820	FACILITY NOT REPORTED IN RAATS	0.081 MILES	NORTHEAST	1862

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D001	NOT REPORTED
2.	D002	NOT REPORTED
3.	D003	NOT REPORTED
4.	D004	NOT REPORTED
5.	F001	NOT REPORTED
6.	F002	NOT REPORTED
7.	F003	NOT REPORTED
8.	F004	NOT REPORTED
9.	F005	NOT REPORTED
10.	U003	NOT REPORTED
11.	U013	NOT REPORTED
12.	U017	NOT REPORTED
13.	U043	NOT REPORTED
14.	U044	NOT REPORTED
15.	U054	NOT REPORTED
16.	U056	NOT REPORTED
17.	U057	NOT REPORTED
18.	U088	NOT REPORTED
19.	U102	NOT REPORTED
20.	U107	NOT REPORTED
21.	U108	NOT REPORTED
22.	U110	NOT REPORTED
23.	U113	NOT REPORTED
24.	U122	NOT REPORTED
25.	U140	NOT REPORTED
26.	U162	NOT REPORTED
27.	U223	NOT REPORTED
28.	F001	NOT REPORTED
29.	F002	NOT REPORTED
30.	F003	NOT REPORTED

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID

	WASTE CODE:	AMOUNT OF WASTE:
31.	F004	NOT REPORTED
32.	F005	NOT REPORTED
33.	U003	NOT REPORTED
34.	U017	NOT REPORTED
35.	U043	NOT REPORTED
36.	U044	NOT REPORTED
37.	U056	NOT REPORTED
38.	U057	NOT REPORTED
39.	U088	NOT REPORTED
40.	U102	NOT REPORTED
41.	U107	NOT REPORTED
42.	U108	NOT REPORTED
43.	U110	NOT REPORTED
44.	U113	NOT REPORTED
45.	U122	NOT REPORTED
46.	U140	NOT REPORTED
47.	U162	NOT REPORTED
48.	U223	NOT REPORTED

06007014206 / CAR000000356 — CALTRANS, COUNTY: ALAMEDA — 1285 5TH ST, OAKLAND, CA 94607-1854 — FACILITY NOT REPORTED IN RAATS — 0.104 MILES — NORTHEAST — 4206

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D000	NOT REPORTED
2.	D008	NOT REPORTED

06007002307 / CAD046409876 — BURKE CO THE 35, COUNTY: ALAMEDA — 310 UNION ST, OAKLAND, CA 94607-1842 — FACILITY NOT REPORTED IN RAATS — 0.124 MILES — SOUTHEAST — 2307

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D001	NOT REPORTED
2.	D002	NOT REPORTED
3.	U002	NOT REPORTED
4.	U220	NOT REPORTED
5.	U239	NOT REPORTED

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06008015248 CAD983812268	J AND A TRUCK RPR COUNTY: ALAMEDA	500 KIRKAM ST IN BACK OAKLAND, CA 94607	FACILITY NOT REPORTED IN RAATS	0.081 MILES	NORTHEAST	5248

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D001	NOT REPORTED

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06008019426 CAD983670985	ALL MERCEDES DISMANTLER COUNTY: ALAMEDA	1225 7TH ST OAKLAND, CA 94607-2174	FACILITY NOT REPORTED IN RAATS	0.237 MILES	NORTHEAST	9426

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	U359	NOT REPORTED

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06008008144 CAD982044661	LIQUID CARBONIC SPEC GAS CORP COUNTY: ALAMEDA	901 EMBARCADERO ST OAKLAND, CA 94608	FACILITY NOT REPORTED IN RAATS	0.246 MILES	NORTHEAST	8144

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D000	NOT REPORTED
2.	D001	NOT REPORTED
3.	D002	NOT REPORTED
4.	D003	NOT REPORTED

ERIIS ID FACILITY ID	FACILITY	ADDRESS	CALSITE STATUS GROUNDWATER STATUS	CALSITE STATUS DATE	MAP ID
06040000683 01400003	BOBO'S JUNKYARD DISTANCE FROM SITE: 0.063 MILES DIRECTION FROM SITE: SOUTHWEST	1401 3RD ST OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NOT REPORTED	05/10/94	683
06040000949 01510022	SMILO CHEMICAL COMPANY DISTANCE FROM SITE: 0.081 MILES DIRECTION FROM SITE: NORTHEAST	500 KIRKHAM ST OAKLAND, CA 94607-1820 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NOT REPORTED	05/10/94	949
06040000092 01200008	RED STAR YEAST DISTANCE FROM SITE: 0.099 MILES DIRECTION FROM SITE: NORTHWEST	1384 5TH ST OAKLAND, CA 94607-1899 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/25/80	92
06040026565 01420128	CONTAINER FREIGHT DISTANCE FROM SITE: 0.104 MILES DIRECTION FROM SITE: NORTHEAST	1285 5TH ST OAKLAND, CA 94607-1854 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GW CONTAMINATION	05/10/94	6565
06040000860 01500037	HARRY P ROBARTS COMPANY DISTANCE FROM SITE: 0.107 MILES DIRECTION FROM SITE: NORTHWEST	1403 5TH ST OAKLAND, CA 94607-1810 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/22/80	860
06040026542 01420126	CONDOR FREIGHT DISTANCE FROM SITE: 0.125 MILES DIRECTION FROM SITE: SOUTHEAST	324 UNION ST OAKLAND, CA 94607-1842 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	05/10/94	6542
06040000877 01500054	DON CHERRY SCRAP METAL DISTANCE FROM SITE: 0.127 MILES DIRECTION FROM SITE: NORTHWEST	1448 3RD ST OAKLAND, CA 94607-1806 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	12/04/80	877
06040000763 01420090	SKIPS TRUCKING COMPANY DISTANCE FROM SITE: 0.243 MILES DIRECTION FROM SITE: SOUTHEAST	112 ADELINE ST OAKLAND, CA 94607-2518 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	763
06040001156 01730096	SHEREX CHEMICAL COMPANY (MIDDLE HARBOR) DISTANCE FROM SITE: 0.252 MILES DIRECTION FROM SITE: SOUTHEAST	1401 MIDDLE HARBOR RD OAKLAND, CA 94607-1829 COUNTY: ALAMEDA	REFERRED TO OTHER AGENCY NOT REPORTED	03/14/95	1156
06040000637 01370028	NOR-CAL METAL FABRICATORS DISTANCE FROM SITE: 0.278 MILES DIRECTION FROM SITE: SOUTHEAST	1121 3RD ST OAKLAND, CA 94607-2509 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	02/23/84	637
06040026580 01990014	SMITH'S WRECKING YARD DISTANCE FROM SITE: 0.308 MILES DIRECTION FROM SITE: NORTHWEST	1600 3RD ST OAKLAND, CA 94607-1251 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	05/10/94	6580
06040000977 01720014	WORK WEAR CORPORATION DISTANCE FROM SITE: 0.308 MILES DIRECTION FROM SITE: SOUTHEAST	330 CHESTNUT ST OAKLAND, CA 94607-2528 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	12/04/80	977
06040000902 01500079	SUNSET TRADING COMPANY DISTANCE FROM SITE: 0.391 MILES DIRECTION FROM SITE: SOUTHEAST	568 3RD ST OAKLAND, CA 94607-3562 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	902
06040026578 01990012	MARBLE TECHNICS WEST DISTANCE FROM SITE: 0.426 MILES DIRECTION FROM SITE: NORTHEAST	1035 7TH ST OAKLAND, CA 94607-2613 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	05/10/94	6578

ERIIS ID FACILITY ID	FACILITY	ADDRESS	CALSITE STATUS GROUNDWATER STATUS	CALSITE STATUS DATE	MAP ID
06040026575 01750019	CHANG'S AUTOMOTIVE DISTANCE FROM SITE: 0.452 MILES DIRECTION FROM SITE: NORTHEAST	1009 7TH ST OAKLAND, CA 94607-2613 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GW CONTAMINATION	05/10/94	6575
06040026686 01430001	OAKLAND MAIN POST OFFICE PARKING STRUCT. DISTANCE FROM SITE: 0.459 MILES DIRECTION FROM SITE: NORTHWEST	1675 7TH ST OAKLAND, CA 94615-0001 COUNTY: ALAMEDA	CERTIFIED NO KNOWN GW CONTAMINATION	02/01/95	6686
06040026567 01470004	MICRONESIAN CARGO, INTERNATIONAL DISTANCE FROM SITE: 0.510 MILES DIRECTION FROM SITE: NORTHEAST	955 7TH ST OAKLAND, CA 94607-3101 COUNTY: ALAMEDA	PRELIMINARY ENDANGERMENT ASSESSMENT IN PROGRESS NOT REPORTED	02/01/94	6567
06040026801 01420129	MICRONESIAN CARGO INTERNATIONAL DISTANCE FROM SITE: 0.510 MILES DIRECTION FROM SITE: NORTHEAST	955 7TH ST OAKLAND, CA 94607-3101 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NOT REPORTED	05/10/94	6801
06040000988 01720025	CENTER CLEANERS DISTANCE FROM SITE: 0.537 MILES DIRECTION FROM SITE: NORTHEAST	1224 CENTER ST OAKLAND, CA 94607-2010 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	988
06040000524 01350077	TODD DIE COMPANY DISTANCE FROM SITE: 0.559 MILES DIRECTION FROM SITE: SOUTHEAST	95 MARKET ST OAKLAND, CA 94607-2552 COUNTY: ALAMEDA	NOT REPORTED	01/07/81	524
06040000774 01420101	WEST TRANSPORTATION INC DISTANCE FROM SITE: 0.559 MILES DIRECTION FROM SITE: SOUTHEAST	95 MARKET ST OAKLAND, CA 94607-2552 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	10/21/80	774
06040000821 01490012	PG&E - OAKLAND DISTANCE FROM SITE: 0.573 MILES DIRECTION FROM SITE: SOUTHEAST	50 MARKET ST OAKLAND, CA 94607-2551 COUNTY: ALAMEDA	BACKLOG - POTENTIAL AWP SITE GROUNDWATER CONTAMINATION	06/30/92	821
06040000708 01420031	ADAMS DELIVERY SERVICE DISTANCE FROM SITE: 0.590 MILES DIRECTION FROM SITE: SOUTHEAST	114 BRUSH ST OAKLAND, CA 94607-3008 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	12/04/80	708
06040026547 01920063	NEW OAKLAND FIRE STATION #3 DISTANCE FROM SITE: 0.608 MILES DIRECTION FROM SITE: NORTHEAST	CENTER AND 14TH STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	CERTIFIED NO KNOWN GW CONTAMINATION	12/28/94	6547
06040000770 01420097	PERSONEL MONTHLY STORAGE DISTANCE FROM SITE: 0.611 MILES DIRECTION FROM SITE: NORTHEAST	1468 14TH ST OAKLAND, CA 94607-2028 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	770
06040000252 01290014	BAY AREA OIL COMPANY DISTANCE FROM SITE: 0.662 MILES DIRECTION FROM SITE: SOUTHEAST	300 CASTRO ST OAKLAND, CA 94607-3028 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/22/80	252
06040026744 01920064	OLD OAKLAND FIRE HOUSE 3 DISTANCE FROM SITE: 0.662 MILES DIRECTION FROM SITE: NORTHWEST	727 PINE ST OAKLAND, CA 94607-1147 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NO KNOWN GW CONTAMINATION	11/28/94	6744
06040026545 01540002	CHURCH'S FRIED CHICKEN DISTANCE FROM SITE: 0.672 MILES DIRECTION FROM SITE: NORTHWEST	1766 7TH ST OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	05/10/94	6545

ERIIS ID / FACILITY ID	FACILITY	ADDRESS	CALSITE STATUS / GROUNDWATER STATUS	CALSITE STATUS DATE	MAP ID
06040026569 01500106	B & A AUTO DISMANTLERS DISTANCE FROM SITE: 0.713 MILES DIRECTION FROM SITE: NORTHWEST	1823 SHOREY STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	05/10/94	6569
06040026568 01500105	WILFRED'S AUTO WRECKING DISTANCE FROM SITE: 0.728 MILES DIRECTION FROM SITE: NORTHWEST	1834 7TH STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NOT REPORTED	05/10/94	6568
06040026537 01330038	PHOENIX PROPERTIES DISTANCE FROM SITE: 0.729 MILES DIRECTION FROM SITE: NORTHWEST	524 CEDAR STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NO KNOWN GW CONTAMINATION	05/10/94	6537
06040026544 01510024	CAL-EAST FOODS DISTANCE FROM SITE: 0.730 MILES DIRECTION FROM SITE: NORTHWEST	505 CEDAR STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	05/10/94	6544
06040026579 01990013	VACANT BUILDING DISTANCE FROM SITE: 0.732 MILES DIRECTION FROM SITE: NORTHWEST	1851 5TH ST OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	05/10/94	6579
06040000294 01310003	OIL SPILL CONTAIMENT CORPORATION DISTANCE FROM SITE: 0.741 MILES DIRECTION FROM SITE: SOUTHEAST	4TH & GROVE OAKLAND, CA 94607 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	10/21/80	294
06040000578 01360023	CLASSIC ILLUMINATION, THE DISTANCE FROM SITE: 0.742 MILES DIRECTION FROM SITE: SOUTHEAST	431 GROVE STREET OAKLAND, CA 94609 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	578
06040001068 01720107	A & W E, WESTERN DIVISION DISTANCE FROM SITE: 0.743 MILES DIRECTION FROM SITE: NORTHWEST	721 CEDAR ST OAKLAND, CA 94607-1133 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/21/81	1068
06040000330 01330009	IRVING SUBWAY DIVISION OF HARSCO CORP DISTANCE FROM SITE: 0.744 MILES DIRECTION FROM SITE: NORTHWEST	1819 10TH ST OAKLAND, CA 94607-1451 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/19/80	330
06040000350 01330030	GLOBE METALS DISTANCE FROM SITE: 0.745 MILES DIRECTION FROM SITE: NORTHWEST	1820 10TH ST OAKLAND, CA 94607-1450 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	09/18/81	350
06040000779 01420108	WALKUP DRAYAGE AND WAREHOUSE DISTANCE FROM SITE: 0.748 MILES DIRECTION FROM SITE: NORTHWEST	1111 PINE ST OAKLAND, CA 94607-1446 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	779
06040000664 01390004	IMAGO PAPER MILL DISTANCE FROM SITE: 0.750 MILES DIRECTION FROM SITE: NORTHWEST	1333 WOOD ST OAKLAND, CA 94607-1528 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	664
06040026535 01330036	PHOENIX PROPERTIES DISTANCE FROM SITE: 0.756 MILES DIRECTION FROM SITE: NORTHWEST	766 CEDAR STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NO KNOWN GW CONTAMINATION	05/10/94	6535
06040026536 01330037	PHOENIX PROPERTIES DISTANCE FROM SITE: 0.767 MILES DIRECTION FROM SITE: NORTHWEST	800 CEDAR STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NO KNOWN GW CONTAMINATION	05/10/94	6536

ERIIS ID FACILITY ID	FACILITY	ADDRESS	CALSITE STATUS GROUNDWATER STATUS	CALSITE STATUS DATE	MAP ID
06040000416 01340073	ALTA PLATING AND CHEMICAL CORPORATION DISTANCE FROM SITE: 0.774 MILES DIRECTION FROM SITE: NORTHEAST	1732 PERALTA ST OAKLAND, CA 94607-1616 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	416
06040026539 01350121	LIPS PROPELLERS DISTANCE FROM SITE: 0.793 MILES DIRECTION FROM SITE: NORTHWEST	1899 7TH STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	05/10/94	6539
06040000711 01420036	ALL-TRANS EXPRESS DISTANCE FROM SITE: 0.798 MILES DIRECTION FROM SITE: NORTHWEST	737 BAY ST OAKLAND, CA 94607-1100 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	711
06040000807 01460001	SOUTHERN PACIFIC OAKLAND DISTANCE FROM SITE: 0.798 MILES DIRECTION FROM SITE: NORTHWEST	7TH AND BAY STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	SITE SCREENING REQUIRED NOT REPORTED	05/15/91	807
06040001083 01730016	OAKLAND GRAPHICS DISTANCE FROM SITE: 0.802 MILES DIRECTION FROM SITE: NORTHEAST	864 14TH ST OAKLAND, CA 94607-3200 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	1083
06040026572 01730099	PORT OF OAKLAND FERRY PARKING DISTANCE FROM SITE: 0.876 MILES DIRECTION FROM SITE: SOUTHEAST	CLAY & EMBARCADERO OAKLAND, CA 94706 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	09/19/94	6572
06040000717 01420042	DUFFYS TRUCKING DISTANCE FROM SITE: 0.879 MILES DIRECTION FROM SITE: NORTHWEST	1791 16TH ST OAKLAND, CA 94607-1550 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	11/05/80	717
06040000567 01380003	ARCHITECTURAL CERAMICS DISTANCE FROM SITE: 0.898 MILES DIRECTION FROM SITE: NORTHEAST	1940 UNION ST OAKLAND, CA 94607-2317 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	12/04/80	567
06040000681 01400001	SOUTHERN PACIFIC OAKLAND DISTANCE FROM SITE: 0.900 MILES DIRECTION FROM SITE: NORTHWEST	1707 WOOD ST OAKLAND, CA 94607-1623 COUNTY: ALAMEDA	SITE REFERRED TO RWQCB NOT REPORTED	05/15/91	681
06040000952 01520002	CUTTER LUMBER PRODUCTS DISTANCE FROM SITE: 0.910 MILES DIRECTION FROM SITE: SOUTHEAST	526 2ND ST OAKLAND, CA 94607-3502 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/25/80	952
06040000835 01500012	GELTZ MACHINERY COMPANY DISTANCE FROM SITE: 0.936 MILES DIRECTION FROM SITE: NORTHEAST	2015 CHESTNUT ST OAKLAND, CA 94607-2819 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	12/04/80	835
06040001108 01730046	CLEO'S PRINTING DISTANCE FROM SITE: 0.942 MILES DIRECTION FROM SITE: NORTHEAST	1241 21ST ST OAKLAND, CA 94607-2336 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	01/07/81	1108

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005018302	SOUTHERN PACIFIC TRANS CO	5TH AVE & KIRKHAM OAKLAND, CA 94607	ALAMEDA	0.095 MILES	NORTHEAST	8302

CASE NO. 3725 | REPORT DATE 02/16/89 | CASE TYPE OTHER
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: GASOLINE
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND DISPOSE | STATUS: PRELIMINARY SITE ASSESSMENT UNDERWAY
PRELIMINARY SITE ASSESSMENT UNDERWAY: 06/21/91
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

06005005878	CONDOR FREIGHT LINES	324 UNION ST OAKLAND, CA 94607-1842	ALAMEDA	0.125 MILES	SOUTHEAST	5878

CASE NO. 1741 | REPORT DATE NOT REPORTED | CASE TYPE SOIL ONLY
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: DIESEL
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND DISPOSE | STATUS: PRELIMINARY SITE ASSESSMENT UNDERWAY
PRELIMINARY SITE ASSESSMENT UNDERWAY: 06/14/95
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

06005000704	ALL MERCEDES DISMANTLERS	1225 7TH ST OAKLAND, CA 94607-2174	ALAMEDA	0.237 MILES	NORTHEAST	704

CASE NO. 2041 | REPORT DATE 10/27/92 | CASE TYPE SOIL ONLY
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: GASOLINE
LEAK BEING CONFIRMED: 03/25/93
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND DISPOSE | STATUS: LEAK BEING CONFIRMED
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

06005013683	NORCAL METAL FABRICATORS	114 ADELINE ST OAKLAND, CA 94607-2518	ALAMEDA	0.243 MILES	SOUTHEAST	3683

CASE NO. 3807 | REPORT DATE 12/04/92 | CASE TYPE OTHER
CASE CLOSED: 02/07/94
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: GASOLINE
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND DISPOSE | STATUS: CASE CLOSED
PRELIMINARY SITE ASSESSMENT UNDERWAY: 02/16/93
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

06005007217	EVERIDGE SERVICE CO	1211 7TH ST OAKLAND, CA 94607-2174	ALAMEDA	0.246 MILES	NORTHEAST	7217

CASE NO. 923 | REPORT DATE 10/20/92 | CASE TYPE OTHER
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: GASOLINE
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND DISPOSE | STATUS: LEAK BEING CONFIRMED
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

06005013684	NORCAL METAL FABRICATORS	1121 3RD ST OAKLAND, CA 94607-2509	ALAMEDA	0.278 MILES	SOUTHEAST	3684

CASE NO. NOT REPORTED | REPORT DATE 04/30/92 | CASE TYPE OTHER
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: GASOLINE
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: NO ACTION TAKEN | STATUS: LEAK BEING CONFIRMED
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005015682	RELIABLE HANDI CAB	1520 7TH ST OAKLAND, CA 94607-1933	ALAMEDA	0.282 MILES	NORTHWEST	5682
CASE NO. 3703	REPORT DATE 04/13/92 CASE CLOSED: 06/20/95 REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE SOIL ONLY SUBSTANCE GASOLINE LEAK BEING CONFIRMED: 03/05/92 POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:	ABATEMENT METHOD EXCAVATE AND DISPOSE PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	STATUS CASE CLOSED		
06005001077	ARATEX SERVICES	330 CHESTNUT ST OAKLAND, CA 94607-2528	ALAMEDA	0.308 MILES	SOUTHEAST	1077
CASE NO. 892	REPORT DATE 08/24/89 CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE OTHER SUBSTANCE DIESEL LEAK BEING CONFIRMED: POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:	ABATEMENT METHOD REMOVE FREE PRODUCT PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 06/07/89	STATUS PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED		
06005011336	LEHAR SALES	150 CHESTNUT ST OAKLAND, CA 94607-2511	ALAMEDA	0.317 MILES	SOUTHEAST	1336
CASE NO. 3704	REPORT DATE 12/15/92 CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE OTHER SUBSTANCE GASOLINE LEAK BEING CONFIRMED: POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:	ABATEMENT METHOD EXCAVATE AND DISPOSE PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	STATUS LEAK BEING CONFIRMED		
06005005308	CITY OF OAKLAND HOUSING AUTH	935 UNION ST OAKLAND, CA 94607-2135	ALAMEDA	0.360 MILES	NORTHEAST	5308
CASE NO. 213	REPORT DATE 10/06/88 CASE CLOSED: 06/30/93 REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE SOIL ONLY SUBSTANCE GASOLINE LEAK BEING CONFIRMED: POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:	ABATEMENT METHOD REPLACE SUPPLY PRELIMINARY SITE ASSESSMENT UNDERWAY: 02/06/89 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	STATUS CASE CLOSED		
06005010561	JOHNSTON & SONS	801 3RD ST OAKLAND, CA 94607-2501	ALAMEDA	0.380 MILES	SOUTHEAST	561
CASE NO. 1282	REPORT DATE 06/30/87 CASE CLOSED: 05/18/93 REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE SOIL ONLY SUBSTANCE GASOLINE LEAK BEING CONFIRMED: POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:	ABATEMENT METHOD NO ACTION TAKEN PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	STATUS CASE CLOSED		
06005000878	AMERICAN PRESIDENT LINES	1579 MIDDLE HARBOR RD OAKLAND, CA 94607-1831	ALAMEDA	0.393 MILES	SOUTHWEST	878
CASE NO. 3777	REPORT DATE 05/21/92 CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE OTHER SUBSTANCE GASOLINE LEAK BEING CONFIRMED: 03/23/92 POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:	ABATEMENT METHOD EXCAVATE AND TREAT PRELIMINARY SITE ASSESSMENT UNDERWAY: 04/29/93 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 09/04/90	STATUS PRELIMINARY SITE ASSESSMENT UNDERWAY		

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005006838	EAST BAY FORD TRUCK	333 FILBERT ST OAKLAND, CA 94607-2529	ALAMEDA	0.423 MILES	SOUTHEAST	6838

CASE NO. 1132 | REPORT DATE 10/26/88 | CASE TYPE SOIL ONLY
CASE CLOSED: 07/13/94
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: WASTE OIL
LEAK BEING CONFIRMED: 03/09/92
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND DISPOSE | STATUS: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 01/04/89

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005021739	VEND MART PROPERTY	1035 7TH ST OAKLAND, CA 94607-2613	ALAMEDA	0.426 MILES	NORTHEAST	1739

CASE NO. 3621 | REPORT DATE NOT REPORTED | CASE TYPE OTHER
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: GASOLINE
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND TREAT | STATUS: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 10/17/88

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005021481	US POST OFFICE	1675 7TH ST OAKLAND, CA 94615-0001	ALAMEDA	0.459 MILES	NORTHWEST	1481

CASE NO. 3775 | REPORT DATE 11/25/91 | CASE TYPE OTHER
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: GASOLINE
LEAK BEING CONFIRMED: 03/23/92
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND DISPOSE | STATUS: LEAK BEING CONFIRMED
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010034802	MARATHON DELIVERY SERVICE, INC DISTANCE FROM SITE: 0.056 MILES DIRECTION FROM SITE: NORTHWEST	TRUCKING	330 CYPRESS OAKLAND, CA 94607 COUNTY: ALAMEDA	ROBERT SHEARER (415) 465-0400	4802

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	10000 G	NOT REPORTED	REMOVED	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010008181	BURKE DISTANCE FROM SITE: 0.124 MILES DIRECTION FROM SITE: SOUTHEAST	CONCRETE ASSESSORIES	310 UNION ST OAKLAND, CA 94607-1842 COUNTY: ALAMEDA	( ) -	8181

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
2	500 G	REGULAR UNLEADED	ACTIVE	UNKNOWN	UNKNOWN
1	10000 G	NOT REPORTED	ACTIVE	SINGLE WALL	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010060665	WAREHOUSE INVESTMENT COMPANY DISTANCE FROM SITE: 0.125 MILES DIRECTION FROM SITE: SOUTHEAST	TRUCKING	324 UNION ST OAKLAND, CA 94607-1842 COUNTY: ALAMEDA	(415) 763-6628	665

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
D-1	10000 G	NOT REPORTED	REMOVED	SINGLE WALL	BARE STEEL
D-2	10000 G	NOT REPORTED	REMOVED	SINGLE WALL	BARE STEEL
MO-1	1000 G	OIL	REMOVED	SINGLE WALL	BARE STEEL
WO-1	500 G	OIL	REMOVED	SINGLE WALL	BARE STEEL
S-1	500 G	PETROLEUM	REMOVED	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010039795	OAKLAND TRIBUNE INC DISTANCE FROM SITE: 0.166 MILES DIRECTION FROM SITE: SOUTHEAST	GAS STATION	1221 3RD OAKLAND, CA 94607 COUNTY: ALAMEDA	(415) 272-9167	9795

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
#1	10000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL
#2	10000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	BARE STEEL
#3	500 G	OIL	ACTIVE	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010041517	PACIFIC DRY DOCK AND REPAIR CO DISTANCE FROM SITE: 0.187 MILES DIRECTION FROM SITE: SOUTHWEST	SHIPYARD	1441 EMBARCADERO OAKLAND, CA 94606-5201 COUNTY: ALAMEDA	R. G. HARTSOCK, GENERAL MANAGE (415) 893-7020	1517

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	400 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN
1	400 G	REGULAR UNLEADED	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010004226	ARMORED TRANSPORT INC. DISTANCE FROM SITE: 0.194 MILES DIRECTION FROM SITE: NORTHEAST	TRANSPORTATION	1333 7TH ST OAKLAND, CA 94607-2102 COUNTY: ALAMEDA	ARMOORED TRANSPORT MAINTENANCE (510) 268-9426	4226

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	6000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL WITH EXTERIOR LINER	BARE STEEL
2	12000 G	NOT REPORTED	ACTIVE	SINGLE WALL WITH EXTERIOR LINER	BARE STEEL
3	12000 G	NOT REPORTED	ACTIVE	SINGLE WALL WITH EXTERIOR LINER	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010002213	ALL MERCEDES DISMANTLERS DISTANCE FROM SITE: 0.237 MILES DIRECTION FROM SITE: NORTHEAST	OTHER TYPE TANK	1225 7TH OAKLAND, CA 94607 COUNTY: ALAMEDA	LYNNE GLASSMAN (510) 763-8602	2213

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	10000 G	REGULAR UNLEADED	REMOVED	SINGLE WALL	FIBERGLASS

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010019379	EVERIDGE SERVICE CO DISTANCE FROM SITE: 0.246 MILES DIRECTION FROM SITE: NORTHEAST	NOT SUPPLIED	1211 7TH OAKLAND, CA 94607 COUNTY: ALAMEDA	WILLIE EVERIDGE (510) 452-0266	9379

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
4	300 G	OIL	REMOVED	SINGLE WALL	BARE STEEL
1	4000 G	REGULAR UNLEADED	REMOVED	SINGLE WALL	BARE STEEL
3	4000 G	PREMIUM UNLEADED	REMOVED	SINGLE WALL	BARE STEEL
2	4000 G	PREMIUM UNLEADED	REMOVED	SINGLE WALL	BARE STEEL

Unplottable Sites

The remaining report pages list additional environmental sites that have been selected based on geographic criteria unique to your study site. They are classified as "unplottable sites" and require further investigation to assess their potential impact on your site.

How to Evaluate Unplottable Sites

Step 1
Streets Within the Radius: the following page is an alphabetical index of all streets that intersect or are contained within the largest study radius (usually one mile).

Step 2
Cross-Reference: use the "Streets Within the Radius" index to cross-reference the unplottable sites. For example, if Maple Avenue and Oak Avenue are listed in the street index, then any unplottable sites with a Maple Avenue or Oak Avenue address should be checked for possible impact on study site.

Questions on ERIIS' Proprietary Geocoding?

We're happy to answer any questions you might have about our data processing and **point-geocoding** (assigning a latitude and longitude to each address). Just give us a call on our toll-free number at (800) 989-0402 and let us know what state you're calling from. Our customer service staff is available from 8 a.m. to 8 p.m. (EST).

The ASTM Standard Practice For Environmental Site Assessments

As stated in the recently published **Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process** (E1527) by the American Society for Testing and Materials (ASTM):

> "For large databases with numerous facility records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of ZIP code (3.3.24)."

Therefore, this Report contains information available by latitude/longitude or by ZIP code. If your research requires environmental records for which only city or county information is available (i.e., no valid street or ZIP code) ERIIS will include this data at no extra charge.

ERIIS LIST OF STREETS IN THE RADIUS

ERIIS Report #92772A

Jun 11, 1996

STREET NAME

10th St
11th St
12th St
13th St
14th St
15th St
16th St
17th St
18th St
19th St
20th St
21st St
2nd St
3rd St
4th St
5th St
6th St
7th St
8th St
9th St
Adeline St
Atlantic St
Barbers Point Road
Bay St
Belle St
Brush St
Campbell St
Campbell Village Ct
Castro St
Cedar St
Center St
Chase St
Chester St
Chestnut St
Clay St
Cypress St
Embarcadero St
Ferro St
Filbert St
Goss St
Grove St
Henry St
I- 880 RAMP
I- 980
Jack London Sq
Jefferson St
Kirkham St
Lakehurst Cir
Lewis St
Linden St
Magnolia St
Main St
Market St
Martin Luther King Jr Way
Mayport Cir
Mc Elroy St
Middle Harbor Road
Monterey Cir
Moorship Ave
Mosley Ave
Myrtle St
Pearl Harbor Road
Peralta St
Pine St
Poplar St
San Diego Road
San Pedro Road
Shorey St
State Hwy 17 Ramp
Union St
Washington St
West St
Willow St
Wood St

ERIIS SUMMARY OF UNPLOTTABLE SITES
(Facilities sorted alphabetically within ZIP Code)

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Jun 11, 1996

ERIIS ID.	FACILITY/STREET	CITY/STATE/ZIP/COUNTY	DATABASE
06010000828	A & H TRUCK REPAIR INC 1825 MARKET ST	OAKLAND, CA 94607-3331 COUNTY: ALAMEDA	RST
06010002845	AMMCO CHEMICAL CORP. 1414 003RD	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010005572	BAY ALARM COMPANY 325 007TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010008107	BUILDING C-104 YARD 2700 007TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06040026566	CAN TRANSPORT 196 BURMA RD	OAKLAND, CA 94607-1054 COUNTY: ALAMEDA	HWS
06005023715	CAN TRANSPORT 196 BURMA RD	OAKLAND, CA 94607-1054 COUNTY: ALAMEDA	LRST
06010009921	CARNATION DARIES 1310 014TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010010513	CERESKE ELECTRIC CABLE COMPANY 1688 024TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06008001771	CFS CORP 5110 7TH ST	OAKLAND, CA 94607-1045 COUNTY: ALAMEDA	RCRIS_SG
06005023853	CFS CORP 5110 7TH ST	OAKLAND, CA 94607-1045 COUNTY: ALAMEDA	LRST
06010010563	CFS CORPORATION 5110 007TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06005023885	CHEVRON 1395 7TH ST	OAKLAND, CA 94607-2102 COUNTY: ALAMEDA	LRST
06010013035	CITY OF OAKLAND #2 ENGINE FIRE CLAY	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06005024138	CITY OF OAKLAND REDEV AGENCY 1330 MARTIN LUTHER KING	OAKLAND, CA 94607 COUNTY: ALAMEDA	LRST
06005024137	CITY OF OAKLAND CLAY ST	OAKLAND, CA 94607 COUNTY: ALAMEDA	LRST
06010013738	COCHRAN & CELLI, INC. 1049 009TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010014266	CONTAINERFREIGHT CORPORATION 2095 007TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010017941	EAST BAY TIRE CO. 225 003RD	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010018065	EBMUD WATER POLLUTION CONTROL 2020 WAKE AVE	OAKLAND, CA 94607-5100 COUNTY: ALAMEDA	RST
06005024508	EBMUD-WATER POLLUT CONTRL PLNT 2020 WAKE AVE	OAKLAND, CA 94607-5100 COUNTY: ALAMEDA	LRST
06010023925	GLE TELEPHONE 870 009TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06040000789	GLOBAL INTERNATIONAL FORWARDERS MARITIME STREET	OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS
06010024042	GLOBE METALS CO. 1820 010TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010028051	J & O TRUCK TERMINAL 1107 005TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST

ERIIS SUMMARY OF UNPLOTTABLE SITES
(Facilities sorted alphabetically within ZIP Code)

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID.	FACILITY/STREET	CITY/STATE/ZIP/COUNTY	DATABASE
06010030394	KAISER STEEL CORPORATION YARD 2850 007TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010034425	MACY MOVERS 200 VICTORY CT	OAKLAND, CA 94607-4615 COUNTY: ALAMEDA	RST
06005025686	MACYS MOVERS 200 VICTORY CT	OAKLAND, CA 94607-4615 COUNTY: ALAMEDA	LRST
06010034981	MARINE TERMINALS CORPORATION 5190 007TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010036199	METROCENTER 101 008TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010036526	MILLER PACKING COMPANY 201 002ND	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010039773	OAKLAND CORPORATION YARD 1200 021ST	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06005026317	OAKLAND POWER PLANT 50 MARTIN LUTHER KING	OAKLAND, CA 94607 COUNTY: ALAMEDA	LRST
06007016132	ORRELL - KEEFE INC GRAND AVE OVERPASS	SOUTH SAN FRANCISCO, CA 94607 COUNTY: ALAMEDA	RCRIS_LG
06010040731	P.E. O'HAIR & CO. 309 004TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06005026403	P.E. O'HAIR 339 3RD ST	OAKLAND, CA 94607-4103 COUNTY: ALAMEDA	LRST
06007015195	PACIFIC BELL WHARF & MARITIME ARMY BASE	OAKLAND, CA 94607 COUNTY: ALAMEDA	RCRIS_LG
06008021361	PACIFIC RIM 1338 CYPRESS AVE AT MANDELA PK	OAKLAND, CA 94607 COUNTY: ALAMEDA	RCRIS_SG
06010041682	PACIFIC SUPPLY OAKLAND 1735 024TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06039001436	PG&E GAS PLANT OAKLAND 601 2A FIRST & WASHINGTON	OAKLAND, CA 94607 COUNTY: ALAMEDA	NFRAP
06039001435	PG&E GAS PLANT OAKLAND 601 2 1ST BET JEFFERSON & MARKET	OAKLAND, CA 94607 COUNTY: ALAMEDA	NFRAP
06005026554	PG&E POWER PLANT 510 MARTIN LUTHER KING W	OAKLAND, CA 94607 COUNTY: ALAMEDA	LRST
06040026800	PORT OF OAKLAND / CYPRESS FREEWAY I-80 FRONTAGE ROAD AND BURMA ROAD	OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS
06007012736	PORT OF OAKLAND HANGER 6 OAKLAND AIRPORT	OAKLAND, CA 94607 COUNTY: ALAMEDA	RCRIS_LG
06005026652	PORT OF OAKLAND 5190 7TH ST	OAKLAND, CA 94607-1045 COUNTY: ALAMEDA	LRST
06042001584	PORT OF OAKLAND 530 WATER ST	OAKLAND, CA 94607-3746 COUNTY: ALAMEDA	SWF
06010047923	SABEK, INC. 1230 014TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06007008818	SCHINTZER STEEL ADELINE ST	OAKLAND, CA 94607 COUNTY: ALAMEDA	RCRIS_LG
06010049200	SCHNITZER STEEL PRODUCTS CO. FOOT OF ADELINE	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST

ERIIS SUMMARY OF UNPLOTTABLE SITES
(Facilities sorted alphabetically within ZIP Code)

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID.	FACILITY/STREET	CITY/STATE/ZIP/COUNTY	DATABASE
06010050306	SHELL OIL COMPANY 105 005TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06040026685	SOUTHERN PACIFIC - DESERT RAILYARD CYPRESS CORRIDOR	OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS
06040026743	SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD CYPRESS CORRIDOR	OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS
06007014670	SOUTHERN PACIFIC PIPE LP SUBWAY SEVENTH STREET	OAKLAND, CA 94607 COUNTY: ALAMEDA	RCRIS_LG
06005027419	SOUTHERN PACIFIC RAILYARD 8TH ST E & 8TH AVE	OAKLAND, CA 94607 COUNTY: ALAMEDA	LRST
06010052023	SOUTHERN PACIFIC TRANSPORTATIO 1912 007TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06010052852	STEVE TOOL 2340 ADELINE ST OAKLAND	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06005027703	TEXACO 424 MARTIN LUTHER KING	OAKLAND, CA 94607 COUNTY: ALAMEDA	LRST
06040026563	UNION PACIFIC RAILROAD PROPERTY UNION STREET	OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS
06010057715	UNIVERSAL FOODS CORP.- OAKLAND 1384 005TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06040026576	VACANT AUTO REPAIR SHOREY STREET	OAKLAND, CA 94607 COUNTY: ALAMEDA	HWS
06005028391	VANCANT LOT 11TH ST	OAKLAND, CA 94607 COUNTY: ALAMEDA	LRST
06010059934	VICS AUTOMOTIVE SERVICE 245 008TH	OAKLAND, CA 94607 COUNTY: ALAMEDA	RST
06002001408	CAMANCHE SOUTH SHORE 11700 WADE LANE	BURSON, CA 94607 COUNTY: ALAMEDA	ERNS
06002001072	NAVAL SUPPLY CENTER BIRTH NO. 5 PIER I	OAKLAND, CA 94607 COUNTY: ALAMEDA	ERNS
06042001591	ALAMEDA RECYCLING CENTER	CA COUNTY: ALAMEDA	SWF
06042001619	ANCHOR AVENUE DISPOSAL SITE E SIDE ANCHOR AVE AT E END OF LINCOLN	CA COUNTY: ALAMEDA	SWF
06042001624	B & J TIRES	CA COUNTY: ALAMEDA	SWF
06042001593	BORDEN CHEMICAL 41100 BOYCE RD.	CA COUNTY: ALAMEDA	SWF
06042000010	CITY OF ALAMEDA SW II-2 DISPOSAL SITE N SIDE DOOLITTLE DR AT BR TO ALAMEDA I	ALAMEDA, CA COUNTY: ALAMEDA	SWF
06042001594	CITY OF OAKLAND TRANSFER STATION	CA COUNTY: ALAMEDA	SWF
06042001622	DAVIS STREET STATION	CA COUNTY: ALAMEDA	SWF
06042001625	ENVIRONMENTAL CONVERSION TECH, INC	CA COUNTY: ALAMEDA	SWF
06042001595	FIBERBOARD EMERYVILLE	CA COUNTY: ALAMEDA	SWF

ERIIS SUMMARY OF UNPLOTTABLE SITES
(Facilities sorted alphabetically within ZIP Code)

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ERIIS ID.	FACILITY/STREET	CITY/STATE/ZIP/COUNTY	DATABASE
06042001596	FMC NEWARK 8787 ENTERPRISE DR.	CA COUNTY: ALAMEDA	SWF
06042001616	GALBRAITH GOLF COURSE SW OF DOOLITTLE DR X AIRPORT RD	OAKLAND, CA COUNTY: ALAMEDA	SWF
06042001597	GOLDEN STATE	CA COUNTY: ALAMEDA	SWF
06042001598	GRAY TRUCK COMPANY	CA COUNTY: ALAMEDA	SWF
06042001599	HAWARD	CA COUNTY: ALAMEDA	SWF
06042001600	HAWARD SITE	CA COUNTY: ALAMEDA	SWF
06042001602	MORTON INTERNATIONAL 7380 MORTON AVE.	CA COUNTY: ALAMEDA	SWF
06042001617	NORTH PORT OF OAKLAND REFUSE DS DOOLITTLE RD AND HARBOR BAY PKWY	OAKLAND, CA COUNTY: ALAMEDA	SWF
06042001604	OAKLAND RUBBISH	CA COUNTY: ALAMEDA	SWF
06042001605	OAKLAND SCAVENGER	CA COUNTY: ALAMEDA	SWF
06042001606	OAKLAND STREET DEPT SITE	CA COUNTY: ALAMEDA	SWF
06042001620	OXFORD TIRE RECYCLING OF NORTHERN CALIFO	CA COUNTY: ALAMEDA	SWF
06042001623	PACIFIC COAST RETREADERS, INC.	CA COUNTY: ALAMEDA	SWF
06042001607	PACIFIC STATES STEEL CORP CODISPOSAL SIT	CA COUNTY: ALAMEDA	SWF
06042001626	RH PRODUCTS INC	CA COUNTY: ALAMEDA	SWF
06042001608	SAN LEANDRO	CA COUNTY: ALAMEDA	SWF
06042001609	SAN LEANDRO LANDFILL	CA COUNTY: ALAMEDA	SWF
06042001611	SOUTHERN PACIFIC RR	CA COUNTY: ALAMEDA	SWF
06042001612	THERM-TEC CALIFORNIA, NOW I.E.S.	CA COUNTY: ALAMEDA	SWF
06042001613	THORO SYSTEMS PRODUCTIONS 38403 CHERRY AVE.	CA COUNTY: ALAMEDA	SWF
06042001621	TIRE RESOURCE INDUSTRIES	CA COUNTY: ALAMEDA	SWF
06042001614	TRANSAMERICA DELAVAL 85TH AVE./ENTERPRISE WAY	CA COUNTY: ALAMEDA	SWF

ERIIS Report #92772A

ERIIS ENVIRONMENTAL DATA REPORT
CERCLIS NO FURTHER REMEDIAL ACTION PLANNED SITES
NFRAP - UNPLOTTABLE SITES

Jun 11, 1996

ERIIS ID / EPA ID	FACILITY	FACILITY ADDRESS
06039001435 CAD981415169	PG&E GAS PLANT OAKLAND 601 2 COUNTY: ALAMEDA	1ST BET JEFFERSON & MARKET OAKLAND, CA 94607

SITE EVENT(S)	COMPLETE DATE
DISCOVERY	06/01/1986
PRELIMINARY ASSESSMENT	12/01/1987
SCREENING SITE INSPECTION	09/08/1989

06039001436 CAD981416191	PG&E GAS PLANT OAKLAND 601 2A COUNTY: ALAMEDA	FIRST & WASHINGTON OAKLAND, CA 94607

SITE EVENT(S)	COMPLETE DATE
DISCOVERY	06/01/1986
PRELIMINARY ASSESSMENT	12/01/1987

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_LG - UNPLOTTABLE SITES

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES
06007008818 CAD981634496	SCHINTZER STEEL COUNTY: ALAMEDA	ADELINE ST OAKLAND, CA 94607	FACILITY NOT REPORTED IN RAATS
06007012736 CAD982463614	PORT OF OAKLAND COUNTY: ALAMEDA	HANGER 6 OAKLAND AIRPORT OAKLAND, CA 94607	FACILITY NOT REPORTED IN RAATS

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D000	NOT REPORTED
2.	F001	NOT REPORTED
3.	F003	NOT REPORTED
4.	F005	NOT REPORTED

06007014670 CAT080011182	SOUTHERN PACIFIC PIPE LP COUNTY: ALAMEDA	SUBWAY SEVENTH STREET OAKLAND, CA 94607	FACILITY NOT REPORTED IN RAATS

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D001	NOT REPORTED
2.	K049	NOT REPORTED
3.	K051	NOT REPORTED
4.	K052	NOT REPORTED

06007015195 CAT080018989	PACIFIC BELL COUNTY: ALAMEDA	WHARF & MARITIME ARMY BASE OAKLAND, CA 94607	FACILITY NOT REPORTED IN RAATS

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	D002	NOT REPORTED
2.	D004	NOT REPORTED

06007016132 CAT080030208	ORRELL - KEEFE INC COUNTY: ALAMEDA	GRAND AVE OVERPASS SOUTH SAN FRANCISCO, CA 94607	FACILITY NOT REPORTED IN RAATS

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_LG - UNPLOTTABLE SITES

Jun 11, 1996

ERIIS ID
EPA ID | FACILITY | ADDRESS | RAATS ISSUE DATE
RAATS ACTION/STATUS
RAATS PENALTIES

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	F017	NOT REPORTED

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_SG - UNPLOTTABLE SITES

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID / EPA ID	FACILITY	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES
06008021361 CA0001012269	PACIFIC RIM COUNTY: ALAMEDA	1338 CYPRESS AVE AT MANDELA PK OAKLAND, CA 94607	FACILITY NOT REPORTED IN RAATS

HAZARDOUS WASTES

	WASTE CODE:	AMOUNT OF WASTE:
1.	U080	NOT REPORTED
2.	U103	NOT REPORTED
3.	U210	NOT REPORTED
4.	U359	NOT REPORTED

06008001771 CAD981385156	CFS CORP COUNTY: ALAMEDA	5110 7TH ST OAKLAND, CA 94607-1045	FACILITY NOT REPORTED IN RAATS

ERIIS ENVIRONMENTAL DATA REPORT
EMERGENCY RESPONSE NOTIFICATION SYSTEM
ERNS - UNPLOTTABLE SITES

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID / REPORT NUMBER / SOURCE AGENCY	SPILL CITY, STATE, ZIP CODE / SPILL COUNTY	DISCHARGER NAME / ORGANIZATION / ADDRESS	MEDIA AFFECTED: LAND	WATER	AIR	GRND WATER	FACILITY	SPILL DATE / WATER WAY AFFECTED
06002001072 288994 NATL. RESPONSE CTR	OAKLAND, CA 94607 ALAMEDA	AMERICAN PRESIDENT LINE 1549 MIDDLE HARBOR RD OAKLAND, CA 94607	N	Y	N	N	N	04/27/95 SAN FRANSISCO BAY

LOCATION: NAVAL SUPPLY CENTER BIRTH NO. 5 PIER I
DESCRIPTION: M/V SS COMET, OVERBOARD DISCHARGES//UNKNOWN SHEEN SIZE: 10FT X 20FT, COLOR UNKNOWN
MATERIAL SPILLED: UNKNOWN OIL QTY: 1 PNT LBS: 0 QTY IN WATER: 1 PNT
ACTION TAKEN: SECURED

ERIIS ID / REPORT NUMBER / SOURCE AGENCY	SPILL CITY, STATE, ZIP CODE / SPILL COUNTY	DISCHARGER NAME / ORGANIZATION / ADDRESS	MEDIA AFFECTED: LAND	WATER	AIR	GRND WATER	FACILITY	SPILL DATE / WATER WAY AFFECTED
06002001408 297660 NATL. RESPONSE CTR	BURSON, CA 94607 ALAMEDA	EAST BAY MUNICIPAL UTLTY 375 11TH STREET OAKLAND, CA 94607	N	Y	N	N	N	06/29/95 LAKE CAMANCHE

LOCATION: CAMANCHE SOUTH SHORE 11700 WADE LANE
DESCRIPTION: 1.5"PIPE (FLOW LINE)/FLANGE FAILED
MATERIAL SPILLED: GASOLINE: AUTOMOTIVE (UNLEADED) QTY: 10 GAL LBS: 0 QTY IN WATER: 10 GAL
ACTION TAKEN: LEAK WAS SECURED/DEPLOYED BOOM AND USED SORBENTS
MISCELLANEOUS: SHEEN SIZE:100 FT X 30 FT/COLOR:RAINBOW

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA CALSITES
HWS - UNPLOTTABLE SITES

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID FACILITY ID	FACILITY	ADDRESS	CALSITE STATUS GROUNDWATER STATUS	CALSITE STATUS DATE
06040000789 01420120	GLOBAL INTERNATIONAL FORWARDERS	MARITIME STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	10/21/80
06040026563 01400008	UNION PACIFIC RAILROAD PROPERTY	UNION STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NOT REPORTED	05/10/94
06040026576 01750020	VACANT AUTO REPAIR	SHOREY STREET OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM NOT REPORTED	02/03/94
06040026685 01400009	SOUTHERN PACIFIC - DESERT RAILYARD	CYPRESS CORRIDOR OAKLAND, CA 94607 COUNTY: ALAMEDA	ANNUAL WORKPLAN - ACTIVE SITE GW CONTAMINATION	06/30/93
06040026743 01400010	SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD	CYPRESS CORRIDOR OAKLAND, CA 94607 COUNTY: ALAMEDA	ANNUAL WORKPLAN - ACTIVE SITE GW CONTAMINATION	06/20/94
06040026800 01400011	PORT OF OAKLAND / CYPRESS FREEWAY	I-80 FRONTAGE ROAD AND BURMA ROAD OAKLAND, CA 94607 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GROUNDWATER CONTAMINATION	05/10/94
06040026566 01470003	CAN TRANSPORT	196 BURMA RD OAKLAND, CA 94607-1054 COUNTY: ALAMEDA	VOLUNTARY CLEANUP PROGRAM GW CONTAMINATION	05/10/94

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005024137	CITY OF OAKLAND	CLAY ST OAKLAND, CA 94607	ALAMEDA
CASE NO.: 3842	REPORT DATE: 06/24/93	CASE TYPE: OTHER	
	CASE CLOSED:	SUBSTANCE: GASOLINE	
	REMEDIAL ACTION:	LEAK BEING CONFIRMED: 07/16/93	
	REMEDIATION PLAN:	POLLUTION CHARACTERIZATION:	
		POST REMEDIAL ACTION MONITORING:	
		ABATEMENT METHOD: EXCAVATE AND DISPOSE	STATUS: LEAK BEING CONFIRMED
		PRELIMINARY SITE ASSESSMENT UNDERWAY:	
		PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005024138	CITY OF OAKLAND REDEV AGENCY	1330 MARTIN LUTHER KING OAKLAND, CA 94607	ALAMEDA
CASE NO.: 3823	REPORT DATE: 07/27/88	CASE TYPE: OTHER	
	CASE CLOSED: 05/05/95	SUBSTANCE: GASOLINE	
	REMEDIAL ACTION: 04/10/91	LEAK BEING CONFIRMED:	
	REMEDIATION PLAN: 10/15/91	POLLUTION CHARACTERIZATION:	
		POST REMEDIAL ACTION MONITORING:	
		ABATEMENT METHOD: EXCAVATE AND TREAT	STATUS: CASE CLOSED
		PRELIMINARY SITE ASSESSMENT UNDERWAY: 07/25/88	
		PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005026317	OAKLAND POWER PLANT	50 MARTIN LUTHER KING OAKLAND, CA 94607	ALAMEDA
CASE NO.: 64	REPORT DATE: 05/07/92	CASE TYPE: OTHER	
	CASE CLOSED:	SUBSTANCE: DIESEL	
	REMEDIAL ACTION:	LEAK BEING CONFIRMED:	
	REMEDIATION PLAN:	POLLUTION CHARACTERIZATION:	
		POST REMEDIAL ACTION MONITORING:	
		ABATEMENT METHOD: NO ACTION TAKEN	STATUS: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED
		PRELIMINARY SITE ASSESSMENT UNDERWAY:	
		PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 08/31/92	
06005026554	PG&E POWER PLANT	510 MARTIN LUTHER KING W OAKLAND, CA 94607	ALAMEDA
CASE NO.: 64	REPORT DATE: NOT REPORTED	CASE TYPE: SOIL ONLY	
	CASE CLOSED:	SUBSTANCE: DIESEL	
	REMEDIAL ACTION:	LEAK BEING CONFIRMED:	
	REMEDIATION PLAN:	POLLUTION CHARACTERIZATION:	
		POST REMEDIAL ACTION MONITORING:	
		ABATEMENT METHOD: NO ACTION TAKEN	STATUS: LEAK BEING CONFIRMED
		PRELIMINARY SITE ASSESSMENT UNDERWAY:	
		PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005027419	SOUTHERN PACIFIC RAILYARD	8TH ST E & 8TH AVE OAKLAND, CA 94607	ALAMEDA
CASE NO.: NOT REPORTED	REPORT DATE: 01/06/89	CASE TYPE: SOIL ONLY	
	CASE CLOSED:	SUBSTANCE: DIESEL	
	REMEDIAL ACTION:	LEAK BEING CONFIRMED:	
	REMEDIATION PLAN:	POLLUTION CHARACTERIZATION:	
		POST REMEDIAL ACTION MONITORING:	
		ABATEMENT METHOD: PUMP AND TREAT	STATUS: PRELIMINARY SITE ASSESSMENT UNDERWAY
		PRELIMINARY SITE ASSESSMENT UNDERWAY: 04/25/89	
		PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005027703	TEXACO	424 MARTIN LUTHER KING OAKLAND, CA 94607	ALAMEDA
CASE NO.: 1305	REPORT DATE: 11/21/88	CASE TYPE: OTHER	
	CASE CLOSED: 11/04/93	SUBSTANCE: GASOLINE	
	REMEDIAL ACTION: 12/01/88	LEAK BEING CONFIRMED: 03/23/92	
	REMEDIATION PLAN: 09/26/86	POLLUTION CHARACTERIZATION: 07/27/88	
		POST REMEDIAL ACTION MONITORING: 07/31/89	
		ABATEMENT METHOD: EXCAVATE AND TREAT	STATUS: CASE CLOSED
		PRELIMINARY SITE ASSESSMENT UNDERWAY: 08/30/87	
		PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 04/22/88	

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005028391	VANCANT LOT	11TH ST OAKLAND, CA 94607	ALAMEDA
CASE NO. NOT REPORTED	REPORT DATE 02/16/88 CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE SOIL ONLY	SUBSTANCE GASOLINE LEAK BEING CONFIRMED: POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD NO ACTION TAKEN	STATUS LEAK BEING CONFIRMED PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		
06005023853	CFS CORP	5110 7TH ST OAKLAND, CA 94607-1045	ALAMEDA
CASE NO. 3782	REPORT DATE 02/28/90 CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE OTHER	SUBSTANCE DIESEL LEAK BEING CONFIRMED: 03/23/92 POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD EXCAVATE AND DISPOSE	STATUS PRELIMINARY SITE ASSESSMENT UNDERWAY PRELIMINARY SITE ASSESSMENT UNDERWAY: 05/26/93 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		
06005026652	PORT OF OAKLAND	5190 7TH ST OAKLAND, CA 94607-1045	ALAMEDA
CASE NO. 3783	REPORT DATE 02/24/90 CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE SOIL ONLY	SUBSTANCE DIESEL LEAK BEING CONFIRMED: POLLUTION CHARACTERIZATION: 03/16/90 POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD EXCAVATE AND DISPOSE	STATUS POLLUTION CHARACTERIZATION PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		
06005023715	CAN TRANSPORT	196 BURMA RD OAKLAND, CA 94607-1054	ALAMEDA
CASE NO. NOT REPORTED	REPORT DATE 08/20/90 CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE SOIL ONLY	SUBSTANCE WASTE OIL LEAK BEING CONFIRMED: POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD NO ACTION TAKEN	STATUS LEAK BEING CONFIRMED PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		
06005023885	CHEVRON	1395 7TH ST OAKLAND, CA 94607-2102	ALAMEDA
CASE NO. NOT REPORTED	REPORT DATE 08/05/85 CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE OTHER	SUBSTANCE MISCELLANEOUS MOTOR VEHICLE FUELS LEAK BEING CONFIRMED: POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD REMOVE FREE PRODUCT	STATUS PRELIMINARY SITE ASSESSMENT UNDERWAY PRELIMINARY SITE ASSESSMENT UNDERWAY: 04/19/85 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		
06005028403	P.E. O'HAIR	339 3RD ST OAKLAND, CA 94607-4103	ALAMEDA
CASE NO. NOT REPORTED	REPORT DATE 01/20/90 CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN:	CASE TYPE SOIL ONLY	SUBSTANCE GASOLINE LEAK BEING CONFIRMED: POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD NO ACTION TAKEN	STATUS LEAK BEING CONFIRMED PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005025686	MACYS MOVERS	200 VICTORY CT OAKLAND, CA 94607-4615	ALAMEDA

CASE NO.: 4334
REPORT DATE: 09/03/92
CASE TYPE: OTHER
CASE CLOSED: 06/25/93
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: DIESEL
LEAK BEING CONFIRMED: 10/01/92
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND TREAT
STATUS: CASE CLOSED
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 11/20/89

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005024508	EBMUD-WATER POLLUT CONTRL PLNT	2020 WAKE AVE OAKLAND, CA 94607-5100	ALAMEDA

CASE NO.: NOT REPORTED
REPORT DATE: 11/23/92
CASE TYPE: SOIL ONLY
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: WASTE OIL
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: EXCAVATE AND TREAT
STATUS: PRELIMINARY SITE ASSESSMENT UNDERWAY
PRELIMINARY SITE ASSESSMENT UNDERWAY: 11/23/92
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA SOLID WASTE INFORMATION SYSTEM
SWF - UNPLOTTABLE SITES

ERIIS Report #92772A

Jun 11, 1996

ERIIS ID / SWIS ID	FACILITY	OWNER	CLASSIFICATION CATEGORY	REGULATORY STATUS OPERATIONAL STATUS
06042001584 01-AA-0278	PORT OF OAKLAND 530 WATER ST OAKLAND, CA 94607-3746 ALAMEDA COUNTY		ACTIVITY: TREATMENT UNIT (IN SITU)	PROPOSED PLANNED
06042000010 01-AA-0012	CITY OF ALAMEDA SW II-2 DISPOSAL SITE N SIDE DOOLITTLE DR AT 8R TO ALAMEDA I ALAMEDA, CA ALAMEDA COUNTY	CITY OF ALAMEDA MR WILLIAM NORTON 2263 SANTA CLARA AVE, RM 204 ALAMEDA, CA 94501 PHONE: (510) 522-4100	DISPOSAL FACILITY/DS/SWF DISPOSAL ACTIVITY: SOLID WASTE LANDFILL	PERMITTED CLOSED
06042001616 01-CR-0033	GALBRAITH GOLF COURSE SW OF DOOLITTLE DR X AIRPORT RD OAKLAND, CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE CLOSED
06042001617 01-CR-0034	NORTH PORT OF OAKLAND REFUSE DS DOOLITTLE RD AND HARBOR BAY PKWY OAKLAND, CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE CLOSED
06042001591 01-CR-0007	ALAMEDA RECYCLING CENTER CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001593 01-CR-0009	BORDEN CHEMICAL 41100 BOYCE RD. CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001594 01-CR-0010	CITY OF OAKLAND TRANSFER STATION CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001595 01-CR-0011	FIBERBOARD EMERYVILLE CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001596 01-CR-0012	FMC NEWARK 8787 ENTERPRISE DR. CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001597 01-CR-0013	GOLDEN STATE CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE

ERIIS ENVIRONMENTAL DATA REPORT
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SWF - UNPLOTTABLE SITES

ERIIS Report #92772A

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ERIIS ID / SWIS ID	FACILITY	OWNER	CLASSIFICATION CATEGORY	REGULATORY STATUS OPERATIONAL STATUS
06042001598 01-CR-0014	GRAY TRUCK COMPANY CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001599 01-CR-0015	HAWARD CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001600 01-CR-0016	HAWARD SITE CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001602 01-CR-0018	MORTON INTERNATIONAL 7380 MORTON AVE. CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001604 01-CR-0020	OAKLAND RUBBISH CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001605 01-CR-0021	OAKLAND SCAVENGER CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001606 01-CR-0022	OAKLAND STREET DEPT SITE CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001607 01-CR-0023	PACIFIC STATES STEEL CORP CODISPOSAL SIT CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001608 01-CR-0024	SAN LEANDRO CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001609 01-CR-0025	SAN LEANDRO LANDFILL CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE

ERIIS ENVIRONMENTAL DATA REPORT
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ERIIS Report #92772A

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ERIIS ID / SWIS ID	FACILITY	OWNER	CLASSIFICATION CATEGORY	REGULATORY STATUS / OPERATIONAL STATUS
06042001611 01-CR-0027	SOUTHERN PACIFIC RR CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001612 01-CR-0028	THERM-TEC CALIFORNIA, NOW I.E.S. CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001613 01-CR-0029	THORO SYSTEMS PRODUCTIONS 38403 CHERRY AVE. CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001614 01-CR-0030	TRANSAMERICA DELAVAL 85TH AVE./ENTERPRISE WAY CA ALAMEDA COUNTY		ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042001619 01-CR-0036	ANCHOR AVENUE DISPOSAL SITE E SIDE ANCHOR AVE AT E END OF LINCOLN CA ALAMEDA COUNTY	TOEWS, HERBERT 6184 S HILL STREET ORANGE COVE, CA 93646 PHONE: (209) 626-7337	ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE CLOSED
06042001620 01-TI-0013	OXFORD TIRE RECYCLING OF NORTHERN CALIFO CA ALAMEDA COUNTY		ACTIVITY: WASTE TIRE LOCATION	TO BE TO BE
06042001621 01-TI-0016	TIRE RESOURCE INDUSTRIES CA ALAMEDA COUNTY		ACTIVITY: WASTE TIRE LOCATION	TO BE TO BE
06042001622 01-TI-0037	DAVIS STREET STATION CA ALAMEDA COUNTY		ACTIVITY: WASTE TIRE LOCATION	TO BE TO BE
06042001623 01-TI-0045	PACIFIC COAST RETREADERS, INC. CA ALAMEDA COUNTY		ACTIVITY: WASTE TIRE LOCATION	TO BE TO BE
06042001624 01-TI-0059	B & J TIRES CA ALAMEDA COUNTY		ACTIVITY: WASTE TIRE LOCATION	TO BE TO BE

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ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA SOLID WASTE INFORMATION SYSTEM
SWF - UNPLOTTABLE SITES

Jun 11, 1996

ERIIS ID / SWIS ID	FACILITY	OWNER	CLASSIFICATION CATEGORY	REGULATORY STATUS OPERATIONAL STATUS
06042001625 01-TI-0380	ENVIRONMENTAL CONVERSION TECH, INC CA ALAMEDA COUNTY		ACTIVITY: WASTE TIRE LOCATION	TO BE TO BE
06042001626 01-TI-0381	RH PRODUCTS INC CA ALAMEDA COUNTY		ACTIVITY: WASTE TIRE LOCATION	TO BE TO BE

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ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
RST - UNPLOTTABLE SITES

Jun 11, 1996

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010002845	AMMCO CHEMICAL CORP.	STORAGE	1414 003RD OAKLAND, CA 94607 COUNTY: ALAMEDA	(415) 893-1987

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
2	10000 G	UNKNOWN	ACTIVE	SINGLE WALL	BARE STEEL
1	0 G	UNKNOWN	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010005572	BAY ALARM COMPANY	ALARM SYSTEM	325 007TH OAKLAND, CA 94607 COUNTY: ALAMEDA	ROGER WESTPHAL (415) 452-3211

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	10000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	BARE STEEL
2	3000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010008107	BUILDING C-104 YARD	NOT SUPPLIED	2700 007TH OAKLAND, CA 94607 COUNTY: ALAMEDA	(415) 444-3188

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
CF-32	10000 G	OTHER	ACTIVE	UNKNOWN	UNKNOWN
CF-31	15000 G	OTHER	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010009921	CARNATION DARIES	DAIRY MANUFACTURER	1310 014TH OAKLAND, CA 94607 COUNTY: ALAMEDA	(415) 451-8161

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1955 - 2	12000 G	NOT REPORTED	REMOVED	UNKNOWN	BARE STEEL
1955 - 3	500 G	OIL	REMOVED	UNKNOWN	BARE STEEL
10637	10000 G	NOT REPORTED	REMOVED	UNKNOWN	BARE STEEL
10627	12000 G	UNKNOWN	REMOVED	UNKNOWN	BARE STEEL
10633	11405 G	UNKNOWN	REMOVED	SINGLE WALL	BARE STEEL
1955 - 1	10000 G	NOT REPORTED	REMOVED	UNKNOWN	BARE STEEL
10637 - 2	12000 G	NOT REPORTED	REMOVED	UNKNOWN	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010010513	CERESKE ELECTRIC CABLE COMPANY	CABLE CO.	1688 024TH OAKLAND, CA 94607 COUNTY: ALAMEDA	SCOTT JOHNSON (415) 832-3546

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
2	550 G	REGULAR UNLEADED	ACTIVE	UNKNOWN	BARE STEEL
1	2000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010010563	CFS CORPORATION	NOT SUPPLIED	5110 007TH OAKLAND, CA 94607 COUNTY: ALAMEDA	WILLIAM NILAND (415) 834-9620

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
#1	1000 G	NOT REPORTED	REMOVED	UNKNOWN	STAINLESS STEEL

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ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
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ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010013035	CITY OF OAKLAND #2 ENGINE FIRE	FIRE HOUSE	CLAY OAKLAND, CA 94607 COUNTY: ALAMEDA	GEORGE GRAY (415) 273-3856

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	1000 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010013738	COCHRAN & CELLI, INC.	AUTO DEALER	1049 009TH OAKLAND, CA 94607 COUNTY: ALAMEDA	A. STEVE SIMI (415) 444-0055

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
3	1000 G	REGULAR UNLEADED	ACTIVE	UNKNOWN	UNKNOWN
2	500 G	OIL	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010014266	CONTAINERFREIGHT CORPORATION	FUEL OUR TRUCKS	2095 007TH OAKLAND, CA 94607 COUNTY: ALAMEDA	MURL GIBONEY (213) 435-9161

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	10000 G	NOT REPORTED	INACTIVE	UNKNOWN	BARE STEEL
2	10000 G	NOT REPORTED	INACTIVE	UNKNOWN	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010017941	EAST BAY TIRE CO.	TIRE WHOLESALES	225 003RD OAKLAND, CA 94607 COUNTY: ALAMEDA	(415) 444-8811

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	550 G	REGULAR UNLEADED	REMOVED	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010023925	GLE TELEPHONE	GAS STATION	670 009TH OAKLAND, CA 94607 COUNTY: ALAMEDA	RUNNING, CHRIS (415) 834-2442

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1001	1 G	REGULAR UNLEADED	REMOVED	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010024042	GLOBE METALS CO.	ALUMINUM RECYCLING	1820 010TH OAKLAND, CA 94607 COUNTY: ALAMEDA	LUIGI FERRI (415) 444-2776

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	560 G	REGULAR UNLEADED	REMOVED	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010028051	J & O TRUCK TERMINAL	GAS STATION	1107 005TH OAKLAND, CA 94607 COUNTY: ALAMEDA	TONY MUIR (MOBIL) (415) 832-4907

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	10000 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN
2	8000 G	REGULAR UNLEADED	ACTIVE	UNKNOWN	UNKNOWN
3	10000 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN
4	10000 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
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ERIIS Report #92772A

Jun 11, 1996

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010047923	SABEK, INC.	GAS STATION	1230 014TH OAKLAND, CA 94607 COUNTY: ALAMEDA	ANDY SABERI (415) 444-0264

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	5000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	BARE STEEL
3	5000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	BARE STEEL
4	8000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL
2	5000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	BARE STEEL

06010049200	SCHNITZER STEEL PRODUCTS CO.	RECYCLER	FOOT OF ADELINE OAKLAND, CA 94607 COUNTY: ALAMEDA	NICK ANDRUSYSHYN (415) 444-3919

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
2	550 G	NOT REPORTED	INACTIVE	SINGLE WALL	BARE STEEL
1	550 G	REGULAR UNLEADED	INACTIVE	UNKNOWN	UNKNOWN

06010050306	SHELL OIL COMPANY	GAS STATION	105 005TH OAKLAND, CA 94607 COUNTY: ALAMEDA	(415) 839-0784

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	10000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	FIBERGLASS
2	10000 G	NOT REPORTED	ACTIVE	SINGLE WALL	FIBERGLASS
3	10000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	FIBERGLASS
4	10000 G	NOT REPORTED	ACTIVE	SINGLE WALL	FIBERGLASS

06010052023	SOUTHERN PACIFIC TRANSPORTATIO	RAILYARD	1912 007TH OAKLAND, CA 94607 COUNTY: ALAMEDA	C. SHELTON (415) 891-7728

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
#1	2500 G	NOT REPORTED	REMOVED	SINGLE WALL	BARE STEEL
#2	3000 G	REGULAR UNLEADED	REMOVED	SINGLE WALL	BARE STEEL
#3	2500 G	NOT REPORTED	REMOVED	SINGLE WALL	BARE STEEL

06010052852	STEVE TOOL	MACHINE & JOBBING SH	2340 ADELINE ST OAKLAND OAKLAND, CA 94607 COUNTY: ALAMEDA	RICK SANFORD (415) 893-5588

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	370 G	REGULAR UNLEADED	ACTIVE	UNKNOWN	BARE STEEL

06010057715	UNIVERSAL FOODS CORP.- OAKLAND	RED STAR YEAST MFG.	1384 005TH OAKLAND, CA 94607 COUNTY: ALAMEDA	THOMAS G. FORTMAN (415) 451-9215

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	3000 G	NOT REPORTED	REMOVED	SINGLE WALL	BARE STEEL

06010059934	VICS AUTOMOTIVE SERVICE	GAS STATION-RETAIL	245 008TH OAKLAND, CA 94607 COUNTY: ALAMEDA	VICTOR LUM (520) 832-9014

ERIIS ENVIRONMENTAL DATA REPORT
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ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	6000 G	NOT REPORTED	INACTIVE	UNKNOWN	FIBERGLASS
2	1000 G	REGULAR UNLEADED	REMOVED	SINGLE WALL	BARE STEEL
3	1000 G	REGULAR UNLEADED	REMOVED	SINGLE WALL	BARE STEEL
4	1000 G	NOT REPORTED	REMOVED	SINGLE WALL	BARE STEEL
5	1000 G	REGULAR UNLEADED	REMOVED	SINGLE WALL	BARE STEEL
6	6000 G	REGULAR UNLEADED	INACTIVE	UNKNOWN	UNKNOWN
7	500 G	OIL	REMOVED	SINGLE WALL	BARE STEEL

06010000828 A & H TRUCK REPAIR INC — TRUCKING — 1825 MARKET ST, OAKLAND, CA 94607-3331, COUNTY: ALAMEDA — (510) 451-0894

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	2000 G	REGULAR UNLEADED	REMOVED	SINGLE WALL	OTHER
2	700 G	OIL	ACTIVE	SINGLE WALL	FIBERGLASS

06010034425 MACY MOVERS — OTHER TYPE TANK — 200 VICTORY CT, OAKLAND, CA 94607-4615, COUNTY: ALAMEDA — (510) 841-9100

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	2000 G	REGULAR UNLEADED	REMOVED	SINGLE WALL	BARE STEEL

06010018065 EBMUD WATER POLLUTION CONTROL — SEWAGE — 2020 WAKE AVE, OAKLAND, CA 94607-5100, COUNTY: ALAMEDA — (510) 287-1458

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	1700 G	REGULAR UNLEADED	REMOVED	UNKNOWN	UNKNOWN
2	800 G	OIL	REMOVED	UNKNOWN	UNKNOWN
3	15000 G	NOT REPORTED	REMOVED	SINGLE WALL	UNKNOWN
4	2000 G	OIL	REMOVED	SINGLE WALL	UNKNOWN
5	600 G	REGULAR UNLEADED	REMOVED	UNKNOWN	UNKNOWN
6	3000 G	NOT REPORTED	REMOVED	UNKNOWN	UNKNOWN

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ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010030394	KAISER STEEL CORPORATION YARD	FABRICATION AND EREC	2850 007TH OAKLAND, CA 94607 COUNTY: ALAMEDA	JACK CARPENTER (707) 257-5021

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	5000 G	NOT REPORTED	ACTIVE	UNKNOWN	BARE STEEL
2	3000 G	NOT REPORTED	ACTIVE	UNKNOWN	BARE STEEL
3	5000 G	REGULAR UNLEADED	ACTIVE	UNKNOWN	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010034981	MARINE TERMINALS CORPORATION	TERMINAL OPS	5190 007TH OAKLAND, CA 94607 COUNTY: ALAMEDA	STAN KHOO, TERMINAL MANAGER (415) 271-0400

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	10000 G	NOT REPORTED	REMOVED	SINGLE WALL	FIBERGLASS
2	10000 G	NOT REPORTED	REMOVED	SINGLE WALL	FIBERGLASS
3	5000 G	NOT REPORTED	REMOVED	SINGLE WALL	FIBERGLASS

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010036199	METROCENTER	MAINTENANCE FACILITY	101 008TH OAKLAND, CA 94607 COUNTY: ALAMEDA	BAY AREA RAPID TRANSIT DIST (510) 464-6808

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
4-1-MEP	4000 G	NOT REPORTED	ACTIVE	SINGLE WALL	FIBERGLASS

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010036526	MILLER PACKING COMPANY	MEAT PROCESSING PLAN	201 002ND OAKLAND, CA 94607 COUNTY: ALAMEDA	WILLIAM MILTON (415) 451-7200

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
201	550 G	NOT REPORTED	REMOVED	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010039773	OAKLAND CORPORATION YARD	UTILITY	1200 021ST OAKLAND, CA 94607 COUNTY: ALAMEDA	E.V. MATHEWS (415) 835-3000

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
8360	6000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	FIBERGLASS
52022-1	10000 G	NOT REPORTED	ACTIVE	UNKNOWN	BARE STEEL
8579	4000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL
4	550 G	OIL	ACTIVE	SINGLE WALL	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010040731	P.E. O'HAIR & CO.	NOT SUPPLIED	309 004TH OAKLAND, CA 94607 COUNTY: ALAMEDA	MICHAEL O'HAIR (415) 451-6424

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
#1	500 G	REGULAR UNLEADED	REMOVED	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010041682	PACIFIC SUPPLY OAKLAND	SUPPLY YARD	1735 024TH OAKLAND, CA 94607 COUNTY: ALAMEDA	HARRY MCINTOSH (415) 832-5734

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	550 G	REGULAR UNLEADED	REMOVED	UNKNOWN	UNKNOWN

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
AERIAL PHOTOGRAPH SEARCH REPORT

The following sources have reported aerial photo coverage for the subject site USGS topoquad.
For site-specific photo availability and ordering, please call the individual source agency or call AIC at 1-800-945-9509 or fax this page to AIC at 512-478-5215.

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VENDOR NAME | STREET | STATE | ZIP | PHONE

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE | AERAIL PHOTOGRAPHY FIELD OFFICE P O BOX 30010 | UT | 84130-0010 | (801) 975-3503

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1950 AUG 13	VERTICAL CARTO (IMPLIES STEREO)	BUT	20000	8.25in OR 210mm	B&W	0%	90%	08
1959 MAY 15	VERTICAL CARTO (IMPLIES STEREO)	BUT	20000	8.25in OR 210mm	B&W	0%	90%	08

NATIONAL OCEAN SERVICE NOAA/COAST AND GEODETIC SURVEY SUPPORT | OAA/COAST AND GEODETIC SURVEY S | MD | 20910-3282 | (301) 713-2692

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1983 APR 06	VERTICAL CARTO (IMPLIES STEREO)	83 ZC	30000	6.00in OR 152mm	COLOR	0%	40%	57-A4-5506-5515
1983 APR 06	VERTICAL CARTO (IMPLIES STEREO)	83 ZC	30000	6.00in OR 152mm	COLOR	0%	50%	57-A4-5550-5564
1983 APR 06	VERTICAL CARTO (IMPLIES STEREO)	83 ZC	40000	6.00in OR 152mm	COLOR	0%	40%	57-A4-5437-5456
1955 MAY 31	VERTICAL CARTO (IMPLIES STEREO)	55W	20000	6.00in OR 152mm	B&W	0%	50%	57-A 8039-8071
1956 AUG 08	VERTICAL CARTO (IMPLIES STEREO)	56W-4	30000	6.00in OR 152mm	B&W	0%	20%	57-A 2515-2517
1959 JAN 10	VERTICAL CARTO (IMPLIES STEREO)	59S-2	20000	6.00in OR 152mm	B&W	0%	40%	57-A2 7444-7452
1959 OCT 01	VERTICAL CARTO (IMPLIES STEREO)	59S-1	20000	6.00in OR 152mm	B&W	0%	20%	57-A2 7528-7530
1959 OCT 01	VERTICAL CARTO (IMPLIES STEREO)	59S-2	20000	6.00in OR 152mm	B&W	0%	30%	57-A2 7489-7501
1960 APR 09	VERTICAL CARTO (IMPLIES STEREO)	60S-2	36000	6.00in OR 152mm	B&W	0%	30%	57-A2 2284-2287
1960 APR 09	VERTICAL CARTO (IMPLIES STEREO)	60S-3	36000	6.00in OR 152mm	B&W	0%	50%	57-A2 2288-2294
1961 OCT 07	VERTICAL CARTO (IMPLIES STEREO)	61W	36000	6.00in OR 152mm	B&W	0%	40%	57-A3 1406-1428
1961 OCT 07	VERTICAL CARTO (IMPLIES STEREO)	61W-2	36000	6.00in OR 152mm	B&W	0%	20%	57-A3 1383-1398
1963 JUN 21	VERTICAL CARTO (IMPLIES STEREO)	63M-2	36000	3.46in OR 88mm	B&W	0%	20%	57-A3 2505-2511
1963 JUN 21	VERTICAL CARTO (IMPLIES STEREO)	63M-3	60000	3.46in OR 88mm	B&W	0%	30%	57-A3 2489-2490
1963 JUN 21	VERTICAL CARTO (IMPLIES STEREO)	63M-4	60000	3.46in OR 88mm	B&W	0%	90%	57-A3 2491-2500
1963 AUG 21	VERTICAL CARTO (IMPLIES STEREO)	63S-1	20000	6.00in OR 152mm	COLOR	0%	30%	57-A 7609-7619
1963 SEP 01	VERTICAL CARTO (IMPLIES STEREO)	63W-2	20000	6.00in OR 152mm	COLOR	0%	30%	57-A 9449-9454
1964 SEP 11	VERTICAL CARTO (IMPLIES STEREO)	64K	40000	6.00in OR 152mm	B&W	0%	20%	57-A4 2102-2108
1964 SEP 11	VERTICAL CARTO (IMPLIES STEREO)	64K-1	40000	6.00in OR 152mm	B&W	0%	60%	57-A4 2111-2117
1964 SEP 11	VERTICAL CARTO (IMPLIES STEREO)	64K-2	40000	6.00in OR 152mm	B&W	0%	30%	57-A4 2118-2125
1964 SEP 11	VERTICAL CARTO (IMPLIES STEREO)	64M-1	60000	3.46in OR 88mm	B&W	0%	60%	57-A3 4247-4245
1964 SEP 11	VERTICAL CARTO (IMPLIES STEREO)	64M-1	60000	3.46in OR 88mm	B&W	0%	80%	57-A3 4231-4235
1964 SEP 11	VERTICAL CARTO (IMPLIES STEREO)	64M-2	60000	3.46in OR 88mm	B&W	0%	20%	57-A3 4236-4240
1964 SEP 12	VERTICAL CARTO (IMPLIES STEREO)	64M-3	60000	3.46in OR 88mm	B&W	0%	70%	57-A3 4242-4244
1964 SEP 13	VERTICAL CARTO (IMPLIES STEREO)	64S-1	20000	6.00in OR 152mm	COLOR	0%	20%	57-A 8460-8473
1965 JUL 21	VERTICAL CARTO (IMPLIES STEREO)	64S-3	20000	6.00in OR 152mm	COLOR	0%	20%	57-A 8569-8591
1966 JUL 31	VERTICAL CARTO (IMPLIES STEREO)	65S-2	30000	6.00in OR 152mm	COLOR	0%	20%	57-A2 6111-6120
1966 JUL 31	VERTICAL CARTO (IMPLIES STEREO)	66S-2	30000	6.00in OR 152mm	B&W	0%	20%	57-A5 3776-3784
1968 MAR 27	VERTICAL CARTO (IMPLIES STEREO)	66S-4	30000	6.00in OR 152mm	B&W	0%	30%	57-A5 3816-3826
1969 JUN 24	VERTICAL CARTO (IMPLIES STEREO)	68L-8	20000	6.00in OR 152mm	COLOR	0%	20%	57-A2 9883-9887
1969 JUN 24	VERTICAL CARTO (IMPLIES STEREO)	69L-6	30000	6.00in OR 152mm	B&W	0%	40%	57-A-2 0584-0587
1969 JUN 24	VERTICAL CARTO (IMPLIES STEREO)	69L-7	30000	6.00in OR 152mm	B&W	0%	30%	57-A-2 0588-0590
1973 MAY 12	VERTICAL CARTO (IMPLIES STEREO)	69L-8	30000	6.00in OR 152mm	B&W	0%	20%	57-A-2 0592-0595
1973 MAY 12	VERTICAL CARTO (IMPLIES STEREO)	73L-1	36000	6.00in OR 152mm	B&W	0%	70%	57-A6 5448-5453
1973 MAY 12	VERTICAL CARTO (IMPLIES STEREO)	73L-7	36000	6.00in OR 152mm	B&W	0%	50%	57-A6 5475-5478
1973 MAY 17	VERTICAL CARTO (IMPLIES STEREO)	73L-8	36000	6.00in OR 152mm	B&W	0%	30%	57-A6 5479-5483
1973 MAY 17	VERTICAL CARTO (IMPLIES STEREO)	73L-2	40000	6.00in OR 152mm	COLOR	0%	50%	57-A3 5655-5661
1973 MAY 17	VERTICAL CARTO (IMPLIES STEREO)	73L-2	40000	6.00in OR 152mm	COLOR	0%	80%	57-A3 5667-5673
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	73L-3	40000	6.00in OR 152mm	COLOR	0%	20%	57-A3 5674-5680
		77B	50000	6.00in OR 152mm	B&W	0%	20%	57-A12 2567-2573

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
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ERIIS Report #92772A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W	0%	30%	57-A11 2538-2551
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W	0%	40%	57A-11 2538-2551
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-1	50000	6.00in OR 152mm	B&W	0%	30%	57-A12 2645-2652
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-1	50000	6.00in OR 152mm	B&W	0%	30%	57A-12 2645-2652
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	B&W	0%	60%	57-A11 2553-2563
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-2	50000	6.00in OR 152mm	B&W	0%	30%	57A-12 2571-2573
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-2	50000	6.00in OR 152mm	B&W	0%	60%	57-A12 2597-2604
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-3	30000	6.00in OR 152mm	B&W	0%	80%	57A-12 2597-2600
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-3	50000	6.00in OR 152mm	B&W	0%	40%	57A-11 2558-2563
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-1	40000	6.00in OR 152mm	COLOR	0%	30%	57A-12 2601-2604
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-1	40000	6.00in OR 152mm	COLOR	0%	20%	57-A9 2859-2864
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	COLOR	0%	30%	57-A9 2891-2892
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-2	40000	6.00in OR 152mm	B&W IR	0%	50%	57-A9 2792-2803
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-2	40000	6.00in OR 152mm	B&W IR	0%	30%	57A-09 2884-2887
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-2	40000	6.00in OR 152mm	COLOR	0%	70%	57A-09 2866-2871
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-2	40000	6.00in OR 152mm	COLOR	0%	30%	57-A9 2883-2887
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-3	30000	6.00in OR 152mm	B&W IR	0%	60%	57-A9 2868-2875
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-3	40000	6.00in OR 152mm	B&W IR	0%	50%	57A-09 2792-2796
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-4	30000	6.00in OR 152mm	B&W IR	0%	20%	57A-09 2909-2925
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-4	40000	6.00in OR 152mm	B&W	0%	30%	57A-09 2797-2803
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-5	30000	6.00in OR 152mm	COLOR	0%	20%	57-A9 2909-2924
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-6	30000	6.00in OR 152mm	COLOR	0%	30%	57-A9 2818-2820
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-7	30000	6.00in OR 152mm	B&W IR	0%	30%	57-A9 2821-2825
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-7	30000	6.00in OR 152mm	COLOR	0%	30%	57A-09 2818-2820
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-8	30000	6.00in OR 152mm	B&W IR	0%	30%	57-A9 2827-2840
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-9	30000	6.00in OR 152mm	B&W IR	0%	40%	57A-09 2821-2825
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	COLOR	0%	30%	57A-09 2827-2833
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-4	30000	6.00in OR 152mm	COLOR	0%	50%	57-A8 3070-3080
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-5	30000	6.00in OR 152mm	B&W IR	0%	50%	57-A8 3087-3093
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-5	30000	6.00in OR 152mm	COLOR	0%	50%	57A-08 3087-3093
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-7	30000	6.00in OR 152mm	B&W IR	0%	30%	57-A8 3085-3107
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-8	30000	6.00in OR 152mm	B&W IR	0%	30%	57A-08 3100-3107
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W IR	0%	20%	57A-08 3109-3117
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	COLOR	0%	30%	57A-08 3247-3252
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-1	40000	6.00in OR 152mm	B&W IR	0%	20%	57-A8 3247-3252
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-1	40000	6.00in OR 152mm	COLOR	0%	30%	57A-08 3262-3267
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	B&W IR	0%	20%	57-A8 3262-3267
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	COLOR	0%	20%	57A-08 3253-3260
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-2	40000	6.00in OR 152mm	B&W IR	0%	20%	57-A8 3253-3260
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-2	40000	6.00in OR 152mm	COLOR	0%	30%	57A-08 3269-3287
1977 MAR 14	VERTICAL CARTO (IMPLIES STEREO)	74L	20000	6.00in OR 152mm	COLOR	0%	30%	57-A8 3269-3287
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W	0%	20%	57-A3 2194-2196
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W	0%	60%	57A-11 3690-3703
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	B&W IR	0%	70%	57-A11 3690-3703
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	B&W	0%	20%	57A-09 3429-3431
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-3	30000	6.00in OR 152mm	B&W IR	0%	50%	57-A9 3431-3436
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-3	30000	6.00in OR 152mm	B&W	0%	50%	57A-09 3432-3436
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-3	30000	6.00in OR 152mm	B&W	0%	20%	57-A11 3492-3499
							30%	57A-11 3491-3499

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VENDOR NAME	STREET			STATE	ZIP	PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-3	30000	6.00in OR 152mm	B&W	0%	40%	57A-11 3757-3770
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-4	30000	6.00in OR 152mm	B&W	0%	20%	57-A11 3757-3770
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-5	30000	6.00in OR 152mm	B&W	0%	30%	57-A11 3508-3514
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-5	30000	6.00in OR 152mm	B&W	0%	60%	57A-11 3508-3515
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-7	30000	6.00in OR 152mm	B&W	0%	40%	57-A11 3527-3539
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-8	30000	6.00in OR 152mm	B&W	0%	50%	57-A11 3541-3551
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-8	30000	6.00in OR 152mm	B&W	0%	50%	57A-11 3534-3539
1977 MAR 28	VERTICAL CARTO (IMPLIES STEREO)	77B-9	30000	6.00in OR 152mm	B&W	0%	50%	57A-11 3541-3551
1977 MAR 28	VERTICAL CARTO (IMPLIES STEREO)	77B	40000	6.00in OR 152mm	B&W IR	0%	50%	57A-10 3827-3835
1977 MAR 28	VERTICAL CARTO (IMPLIES STEREO)	77B	40000	6.00in OR 152mm	COLOR	0%	50%	57-A10 3827-3835
1977 MAR 28	VERTICAL CARTO (IMPLIES STEREO)	77B	40000	6.00in OR 152mm	COLOR	0%	70%	57-A10 3808-3818
1977 MAR 28	VERTICAL CARTO (IMPLIES STEREO)	77B	40000	6.00in OR 152mm	B&W	0%	20%	57-A10 3827-3835
1977 MAR 28	VERTICAL CARTO (IMPLIES STEREO)	77B	40000	6.00in OR 152mm	B&W	0%	70%	57-A10 3808-3818
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-1	40000	6.00in OR 152mm	B&W IR	0%	60%	57A-10 3808-3814
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-1	36000	6.00in OR 152mm	B&W	0%	40%	57-A11 6487-6495
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-3	36000	6.00in OR 152mm	B&W	0%	50%	57A-11 6487-6495
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-3	36000	6.00in OR 152mm	B&W	0%	40%	57-A11 6507-6509
1981 MAY 02	VERTICAL CARTO (IMPLIES STEREO)	81EP-1	15000	6.00in OR 152mm	B&W	0%	40%	57A-11 6507-6509
1981 MAY 02	VERTICAL CARTO (IMPLIES STEREO)	81EP-3	15000	6.00in OR 152mm	B&W	0%	20%	57-A 1378-1396
1981 MAY 03	VERTICAL CARTO (IMPLIES STEREO)	81EP-3	40000	6.00in OR 152mm	B&W	0%	30%	57-A 1410-1421
1981 MAY 03	VERTICAL CARTO (IMPLIES STEREO)	81EP-4	40000	6.00in OR 152mm	B&W	0%	40%	57-A 1513-1522
							60%	57-A 1524-1538

U S AIR FORCE DEPT OF THE AIR FORCE EDC (800) USA-MAPS

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1956 JUN 11	VERTICAL RECONNAISSANCE	03125	74052	6.00in OR 152mm	B&W	0%	60%	2 0020030
1960 APR 10	VERTICAL CARTO (IMPLIES STEREO)	59045	61600	UNKOWN	B&W	0%	100%	1 0950249
1968 JUL 11	VERTICAL RECONNAISSANCE	0027V	148404	1.97in OR 50mm	B&W	20%	100%	2 0010088
1968 JUL 11	VERTICAL RECONNAISSANCE	0027V	148458	1.97in OR 50mm	B&W	10%	90%	2 0010090

U S ARMY CORPS OF ENGINEERS, SAN FRANCISCO SURVEY BRANCH 211 MAIN ST CA 94105 (414) 974-0421

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1977 JAN	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	24000	6.00in OR 152mm	B&W	0%	90%	OAKLAND WEST
1977 JUN 21	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	24000	6.00in OR 152mm	B&W	0%	90%	OAKLAND WEST
1978 APR 03	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	24000	6.00in OR 152mm	B&W	0%	90%	OAKLAND WEST
1979 APR	VERTICAL CARTO (IMPLIES STEREO)	SFB	24000	6.00in OR 152mm	B&W	0%	90%	SFO BAY AREA
1980 MAY	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	24000	6.00in OR 152mm	B&W	0%	100%	OAKLAND WEST
1980 SEP	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	12000	6.00in OR 152mm	COLOR	0%	100%	OAKLAND WEST
1981 SEP	VERTICAL CARTO (IMPLIES STEREO)	SFB	24000	6.00in OR 152mm	B&W	0%	90%	SFO BAY AREA
1982 JUL	VERTICAL CARTO (IMPLIES STEREO)	SFB	24000	6.00in OR 152mm	B&W	0%	90%	SFO BAY AREA
1983 SEP	VERTICAL CARTO (IMPLIES STEREO)	SFB	12000	6.00in OR 152mm	COLOR	0%	90%	SFO BAY AREA
1983 SEP	VERTICAL CARTO (IMPLIES STEREO)	SFB	12000	6.00in OR 152mm	B&W	0%	90%	SFO BAY AREA

U S GEOLOGICAL SURVEY RESTON ESIC 507 NATIONAL CENTER VA 22092 (703) 648-5920

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VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1981 APR 30	VERTICAL CARTO (IMPLIES STEREO)	VEZR	24000	OTHER	B&W	0%	100%	
1991 AUG 16	VERTICAL CARTO (IMPLIES STEREO)	VFNZC	24000	OTHER	COLOR	0%	100%	
1946 OCT 28	VERTICAL CARTO (IMPLIES STEREO)	CP	23600	OTHER	B&W	0%	100%	
1958 JUL 25	VERTICAL CARTO (IMPLIES STEREO)	VUO	30000	OTHER	B&W	0%	100%	
1968 MAY 29	VERTICAL CARTO (IMPLIES STEREO)	VBZJ	30000	OTHER	B&W	0%	100%	
1970 MAY 14	VERTICAL CARTO (IMPLIES STEREO)	VCMI	80094	OTHER	B&W	0%	100%	
1982 AUG 01	VERTICAL CARTO (IMPLIES STEREO)	N3722	80000	OTHER	B&W	0%	100%	
1983 JUL 01	VERTICAL CARTO (IMPLIES STEREO)	N3722	58000	OTHER	COLOR	0%	100%	
1980 NOV 15	VERTICAL CARTO (IMPLIES STEREO)	VEZR-7	24000	6.00in OR 152mm	B&W	0%	100%	
1984 DEC	SLAR	RADSAN	0250000	OTHER	B&W	UNK	100%	SAN FRANCISCO E
1987	VERTICAL CARTO (IMPLIES STEREO)	NP8721	0040000	6.00in OR 152mm	COLOR	0%	100%	NAPP-LEAF ON

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, AMES RESEARCH CNTR CONTACT U S GEOLOGICAL SURVEY ESIC OFFICES (800) USA-MAPS

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1972 APR 07	VERTICAL RECONNAISSANCE	00272	127000	6.00in OR 152mm	COLOR	20%	100%	572000272 0079 0
1972 APR 07	VERTICAL RECONNAISSANCE	00272	128000	6.00in OR 152mm	COLOR	40%	100%	572000272 0065 0
1972 APR 07	VERTICAL RECONNAISSANCE	00272	128000	6.00in OR 152mm	COLOR	60%	20%	572000272 0067 0
1972 APR 07	VERTICAL RECONNAISSANCE	00272	130000	6.00in OR 152mm	COLOR	10%	100%	572000272 0008 0
1972 APR 07	VERTICAL RECONNAISSANCE	00275	32000	1.97in OR 50mm	COLOR	10%	90%	572000275 0006 0
1972 APR 07	VERTICAL RECONNAISSANCE	00275	32000	1.97in OR 50mm	COLOR	20%	20%	572000275 0068 0
1972 APR 07	VERTICAL RECONNAISSANCE	00275	33000	1.97in OR 50mm	COLOR	10%	60%	572000275 0000 0
1972 MAY 10	VERTICAL RECONNAISSANCE	00275	33000	1.97in OR 50mm	COLOR	10%	90%	572000275 0056 0
1972 MAY 10	VERTICAL RECONNAISSANCE	00336	90000	6.00in OR 152mm	B&W	0%	30%	572000336 0102 0
1972 JUN 26	VERTICAL RECONNAISSANCE	00336	100000	6.00in OR 152mm	B&W	0%	90%	572000336 0103 0
1972 JUL 05	VERTICAL RECONNAISSANCE	00482	127000	6.00in OR 152mm	COLOR	0%	100%	572000482 1770 1
1972 JUL 05	VERTICAL RECONNAISSANCE	00492	131000	6.00in OR 152mm	COLOR	0%	100%	572000492 2504 2
1972 JUL 05	VERTICAL RECONNAISSANCE	00492	131000	6.00in OR 152mm	COLOR	10%	70%	572000492 2421 2
1972 JUL 05	VERTICAL RECONNAISSANCE	00492	132000	6.00in OR 152mm	COLOR	0%	100%	572000492 2501 2
1972 JUL 14	VERTICAL RECONNAISSANCE	00492	132000	6.00in OR 152mm	COLOR	10%	70%	572000492 2423 2
1972 JUL 27	VERTICAL RECONNAISSANCE	00508	92000	6.00in OR 152mm	COLOR	0%	30%	572000508 3006 3
1972 JUL 27	VERTICAL RECONNAISSANCE	00565	129000	6.00in OR 152mm	COLOR	0%	40%	572000565 2005 2
1972 JUL 27	VERTICAL RECONNAISSANCE	00565	134000	6.00in OR 152mm	COLOR	0%	90%	572000565 1999 2
1972 SEP 12	VERTICAL RECONNAISSANCE	00565	137000	6.00in OR 152mm	COLOR	10%	90%	572000565 2009 2
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	126000	UNKOWN	B&W	0%	50%	572000625 5632 5
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	127000	UNKOWN	B&W	0%	100%	572000625 5651 5
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	129000	UNKOWN	B&W	0%	40%	572000625 5646 5
1972 SEP 28	VERTICAL RECONNAISSANCE	00625	129000	UNKOWN	B&W	0%	90%	572000625 5647 5
1972 SEP 28	VERTICAL RECONNAISSANCE	00715	130000	6.00in OR 152mm	B&W	10%	100%	572000715 0006 0
1972 OCT 06	VERTICAL RECONNAISSANCE	00715	133000	6.00in OR 152mm	B&W	20%	60%	572000715 0004 0
1972 OCT 06	VERTICAL RECONNAISSANCE	00726	131000	6.00in OR 152mm	COLOR	0%	100%	572000726 6619 6
1972 NOV 22	VERTICAL RECONNAISSANCE	00726	131000	6.00in OR 152mm	COLOR	0%	100%	572000726 6623 6
1972 DEC 13	VERTICAL RECONNAISSANCE	00713	32000	1.97in OR 50mm	COLOR	0%	60%	572000713 0040 0
1972 DEC 13	VERTICAL RECONNAISSANCE	00854	32000	6.00in OR 152mm	B&W	0%	30%	572000854 0082 0
1972 DEC 13	VERTICAL RECONNAISSANCE	00854	32000	6.00in OR 152mm	B&W	0%	70%	572000854 0086 0
1972 DEC 13	VERTICAL RECONNAISSANCE	00854	33000	6.00in OR 152mm	B&W	0%	40%	572000854 0009 0
1972 DEC 13	VERTICAL RECONNAISSANCE	00855	32000	1.97in OR 50mm	COLOR	0%	30%	572000855 0082 0
1972 DEC 13	VERTICAL RECONNAISSANCE	00855	32000	1.97in OR 50mm	COLOR	0%	70%	572000855 0086 0

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ERIIS Report #92772A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1972 DEC 13	VERTICAL RECONNAISSANCE	00855	33000	1.97in OR 50mm	COLOR	0%	40%	572000855 0009 0
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	55000	6.00in OR 152mm	COLOR	0%	30%	573000882 7396 7
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	61000	6.00in OR 152mm	COLOR	0%	20%	573000882 7394 7
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	68000	6.00in OR 152mm	COLOR	0%	30%	573000882 7393 7
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	75000	6.00in OR 152mm	COLOR	0%	30%	573000882 7301 7
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	77000	6.00in OR 152mm	COLOR	0%	40%	573000882 7300 7
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	80000	6.00in OR 152mm	COLOR	0%	50%	573000882 7298 7
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	81000	6.00in OR 152mm	COLOR	0%	30%	573000882 7303 7
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	121000	6.00in OR 152mm	COLOR	0%	100%	573000882 7383 7
1973 JAN 22	VERTICAL RECONNAISSANCE	00882	131000	6.00in OR 152mm	COLOR	0%	100%	573000882 7392 7
1973 JAN 22	VERTICAL RECONNAISSANCE	00918	52000	6.00in OR 152mm	COLOR	0%	20%	573000918 7791 7
1973 MAR 23	VERTICAL RECONNAISSANCE	00918	52000	6.00in OR 152mm	COLOR	0%	20%	573000918 7793 7
1973 APR 03	VERTICAL RECONNAISSANCE	00856	33000	1.97in OR 50mm	B&W	0%	50%	573000856 0061 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	127000	6.00in OR 152mm	COLOR	0%	100%	573001059 0504 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	127000	6.00in OR 152mm	COLOR	0%	20%	573001059 0351 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	127000	6.00in OR 152mm	COLOR	0%	90%	573001059 0376 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	128000	6.00in OR 152mm	COLOR	0%	100%	573001059 0490 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	129000	6.00in OR 152mm	COLOR	0%	100%	573001059 0502 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	130000	6.00in OR 152mm	COLOR	0%	100%	573001059 0360 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	132000	6.00in OR 152mm	COLOR	0%	100%	573001059 0505 0
1973 APR 04	VERTICAL RECONNAISSANCE	01059	132000	6.00in OR 152mm	COLOR	0%	60%	573001059 0506 0
1973 APR 04	VERTICAL RECONNAISSANCE	01059	133000	6.00in OR 152mm	COLOR	0%	100%	573001059 0368 0
1973 APR 04	VERTICAL RECONNAISSANCE	00995	130000	6.00in OR 152mm	COLOR	0%	20%	573000995 0082 0
1974 JAN 08	VERTICAL RECONNAISSANCE	00998	32000	1.97in OR 50mm	COLOR	0%	70%	573000998 0346 0
1974 JAN 08	VERTICAL RECONNAISSANCE	00998	33000	1.97in OR 50mm	COLOR	0%	50%	573000998 0349 0
1974 JAN 24	VERTICAL RECONNAISSANCE	01579	128000	6.00in OR 152mm	COLOR	0%	70%	574001579 0016 0
1974 JAN 24	VERTICAL RECONNAISSANCE	01579	130000	6.00in OR 152mm	COLOR	0%	30%	574001578 0013 0
1974 JAN 24	VERTICAL RECONNAISSANCE	01593	126000	1.97in OR 50mm	COLOR	0%	30%	574001593 5650 5
1974 FEB 05	VERTICAL RECONNAISSANCE	01593	128000	1.97in OR 50mm	COLOR	0%	100%	574001593 5681 5
1974 FEB 05	VERTICAL RECONNAISSANCE	01593	130000	1.97in OR 50mm	COLOR	0%	20%	574001593 5654 5
1974 MAR 04	VERTICAL RECONNAISSANCE	01138	62000	1.97in OR 50mm	COLOR	0%	20%	574001138 7263 7
1974 MAR 04	VERTICAL RECONNAISSANCE	01138	62000	1.97in OR 50mm	COLOR	0%	90%	574001138 7272 7
1974 MAR 04	VERTICAL RECONNAISSANCE	01138	64000	1.97in OR 50mm	COLOR	0%	70%	574001138 7275 7
1974 MAR 04	VERTICAL RECONNAISSANCE	01615	24000	1.97in OR 50mm	B&W	0%	30%	574001615 0030 0
1974 MAR 04	VERTICAL RECONNAISSANCE	01615	25000	1.97in OR 50mm	B&W	0%	20%	574001615 0026 0
1974 AUG 20	VERTICAL RECONNAISSANCE	01616	24000	1.97in OR 50mm	COLOR	0%	30%	574001616 0030 0
1975 MAR 21	VERTICAL RECONNAISSANCE	01616	25000	1.97in OR 50mm	COLOR	0%	20%	574001616 0026 0
1975 MAR 21	VERTICAL RECONNAISSANCE	01902	130000	6.00in OR 152mm	B&W IR	0%	100%	574001902 1432 1
1975 MAR 21	VERTICAL RECONNAISSANCE	02022	92000	1.97in OR 50mm	COLOR	10%	20%	575002022 3501 3
1975 MAR 21	VERTICAL RECONNAISSANCE	02022	92000	1.97in OR 50mm	COLOR	10%	20%	575002022 3503 3
1975 APR 29	VERTICAL RECONNAISSANCE	02022	92000	1.97in OR 50mm	COLOR	10%	20%	575002022 3504 3
1975 APR 29	VERTICAL RECONNAISSANCE	02022	93000	1.97in OR 50mm	COLOR	10%	40%	575002022 3492 3
1975 APR 29	VERTICAL RECONNAISSANCE	02068	129000	6.00in OR 152mm	COLOR	10%	100%	575002068 8139 8
1975 APR 29	VERTICAL RECONNAISSANCE	02068	130000	6.00in OR 152mm	COLOR	0%	20%	575002068 8131 8
1975 MAY 21	VERTICAL RECONNAISSANCE	02069	129000	6.00in OR 152mm	COLOR	10%	100%	575002069 2410 2
1975 MAY 21	VERTICAL RECONNAISSANCE	02069	130000	6.00in OR 152mm	COLOR	0%	20%	575002069 2402 2
1975 MAY 21	VERTICAL RECONNAISSANCE	02117	33000	1.97in OR 50mm	COLOR	0%	50%	575002117 0077 0
		02117	34000	1.97in OR 50mm	COLOR	0%	30%	575002117 0074 0
		02118	33000	1.97in OR 50mm	COLOR	0%	40%	575002118 0071 0

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ERIIS Report #92772A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1975 MAY 21	VERTICAL RECONNAISSANCE	02118	33000	1.97in OR 50mm	COLOR	0%	50%	575002118 0072 0
1975 MAY 21	VERTICAL RECONNAISSANCE	02118	34000	1.97in OR 50mm	COLOR	0%	30%	575002118 0068 0
1975 MAY 21	VERTICAL RECONNAISSANCE	02119	33000	1.97in OR 50mm	COLOR	0%	50%	575002119 0071 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02119	34000	1.97in OR 50mm	COLOR	0%	30%	575002119 0068 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02123	32000	1.97in OR 50mm	COLOR	0%	90%	575002123 0136 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02123	33000	1.97in OR 50mm	COLOR	0%	50%	575002123 0054 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02123	33000	1.97in OR 50mm	COLOR	0%	70%	575002123 0049 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02124	65000	12.00in OR	B&W IR	0%	40%	575002124 8209 8
1975 SEP 30	VERTICAL RECONNAISSANCE	02124	66000	12.00in OR	B&W IR	0%	50%	575002124 8257 8
1975 SEP 30	VERTICAL RECONNAISSANCE	02233	131000	1.97in OR 50mm	COLOR	10%	80%	575002233 2562 2
1975 SEP 30	VERTICAL RECONNAISSANCE	02233	131000	1.97in OR 50mm	COLOR	20%	100%	575002233 2563 2
1976 JAN 21	VERTICAL RECONNAISSANCE	02234	131000	1.97in OR 50mm	COLOR	10%	80%	575002234 3403 3
1976 MAR 25	VERTICAL RECONNAISSANCE	02234	131000	1.97in OR 50mm	COLOR	20%	100%	575002234 3404 3
1976 JUN 17	VERTICAL RECONNAISSANCE	02294	132000	1.97in OR 50mm	COLOR	0%	40%	576002294 4284 4
1976 JUN 17	VERTICAL RECONNAISSANCE	02306	102000	1.97in OR 50mm	COLOR	0%	30%	576002306 4333 4
1976 JUN 17	VERTICAL RECONNAISSANCE	02340	126000	1.97in OR 50mm	COLOR	0%	30%	576002340 4235 4
1976 JUN 17	VERTICAL RECONNAISSANCE	02340	129000	1.97in OR 50mm	COLOR	10%	80%	576002340 4243 4
1976 JUN 17	VERTICAL RECONNAISSANCE	02340	132000	1.97in OR 50mm	COLOR	20%	100%	576002340 4248 4
1976 JUN 17	VERTICAL RECONNAISSANCE	02341	126000	1.97in OR 50mm	COLOR	0%	30%	576002341 9812 9
1976 JUN 17	VERTICAL RECONNAISSANCE	02341	129000	1.97in OR 50mm	COLOR	10%	80%	576002341 9820 9
1977 JAN 28	VERTICAL RECONNAISSANCE	02341	132000	1.97in OR 50mm	COLOR	20%	100%	576002341 9825 9
1977 JAN 28	VERTICAL RECONNAISSANCE	02465	127000	1.97in OR 50mm	COLOR	10%	50%	577002465 0819 0
1977 FEB 14	VERTICAL RECONNAISSANCE	02465	129000	1.97in OR 50mm	COLOR	10%	60%	577002465 0822 0
1977 FEB 14	VERTICAL RECONNAISSANCE	02466	128000	1.97in OR 50mm	COLOR	0%	30%	577002466 0933 0
1977 FEB 14	VERTICAL RECONNAISSANCE	02466	128000	1.97in OR 50mm	COLOR	10%	50%	577002466 0939 0
1977 FEB 14	VERTICAL RECONNAISSANCE	02466	131000	1.97in OR 50mm	COLOR	0%	60%	577002466 0937 0
1977 JUL 07	VERTICAL RECONNAISSANCE	Y2466	126135	1.97in OR 50mm	COLOR	0%	60%	5CITY2466 0937 0
1977 JUL 07	VERTICAL RECONNAISSANCE	02516	125000	1.97in OR 50mm	B&W	10%	100%	577002516 6244 6
1979 JUN 14	VERTICAL RECONNAISSANCE	02516	126000	1.97in OR 50mm	B&W	0%	40%	577002516 6242 6
1979 JUN 14	VERTICAL RECONNAISSANCE	02770	131400	1.97in OR 50mm	COLOR	0%	100%	579002770 6616 6
1982 JAN 07	VERTICAL RECONNAISSANCE	02771	131400	1.97in OR 50mm	B&W	0%	100%	579002771 1195 1
1982 JAN 07	VERTICAL RECONNAISSANCE	03038	47666	12.00in OR	COLOR	0%	60%	582003038 0696 0
1982 JAN 07	VERTICAL RECONNAISSANCE	03038	48000	12.00in OR	COLOR	0%	20%	582003038 0681 0
1982 JAN 07	VERTICAL RECONNAISSANCE	03038	48166	12.00in OR	COLOR	0%	30%	582003038 0676 0
1982 JAN 07	VERTICAL RECONNAISSANCE	03038	48166	12.00in OR	COLOR	0%	50%	582003038 0690 0
1982 MAY 28	VERTICAL RECONNAISSANCE	03039	23750	1.97in OR 50mm	COLOR	0%	80%	582003039 0191 0
1982 MAY 28	VERTICAL RECONNAISSANCE	03073	24785	1.97in OR 50mm	COLOR	10%	20%	582003073 0042 0
1982 MAY 28	VERTICAL RECONNAISSANCE	03073	25428	1.97in OR 50mm	COLOR	0%	40%	582003073 0288 0
1982 OCT 01	VERTICAL RECONNAISSANCE	03073	25500	1.97in OR 50mm	COLOR	10%	80%	582003073 0280 0
1982 OCT 01	VERTICAL RECONNAISSANCE	03150	123000	1.97in OR 50mm	COLOR	0%	60%	582003150 5908 5
1983 JUL 08	VERTICAL RECONNAISSANCE	03150	124500	1.97in OR 50mm	COLOR	0%	30%	582003150 5908 5
1983 JUL 08	VERTICAL RECONNAISSANCE	03235	65375	12.00in OR	COLOR	0%	50%	583003235 5015 5
1984 APR 12	VERTICAL RECONNAISSANCE	03235	65700	12.00in OR	COLOR	10%	70%	583003235 5175 5
1984 APR 12	VERTICAL RECONNAISSANCE	03332	65052	12.00in OR	COLOR	0%	60%	584003332 5853 5
1985 APR 30	VERTICAL RECONNAISSANCE	03333	129500	1.97in OR 50mm	COLOR	0%	100%	584003333 3604 3
1985 APR 30	VERTICAL RECONNAISSANCE	03441	65307	12.00in OR	COLOR	0%	80%	585003441 9698 9
1985 AUG 28	VERTICAL RECONNAISSANCE	03441	65894	12.00in OR	COLOR	10%	50%	585003441 9814 9
1987 MAR 24	UNKNOWN	03484	134666	1.97in OR 50mm	B&W	40%	90%	585003484 1697 1
		03615	54000	12.00in OR	COLOR	0%	50%	587003615 0023 0

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1987 MAR 24	UNKNOWN	03615	66600	12.00in OR	COLOR	0%	30%	587003615 0027 0
1987 MAR 24	VERTICAL RECONNAISSANCE	03616	27000	1.97in OR 50mm	COLOR	0%	30%	587003616 0001 0
1987 MAR 24	VERTICAL RECONNAISSANCE	03616	33250	1.97in OR 50mm	COLOR	0%	50%	587003616 0005 0
1988 MAR 26	VERTICAL RECONNAISSANCE	03705	43000	12.00in OR	COLOR	0%	20%	588003705 1898 1
1988 AUG 17	VERTICAL RECONNAISSANCE	03797	64500	12.00in OR	COLOR	0%	20%	588003797 4272 4
1988 AUG 17	VERTICAL RECONNAISSANCE	03797	64500	12.00in OR	COLOR	20%	20%	588003797 4274 4
1988 AUG 17	VERTICAL RECONNAISSANCE	03797	64999	12.00in OR	COLOR	60%	30%	588003797 4278 4
1988 AUG 17	VERTICAL RECONNAISSANCE	03798	130000	1.97in OR 50mm	B&W	50%	100%	588003798 0451 0
1988 AUG 17	VERTICAL RECONNAISSANCE	03798	131500	1.97in OR 50mm	B&W	20%	90%	588003798 0447 0
1989 JUN 02	VERTICAL RECONNAISSANCE	03798	132000	1.97in OR 50mm	B&W	30%	70%	588003798 0449 0
1989 JUN 02	VERTICAL RECONNAISSANCE	03873	60000	12.00in OR	COLOR	20%	40%	589003873 1566 1
1989 OCT 06	VERTICAL RECONNAISSANCE	03873	60000	12.00in OR	COLOR	50%	60%	589003873 1564 1
1989 OCT 06	VERTICAL RECONNAISSANCE	03957	67000	12.00in OR	COLOR	0%	20%	589003957 4690 4
1989 OCT 06	VERTICAL RECONNAISSANCE	03957	67000	12.00in OR	COLOR	0%	20%	589003957 4721 4
1989 OCT 06	VERTICAL RECONNAISSANCE	03957	67000	12.00in OR	COLOR	20%	20%	589003957 4692 4
1989 OCT 06	VERTICAL RECONNAISSANCE	03957	68000	12.00in OR	COLOR	0%	100%	589003957 4750 4
1989 OCT 18	VERTICAL RECONNAISSANCE	03957	68000	12.00in OR	COLOR	0%	70%	589003957 4753 4
1989 OCT 18	VERTICAL RECONNAISSANCE	03965	63000	12.00in OR	COLOR	0%	40%	589003965 5263 5
1989 OCT 18	VERTICAL RECONNAISSANCE	03965	63000	12.00in OR	COLOR	0%	60%	589003965 5143 5
1989 OCT 18	VERTICAL RECONNAISSANCE	03965	63000	12.00in OR	COLOR	0%	80%	589003965 5269 5
1989 NOV 27	VERTICAL RECONNAISSANCE	03965	63000	12.00in OR	COLOR	0%	80%	589003965 5271 5
1989 NOV 27	VERTICAL RECONNAISSANCE	03974	65500	12.00in OR	B&W	0%	70%	589003974 3070 3
1990 JUL 23	VERTICAL RECONNAISSANCE	03974	66500	12.00in OR	B&W	0%	80%	589003974 3066 3
		04074	116000	1.97in OR 50mm	COLOR	30%	60%	590004074 2768 2

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DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1969 JUL 17	VERTICAL RECONNAISSANCE	1000	63536	12.00in OR	COLOR	0%	80%	61000003C 0184 0
1969 JUL 17	VERTICAL RECONNAISSANCE	1000	63864	12.00in OR	COLOR	0%	40%	61000003C 0198 0
1969 JUL 17	VERTICAL RECONNAISSANCE	1000	113754	6.00in OR 152mm	COLOR	0%	70%	61000002A 3428 3
1969 JUL 17	VERTICAL RECONNAISSANCE	1000	119654	6.00in OR 152mm	COLOR	0%	40%	61000002A 3330 3
1969 JUL 17	VERTICAL RECONNAISSANCE	1000	122710	6.00in OR 152mm	COLOR	0%	90%	61000002A 3375 3
1970 MAR 10	VERTICAL RECONNAISSANCE	1000	122858	6.00in OR 152mm	COLOR	0%	100%	61000002A 3370 3
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	51268	12.00in OR	COLOR	10%	20%	612300030 0012 0
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	53095	12.00in OR	COLOR	10%	90%	612300030 0049 0
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	53204	12.00in OR	COLOR	0%	80%	612300030 0006 0
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	55046	12.00in OR	COLOR	10%	70%	612300030 0069 0
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	96936	6.00in OR 152mm	COLOR	10%	40%	612300010 2167 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	97983	6.00in OR 152mm	COLOR	10%	50%	612300020 1804 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	98781	6.00in OR 152mm	COLOR	20%	100%	612300020 1683 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	99229	6.00in OR 152mm	COLOR	10%	100%	612300010 2095 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	99646	6.00in OR 152mm	COLOR	20%	100%	612300010 2053 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100108	6.00in OR 152mm	COLOR	20%	20%	612300020 1788 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100116	6.00in OR 152mm	COLOR	10%	70%	612300020 1685 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100177	6.00in OR 152mm	COLOR	10%	60%	612300010 2048 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100203	6.00in OR 152mm	COLOR	30%	60%	612300020 1792 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100321	6.00in OR 152mm	COLOR	10%	100%	612300010 2116 2

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1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100449	6.00in OR 152mm	COLOR	20%	100%	612300010 2046 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100568	6.00in OR 152mm	COLOR	10%	70%	612300010 2123 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	101073	6.00in OR 152mm	COLOR	10%	100%	612300020 1753 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	101100	6.00in OR 152mm	COLOR	10%	60%	612300010 2156 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	101104	6.00in OR 152mm	COLOR	20%	70%	612300010 2151 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	101267	6.00in OR 152mm	COLOR	10%	100%	612300020 1732 1
1970 MAY 15	VERTICAL RECONNAISSANCE	1230	103055	6.00in OR 152mm	COLOR	10%	60%	612300020 1791 1
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	49138	12.00in OR	COLOR	0%	30%	6128B0210 0272 0
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	50928	12.00in OR	COLOR	0%	50%	6128B0210 0296 0
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	99458	6.00in OR 152mm	COLOR	0%	100%	6128B0190 3683 3
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	100147	6.00in OR 152mm	B&W	0%	80%	6128B0200 3255 3
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	100830	6.00in OR 152mm	B&W	0%	80%	6128B0200 3269 3
1970 JUL 23	VERTICAL RECONNAISSANCE	128B	101093	6.00in OR 152mm	COLOR	0%	80%	6128B0190 3668 3
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	65366	12.00in OR	COLOR	0%	50%	613900030 0225 0
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	124291	6.00in OR 152mm	COLOR	0%	90%	613900010 5406 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	125618	6.00in OR 152mm	COLOR	0%	90%	613900110 5758 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	126551	6.00in OR 152mm	COLOR	0%	50%	613900010 5397 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	127300	6.00in OR 152mm	COLOR	30%	60%	613900110 5777 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	127674	6.00in OR 152mm	COLOR	0%	60%	613900110 5749 5
1971 MAR 31	VERTICAL RECONNAISSANCE	1390	129655	6.00in OR 152mm	COLOR	30%	60%	613900010 5425 5
1971 MAR 31	VERTICAL RECONNAISSANCE	1640	59713	12.00in OR	COLOR	0%	20%	616400030 0259 0
1971 MAR 31	VERTICAL RECONNAISSANCE	1640	60630	12.00in OR	COLOR	0%	70%	616400030 0272 0
1971 MAR 31	VERTICAL RECONNAISSANCE	1640	119920	6.00in OR 152mm	COLOR	0%	40%	616400110 3132 3
1971 MAR 31	VERTICAL RECONNAISSANCE	1640	120354	6.00in OR 152mm	COLOR	0%	40%	616400120 3374 3
1971 MAR 31	VERTICAL RECONNAISSANCE	1640	120426	6.00in OR 152mm	COLOR	0%	100%	616400120 3393 3
1971 JUN 02	VERTICAL RECONNAISSANCE	1640	120602	6.00in OR 152mm	COLOR	0%	100%	616400110 3151 3
1971 JUN 02	VERTICAL RECONNAISSANCE	1670	21762	6.00in OR 152mm	COLOR	0%	20%	616700010 1443 1
1971 JUN 02	VERTICAL RECONNAISSANCE	1670	21880	6.00in OR 152mm	COLOR	0%	30%	616700020 6559 6
1971 JUN 02	VERTICAL RECONNAISSANCE	1670	21964	6.00in OR 152mm	COLOR	0%	20%	616700010 1477 1
1971 JUN 02	VERTICAL RECONNAISSANCE	1670	22325	6.00in OR 152mm	COLOR	0%	30%	616700020 6523 6
1972 MAY 22	VERTICAL RECONNAISSANCE	1670	22538	6.00in OR 152mm	COLOR	0%	30%	616700010 1480 1
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46818	6.00in OR 152mm	COLOR	0%	30%	620200110 0138 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46530	6.00in OR 152mm	COLOR	0%	40%	620200100 0169 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46546	6.00in OR 152mm	COLOR	0%	20%	620200100 0092 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46556	6.00in OR 152mm	COLOR	0%	40%	620200110 0192 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46557	6.00in OR 152mm	COLOR	0%	50%	620200110 0096 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46574	6.00in OR 152mm	COLOR	0%	50%	620200100 0101 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46687	6.00in OR 152mm	COLOR	0%	50%	620200110 0114 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47015	6.00in OR 152mm	COLOR	0%	20%	620200110 0149 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47034	6.00in OR 152mm	COLOR	0%	50%	620200110 0169 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47034	6.00in OR 152mm	COLOR	0%	40%	620200100 0075 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47169	6.00in OR 152mm	COLOR	0%	50%	620200110 0072 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47191	6.00in OR 152mm	COLOR	0%	60%	620200100 0139 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47275	6.00in OR 152mm	COLOR	0%	30%	620200100 0204 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47299	6.00in OR 152mm	COLOR	0%	30%	620200130 0001 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47470	6.00in OR 152mm	COLOR	0%	50%	620200100 0121 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47524	6.00in OR 152mm	COLOR	0%	40%	620200120 0001 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47536	6.00in OR 152mm	COLOR	0%	30%	620200100 0199 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47785	6.00in OR 152mm	COLOR	0%	30%	620200100 0079 0

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
AERIAL PHOTOGRAPH SEARCH REPORT

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AIC at 1-800-945-9509 or fax this page to AIC at 512-478-5215.

ERIIS Report #92772A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	48460	6.00in OR 152mm	COLOR	0%	30%	620200110 0078 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	48598	6.00in OR 152mm	COLOR	0%	30%	620200100 0176 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	50512	6.00in OR 152mm	COLOR	20%	20%	621200130 0189 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	50966	6.00in OR 152mm	COLOR	20%	20%	621200120 0156 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	50988	6.00in OR 152mm	COLOR	0%	20%	621200130 0216 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	50999	6.00in OR 152mm	COLOR	20%	20%	621200130 0220 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51036	6.00in OR 152mm	COLOR	0%	50%	621200130 0156 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51484	6.00in OR 152mm	COLOR	20%	20%	621200120 0187 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51636	6.00in OR 152mm	COLOR	0%	40%	621200120 0138 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51682	6.00in OR 152mm	COLOR	0%	20%	621200120 0181 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51750	6.00in OR 152mm	COLOR	0%	50%	621200120 0117 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51777	6.00in OR 152mm	COLOR	0%	30%	621200140 0018 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51863	6.00in OR 152mm	COLOR	10%	20%	621200130 0205 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51930	6.00in OR 152mm	COLOR	0%	20%	621200130 0186 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52015	6.00in OR 152mm	COLOR	0%	50%	621200120 0168 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52249	6.00in OR 152mm	COLOR	0%	40%	621200150 0024 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52312	6.00in OR 152mm	COLOR	0%	40%	621200130 0171 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52348	6.00in OR 152mm	COLOR	0%	20%	621200120 0153 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52362	6.00in OR 152mm	COLOR	20%	30%	621200120 0219 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52381	6.00in OR 152mm	COLOR	0%	30%	621200130 0201 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52421	6.00in OR 152mm	COLOR	0%	40%	621200140 0054 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52734	6.00in OR 152mm	COLOR	0%	40%	621200140 0001 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2120	53088	6.00in OR 152mm	COLOR	0%	30%	621200120 0199 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	50102	6.00in OR 152mm	COLOR	0%	70%	622600550 0101 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	50183	6.00in OR 152mm	COLOR	0%	50%	622600550 0092 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	50209	6.00in OR 152mm	COLOR	0%	50%	622600540 0092 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	50803	6.00in OR 152mm	COLOR	0%	70%	622600540 0193 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	50812	6.00in OR 152mm	COLOR	0%	90%	622600540 0101 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	51338	6.00in OR 152mm	COLOR	0%	60%	622600540 0122 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	51830	6.00in OR 152mm	COLOR	0%	50%	622600540 0131 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	51834	6.00in OR 152mm	COLOR	0%	50%	622600550 0131 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52057	6.00in OR 152mm	COLOR	0%	60%	622600550 0161 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52180	6.00in OR 152mm	COLOR	0%	60%	622600540 0151 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52195	6.00in OR 152mm	COLOR	0%	50%	622600550 0122 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52253	6.00in OR 152mm	COLOR	0%	70%	622600550 0185 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52282	6.00in OR 152mm	COLOR	0%	60%	622600550 0151 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52536	6.00in OR 152mm	COLOR	0%	70%	622600540 0185 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52940	6.00in OR 152mm	COLOR	0%	60%	622600540 0161 0
1973 JAN 26	VERTICAL RECONNAISSANCE	2260	53128	6.00in OR 152mm	COLOR	0%	80%	622600550 0193 0
1973 JAN 26	VERTICAL RECONNAISSANCE	2260	45054	6.00in OR 152mm	COLOR	0%	50%	622600780 0193 0
1973 MAY 25	VERTICAL RECONNAISSANCE	2260	46365	6.00in OR 152mm	COLOR	0%	50%	622600770 0194 0
1973 MAY 25	VERTICAL RECONNAISSANCE	2350	33822	6.00in OR 152mm	COLOR	0%	30%	623500280 0044 0
1973 SEP 11	VERTICAL RECONNAISSANCE	2350	33873	6.00in OR 152mm	COLOR	0%	30%	623500280 0044 0
1973 SEP 11	VERTICAL RECONNAISSANCE	2530	12100	6.00in OR 152mm	COLOR	0%	20%	625300880 0137 0
1973 SEP 11	VERTICAL RECONNAISSANCE	2530	12265	6.00in OR 152mm	COLOR	0%	20%	625300850 0140 0
1973 SEP 11	VERTICAL RECONNAISSANCE	2530	12297	6.00in OR 152mm	COLOR	0%	40%	625300880 0174 0
1974 FEB 01	VERTICAL RECONNAISSANCE	2530	12314	6.00in OR 152mm	COLOR	0%	30%	625300870 0174 0
1974 APR 19	VERTICAL RECONNAISSANCE	2590	11529	6.00in OR 152mm	COLOR	0%	20%	625901130 0112 0
		2680	12511	6.00in OR 152mm	COLOR	0%	20%	626800360 0186 0

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
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ERIIS Report #92772A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS
1974 APR 19	VERTICAL RECONNAISSANCE
1974 APR 20	VERTICAL RECONNAISSANCE
1974 APR 20	VERTICAL RECONNAISSANCE
1974 SEP 05	VERTICAL RECONNAISSANCE
1974 SEP 05	VERTICAL RECONNAISSANCE

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
2680	12580	6.00in OR 152mm	COLOR	0%	20%	626800370 0181 0
2680	12479	6.00in OR 152mm	COLOR	0%	30%	626800390 0081 0
2680	12585	6.00in OR 152mm	COLOR	0%	30%	626800400 0081 0
2800	13000	6.00in OR 152mm	COLOR	0%	30%	628000440 0156 0
2800	13000	6.00in OR 152mm	COLOR	0%	30%	628000430 0156 0

FAIRCHILD NATIONAL INC | 413 AZALEA WAY | AL | 35215 | (205) 853-3641

DATE OF COVERAGE	SENSOR CLASS
1978 MAY 00	VERTICAL RECONNAISSANCE

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
ALAM78	27600	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO

CALIFORNIA DEPT OF WATER RESOURCES | P O BOX 942836 1416 NINTH ST RM 150 | CA | 94236-0001 | (916) 653-2698

DATE OF COVERAGE	SENSOR CLASS
1977 FEB	VERTICAL CARTO (IMPLIES STEREO)
1986 FEB 24	VERTICAL CARTO (IMPLIES STEREO)
1986 FEB 24	VERTICAL CARTO (IMPLIES STEREO)
1986 FEB 24	VERTICAL CARTO (IMPLIES STEREO)
1981 AUG	VERTICAL CARTO (IMPLIES STEREO)
1982 JAN 07	VERTICAL CARTO (IMPLIES STEREO)
1982 JAN 07	VERTICAL CARTO (IMPLIES STEREO)

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
SEC 0	12000	6.00in OR 152mm	COLOR	0%	40%	SFO BAY 120F27
NASAU2	32000	24.00in OR	COLOR	10%	70%	NO CA 1986 FLOOD
NASAU2	32000	24.00in OR	COLOR	10%	70%	NO CA 1986 FLOOD
NASAU2	32000	24.00in OR	B&W	10%	70%	NO CA 1986 FLOOD
CDFDWR	24000	6.00in OR 152mm	B&W	0%	90%	
INDEX	24000	24.00in OR	COLOR	0%	70%	NORTH BAY AREA
INDEX	24000	24.00in OR	COLOR	0%	70%	NORTH BAY AREA

CALIFORNIA DEPT OF TRANSPORTATION DIV OF HIGHWAYS | GEOMETRONICS BRANCH 1120 N ST RM 5450 | CA | 95814 | (916) 654-4614

DATE OF COVERAGE	SENSOR CLASS
1985 JUN	VERTICAL CARTO (IMPLIES STEREO)
1984 MAY	VERTICAL CARTO (IMPLIES STEREO)
1981 FEB	VERTICAL CARTO (IMPLIES STEREO)
1981 MAR	VERTICAL CARTO (IMPLIES STEREO)
1981 SEP	VERTICAL CARTO (IMPLIES STEREO)
1981 SEP	VERTICAL CARTO (IMPLIES STEREO)

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
65-130	12000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO
840854	2400	24.00in OR	B&W	0%	20%	HWY-80 ALA CO.
7-6	3000	6.00in OR 152mm	B&W	0%	20%	RTE 580-ALA CO
4-3/2	2400	24.00in OR	B&W	0%	20%	RTE 13-ALA CO
78-2	24000	6.00in OR 152mm	B&W	0%	80%	SF BY VAR CO
78-3	24000	6.00in OR 152mm	B&W	0%	20%	SF BY VAR CO

PACIFIC AERIAL SURVEYS | 8407 EDGEWATER DR | CA | 94621 | (510) 632-2020

DATE OF COVERAGE	SENSOR CLASS
1957	VERTICAL CARTO (IMPLIES STEREO)
1984 OCT 15	OBLIQUE
1985 JUL	VERTICAL CARTO (IMPLIES STEREO)
1988 MAY	VERTICAL CARTO (IMPLIES STEREO)
1990 APR	VERTICAL CARTO (IMPLIES STEREO)
1990 JUN	VERTICAL CARTO (IMPLIES STEREO)
1977 JUN	VERTICAL CARTO (IMPLIES STEREO)
1983 JUN	VERTICAL CARTO (IMPLIES STEREO)
1985 MAY	VERTICAL CARTO (IMPLIES STEREO)
1987 JUL 07	VERTICAL CARTO (IMPLIES STEREO)

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
AV253	0012000	8.25in OR 210mm	B&W	0%	90%	ALAMEDA CO.
C19A36	7500	8.25in OR 210mm	COLOR	0%	90%	OAKLAND-ALA. CO.
AV2655	36000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO.
AV3292	0036000	8.25in OR 210mm	B&W	0%	90%	ALAMEDA CO.
AV3817	0036000	8.25in OR 210mm	B&W	0%	90%	ALAMEDA CO.
AV3845	0012000	8.25in OR 210mm	B&W	0%	90%	ALAMEDA CO.
AV1377	12000	8.25in OR 210mm	B&W	0%	100%	AVBLE SINCE 1963
AV2300	12000	8.25in OR 210mm	B&W	0%	80%	EAST BAY AREA
AV2640	12000	8.25in OR 210mm	B&W	0%	80%	EAST BAY AREA
HAP	63360	3.46in OR 88mm	B&W	0%	50%	SFO BAY AREA

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ERIIS Report #92772A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1947	VERTICAL CARTO (IMPLIES STEREO)	AV--11	0019992	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1949	VERTICAL CARTO (IMPLIES STEREO)	AV--28	0007200	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1953	VERTICAL CARTO (IMPLIES STEREO)	AV-119	0009960	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1959	VERTICAL CARTO (IMPLIES STEREO)	AV-337	0009600	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1969	VERTICAL CARTO (IMPLIES STEREO)	AV-902	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1971 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV-995	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1973 APR	VERTICAL CARTO (IMPLIES STEREO)	AV1100	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1975 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV1193	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1977 JUL	VERTICAL CARTO (IMPLIES STEREO)	AV1377	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1979 SEP	VERTICAL CARTO (IMPLIES STEREO)	AV1750	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1981 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV2040	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1983 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV2300	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1985 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV2640	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1988 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV3268	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1968 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV-847	24000	6.00in OR 152mm	B&W	0%	20%	SF L TIDE STRIPS
1963 JUL	VERTICAL CARTO (IMPLIES STEREO)	AV-550	0036000	8.25in OR 210mm	B&W	0%	100%	SAN FRANCISCO CO
1966 APR	VERTICAL CARTO (IMPLIES STEREO)	AV-710	0036000	8.25in OR 210mm	B&W	0%	100%	SAN FRANCISCO CO
1968 APR	VERTICAL CARTO (IMPLIES STEREO)	AV-844	0024000	8.25in OR 210mm	B&W	0%	100%	SAN FRANCISCO CO
1963 JUL	VERTICAL CARTO (IMPLIES STEREO)	AV-550	0036000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1966 APR	VERTICAL CARTO (IMPLIES STEREO)	AV-710	0036000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1968 APR	VERTICAL CARTO (IMPLIES STEREO)	AV-844	0024000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1985 APR	VERTICAL CARTO (IMPLIES STEREO)	AV2600	63360	3.46in OR 88mm	B&W	0%	100%	GREATER BAY AREA
1970 SEP	VERTICAL CARTO (IMPLIES STEREO)	AV965	54000	8.25in OR 210mm	B&W	0%	100%	GREATER BAY AREA
1975 DEC	VERTICAL CARTO (IMPLIES STEREO)	AV1215	54000	8.25in OR 210mm	B&W	0%	100%	GREATER BAY AREA
1979 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV1700	54000	8.25in OR 210mm	B&W	0%	100%	GREATER BAY AREA
1981 NOV	VERTICAL CARTO (IMPLIES STEREO)	AV2050	54000	8.25in OR 210mm	B&W	0%	100%	GREATER BAY AREA
1976 JAN	VERTICAL CARTO (IMPLIES STEREO)	AVI215	54000	6.00in OR 152mm	B&W IR	0%	30%	AVBLE SINCE 1963
1976 JAN	VERTICAL CARTO (IMPLIES STEREO)	AVI215	54000	6.00in OR 152mm	B&W IR	0%	80%	AVBLE SINCE 1963
1981 SEP 01	VERTICAL CARTO (IMPLIES STEREO)	AV2050	54000	6.00in OR 152mm	B&W	0%	100%	HEALD-SAC-WATSON
1984 OCT 15	OBLIQUE	ALAC19	4700	8.25in OR 210mm	COLOR	0%	30%	OAKLAND E-TO W.
1989 OCT 18	VERTICAL CARTO (IMPLIES STEREO)	AV3661	0012000	8.25in OR 210mm	B&W	0%	80%	CYPRESS FREEWAY
1989 OCT 26	VERTICAL CARTO (IMPLIES STEREO)	AV3671	0024000	6.00in OR 152mm	B&W	0%	80%	CYPRESS FREEWAY
1989 OCT 26	OBLIQUE	AV3671	0024000	8.25in OR 210mm	B&W	0%	80%	CYPRESS OBLIQUES

RADMAN AERIAL SURVEYS | 6220 24TH ST | CA | 95822 | (916) 391-1651

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1972 MAY 23	VERTICAL CARTO (IMPLIES STEREO)	2705	12000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO

AERO PHOTOGRAPHERS INC | INDUSTIAL CNTR BLDG RM 259 P O BOX 397 | CA | 94965 | (415) 332-1104

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1980 MAY	OBLIQUE	AC20	3000	8.25in OR 210mm	COLOR	0%	40%	TWN PKS-OAKLND-E

NOT REORTED

( ) -

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
AERIAL PHOTOGRAPH SEARCH REPORT

The following sources have reported aerial photo coverage for the subject site USGS topoquad. For site-specific photo availablity and ordering, please call the individual source agency or call AIC at 1-800-945-9509 or fax this page to AIC at 512-478-5215.

VENDOR NAME	STREET	STATE	ZIP	PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1984 MAR 22	VERTICAL CARTO (IMPLIES STEREO)	842516	36000	6.00in OR 152mm	B&W	0%	100%	EAST BAY AREA

AIR FLIGHT SERVICE	2220 CALLE DE LUNA	CA	95054	(408) 988-0107

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1967 MAR 07	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO.
1968 AUG 06	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO.
1969 JUL 31	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO.
1971 OCT 21	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO.
1974 AUG 08	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO.
1976 MAR 12	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO.
1978 MAY 27	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO.
1969 OCT 11	VERTICAL RECONNAISSANCE	SFBCDC	30000	6.00in OR 152mm	B&W	0%	30%	SF BAY SHORELINE

WHITTIER COLLEGE DEPT OF GEOLOGY	13406 EAST PHILADELPHIA ST	CA	90608	(310) 907-4220

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1964	VERTICAL CARTO (IMPLIES STEREO)	C24868	92000	3.46in OR 88mm	B&W	0%	90%	ALAMEDA
1964	VERTICAL CARTO (IMPLIES STEREO)	C24868	96000	3.46in OR 88mm	B&W	0%	90%	ALAMEDA
1964 NOV	VERTICAL CARTO (IMPLIES STEREO)	C24868	90000	3.46in OR 88mm	B&W	0%	90%	ALAMEDA
1931 MAY 27	VERTICAL CARTO (IMPLIES STEREO)	C1600	9600	12.00in OR	B&W	0%	30%	
1947 JUN 09	VERTICAL CARTO (IMPLIES STEREO)	C11476	14400	8.25in OR 210mm	B&W	0%	40%	

SYMONS PHOTOGRAPHY	2564 TASSAJARA AVE	CA	94530	(510) 233-1656

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1980 JUL	OBLIQUE	MARINA	8000	3.00in OR 76mm	B&W	0%	30%	BERKELEY MARINA

UNIV OF CALIFORNIA, SANTA BARBARA	MAP AND IMAGERY LABORATORY LIBRARY	CA	93106	(805) 893-4049

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1947	VERTICAL CARTO (IMPLIES STEREO)	C11940	14400	8.25in OR 210mm	B&W	0%	40%	
1951 SEP	VERTICAL CARTO (IMPLIES STEREO)	C16825	63360	8.25in OR 210mm	B&W	0%	30%	

SKYWEST PHOTOGRAPHY	P O BOX 2122	CA	94526	(510) 732-1447

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1988 MAR	OBLIQUE	SKYW88	56000	OTHER	COLOR	0%	30%	OAKLAND

FITHIAN'S AERIAL PHOTOGRAPHY	8700 AUGUSTA CT	CA	94568-1063	(510) 829-7830

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1988 FEB	OBLIQUE	ALA-88	2250	1.97in OR 50mm	COLOR	0%	20%	ALAMEDA

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VENDOR NAME	STREET	STATE	ZIP	PHONE
HERRINGTON-OLSON PHOTOGRAPHY INC	769 22ND ST	CA	94612	(510) 452-0501

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1993 JUN	OBLIQUE	HOP-93	0005500	1.97in OR 50mm	COLOR	0%	20%	OAKLAND & PORT

NOT REORTED

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DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1985 SEP	VERTICAL CARTO (IMPLIES STEREO)	EBAY85	50000	6.00in OR 152mm	B&W	0%	80%	EAST BAY AREA

VENDOR NAME	STREET	STATE	ZIP	PHONE
WAC CORP	520 CONGER ST	OR	97402-2795	(503) 342-5169

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1984 MAY 31	VERTICAL CARTO (IMPLIES STEREO)	WAC84C	31680	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO
1988	VERTICAL CARTO (IMPLIES STEREO)	WAC-88	0031680	6.00in OR 152mm	B&W	0%	90%	ALAMEDA CO.
1989 NOV	VERTICAL CARTO (IMPLIES STEREO)	WAC-89	0015840	8.25in OR 210mm	COLOR	0%	20%	ALAMEDA
1989 NOV	VERTICAL CARTO (IMPLIES STEREO)	WAC-89	0015840	8.25in OR 210mm	COLOR	0%	20%	EMERYVILLE
1989 NOV	VERTICAL CARTO (IMPLIES STEREO)	WAC-89	0015840	8.25in OR 210mm	COLOR	0%	20%	OAKLAND
1989 NOV 09	VERTICAL CARTO (IMPLIES STEREO)	SFO89	0015840	8.25in OR 210mm	COLOR	0%	100%	SF89 EARTHQUAKE
1989 NOV 09	VERTICAL CARTO (IMPLIES STEREO)	SFO89	0015840	8.25in OR 210mm	COLOR	0%	100%	SF89 EARTHQUAKE

EPA HAZARDOUS WASTE NUMBERS -- HAZARDOUS WASTE DESCRIPTION

D001 -- A solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste in Subpart D.

D002 -- A solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste in Subpart D.

D003 -- A solid waste that exhibits the characteristic of reactivity, but is not listed as a hazardous waste in Subpart D.

EPA HW #	CAS #	COMMON CHEMICAL NAME
D004	7740-38-2	ARSENIC
D005	7740-39-3	BARIUM
D006	7440-43-9	CADMIUM
D007	7440-47-3	CHROMIUM
D008	7439-92-1	LEAD
D009	7439-97-6	MERCURY
D010	7782-49-2	SELENIUM
D011	7440-22-4	SILVER
D012	72-20-8	ENDRIN
D013	58-89-9	LINDANE
D014	72-43-5	METHOXYCHLOR
D015	8001-35-2	TOXAPHENE
D016	94-75-7	2,4-D
D017	93-72-1	2,4,5-TP(SILVEX)
D018	71-39-2	BENZENE
D019	56-23-5	CARBON TETRACHLORIDE
D020	57-74-9	CHLORDANE
D021	108-90-7	CHLOROBENZENE
D022	67-66-3	CHLOROFORM
D023	95-48-7	O-CRESOL
D024	108-39-4	M-CRESOL
D025	106-44-5	P-CRESOL
D026		CRESOL
D027	106-46-7	1,4-DICHLOROBENZENE
D028	107-06-2	1,2-DICHLOROETHANE
D029	75-35-4	1,1-DICHLOROETHYLENE
D030	121-14-2	2,4-DINITROTOLUENE
D031	76-44-8	HEPTACHLOR (AND ITS EPOXIDE)
D032	118-74-1	HEXACHLOROBENZENE
D033	87-68-3	HEXACHLOROBUTADIENE
D034	67-72-1	HEXACHLOROETHANE
D035	78-93-3	METHYL ETHYL KETONE
D036	98-95-3	NITROBENZENE
D037	87-86-5	PENTACHLOROPHENOL
D038	110-86-1	PYRIDINE
D039	127-18-4	TETRACHLOROETHYLENE
D040	79-01-6	TRICHLOROETHYLENE
D041	95-95-4	2,4,5-TRICHLOROPHENOL
D042	88-06-2	2,4,6-TRICHLOROPHENOL
D043	75-01-4	VINYL CHLORIDE

EPA HAZARDOUS WASTE NUMBERS -- HAZARDOUS WASTE DESCRIPTION

F001 -- The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F002 -- The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F003 -- The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F004 -- The following spent non-halogenated solvents: Cresols and cresylic acid, and nitrobenzene: all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogentaed solvents or those solvents listed in FOO1, FOO2, and FOO5; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F005 -- The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in FOO1, F002, or FOO4; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F006 -- Wastewater treatment sludges from electroplating operations except from the following processes: (1) Sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.

F007 -- Spent cyanide plating bath solutions from electroplating operations.

F008 -- Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.

EPA HAZARDOUS WASTE NUMBERS -- HAZARDOUS WASTE DESCRIPTION

F009 -- Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.

F010 -- Quenching bath residue from oil baths from metal heat treating operations where cyanides are used in the process.

F011 -- Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations.

F012 -- Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process.

F019 -- Wastewater treatment sludges from the chemical conversion coating of aluminum.

F020 -- Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)

F021 -- Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives.

F022 -- Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.

F023 -- Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5- trichlorophenol.)

F024 -- Wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes from the production of chlorinated aliphatic hydrocarbons, having carbon content from one to five, utilizing free radical catalyzed processes. (This listing does not include light ends, spent filters and filter aids, spent dessicants, wastewater, wastewater treatment sludges, spend catalysts, and wastes listed in §261.32.)

F026 -- Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.

F027 -- Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)

EPA HAZARDOUS WASTE NUMBERS -- HAZARDOUS WASTE DESCRIPTION

F028 -- Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027.

K001 -- Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.

K002 -- Wastewater treatment sludge from the production of chrome yellow and orange pigments.

K003 -- Wastewater treatment sludge from the production of molybdate orange pigments.

K004 -- Wastewater treatment sludge from the production of zinc yellow pigments.

K005 -- Wastewater treatment sludge from the production of chrome green pigments.

K006 -- Wastewater treatment sludge from the production of chrome oxide greenpigments (anhydrous and hydrated).

K007 -- Wastewater treatment sludge from the production of iron blue pigments.

K008 -- Oven residue from the production of chrome oxide green pigments.

K009 -- Distillation bottoms from the production of acetaldehyde from ethylene.

K010 -- Distillation side cuts from the production of acetaldehyde from ethylene.

K011 -- Bottom stream from the wastewater stripper in the production of acrylonitrile.

K013 -- Bottom stream from the acetonitrile column in the production of acrylonitrile.

K014 -- Bottoms from the acetonitrile purification column in the production of acrylonitrile.

K015 -- Still bottoms from the distillation of benzyl chloride.

K016 -- Heavy ends or distillation residues from the production of carbon tetrachloride.

K017 -- Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.

K018 -- Heavy ends from the fractionation columnn in ethyl chloride production.

K019 -- Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.

K020 -- Heavy ends from the distillation of vinly chloride in vinly chloride monomer production.

K021 -- Aqueous spend antimony catalyst waste from fluoromethane production.

K022 -- Distillation bottom tars from the production of phenol/acetone from cumene.

K023 -- Distillation light ends from the production of phthalic anhydride from naphthalene.

EPA HAZARDOUS WASTE NUMBERS -- HAZARDOUS WASTE DESCRIPTION

K024 -- Distillation bottoms from the production of phthalic anhydride from naphthalene.

K025 -- Distillation bottoms from the production of nitrobenxene by the nitration of benzene.

K026 -- Stripping still tails from the production of methyl ethyl pyridines.

K027 -- Centrifuge and distillation residues from toluene diisocyanate production.

K028 -- Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.

K029 -- Wastes from the product steam stripper in the production of 1,1,1-trichloroethane.

K030 -- Column bottoms or heavy ends from the combined production of trichloroethtlene and perchloroethtlene.

K031 -- By-product salts generated in the production of MSMA and cacodylic acid.

K032 -- Wastewater treatment sludge from the production of chlordane.

K033 -- Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.

K034 -- Filter solids from the filtration of hexachlorocyclopentadiene in the prodution of chlordane.

K035 -- Wastewater treatment sludges generated in the production of creosote.

K036 -- Still bottoms from toluene reclamation distillation in the production of disulfoton.

K037 -- Wastewater treatment sludges from the production of disulfoton,

K038 -- Wastewater from the washing and stripping of phorate production.

K039 -- Filter cake from the filtration of diethylphosphorodithioic acid in the productionof phorate.

K040 -- Wastewater treatment sludge from the production of phorate.

K041 -- Wastewater treatment sludge from the production of toxaphene.

K071 -- Brine purification muds from the mercury cell process in chlorine production, where separatelty prepurified brine is not used.

K073 -- Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.

K083 -- Distillation bottoms from aniline production.

EPA HAZARDOUS WASTE NUMBERS -- HAZARDOUS WASTE DESCRIPTION

K085 -- Distillation or fractionation column bottoms from the production of chlorobenzenes.

K093 -- Distillation light ends from the production of phthalic anhydride from ortho-xylene.

K095 -- Distillation bottoms from the production of 1,1,1-trichloroethane.

K096 -- Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.

K097 -- Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.

K098 -- Untreated process wastewater from the production of toxaphene.

K103 -- Process residues from aniline extraction from the production of aniline.

K104 -- Combined wastewater streams generated from nitrobenzene/aniline production,

K105 -- Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.

K106 - Wastewater treatment sludge from the mercury cell process in chlorine production.

K111 - Product washwaters from the production of dinitrotoluene via nitration of toluene.

K112 -- Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.

K113 -- Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.

K114 -- Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.

K115 -- Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.

K116 -- Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.

K117 -- Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.

K118 -- Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.

K136 -- Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.

EPA HAZARDOUS WASTE NUMBERS -- COMMON CHEMICAL NAME

EPA HW #	CAS #	COMMON CHEMICAL NAME
F027	88-06-2	2,4,6-TRICHLOROPHENOL
F027	58-90-2	2,3,4,6-TETRACHLOROPHENOL
F027	95-95-4	2,4,5-TRICHLOROPHENOL
F027	87-86-5	PENTACHLOROPHENOL
F027	93-76-5	2,4,5-TRICHLOROPHENOXYACETIC ACID
F027	93-72-1	SILVEX
P002	591-08-28	1-ACETYL-2-THIOUREA
P003	107-02-88	ACROLEIN
P001	81-81-2	WARFARIN
P004	309-00-28	ALDRIN
P005	107-18-68	ALLYL ALCOHOL
P006	20859-73-8	ALUMINUM PHOSPHIDE
P007	2763-96-4	MUSCIMOL
P008	504-24-58	PYRIDINE, 4-AMINO
P010	7778-39-4	ARSENIC ACID
P011	1303-28-2	ARSENIC PENTOXIDE, SOLID
P012	1327-53-3	ARSENIC TRIOXIDE, SOLID
P013	542-62-18	BARIUM CYANIDE, SOLID
P014	108-98-58	PHENYL MERCAPTAN
P015	7440-41-7	BERYLLIUM
P016	542-88-18	BIS(CHLOROMETHYL)ETHER
P017	598-31-28	BROMOACETONE
P018	357-57-38	BRUCINE
P020	88-85-7	DINOSEB
P021	592-01-88	CALCIUM CYANIDE, SOLID
P022	75-15-0	CARBON DISULFIDE
P023	107-20-08	CHLOROACETALDEHYDE
P024	106-47-88	P-CHLOROANILINE
P026	5344-82-1	1-(0-CHLOROPHENYL) THIOUREA
P027	542-76-78	3-CHLOROPROPIONITRILE
P028	100-44-78	BENZYL CHLORIDE
P029	544-92-38	CUPROUS CYANIDE
P030	57-12-5	CYANIDES (SOLUBLE SALTS AND COMPLEXES)
P031	460-19-58	CYANOGEN
P033	506-77-48	CYANOGEN CHLORIDE, INHIBITED
P034	131-89-58	4,6-DINITRO-0-CYCLOHEXYLPHENOL
P036	696-28-68	DICHLOROPHENYLARSINE
P037	60-57-1	DIELDRIN
P038	692-42-28	DIETHYLARSINE
P039	298-04-48	DISULFOTON
P040	297-97-28	THIONAZIN
P041	311-45-58	DIETHYL P-NITROPHENYL PHOSPHATE
P042	51-43-4	EPINEPHRINE
P043	55-91-4	ISOFLUROPHATE
P044	60-51-5	DIMETHOATE
P045	39196-18-4	THIOFANOX
P046	122-09-88	ALPHA, ALPHA-DIMETHYLPHENETHYLAMINE
P047	534-52-18	DINITRO-ORTHO-CRESOL

EPA HAZARDOUS WASTE NUMBERS -- COMMON CHEMICAL NAME

EPA HW #	CAS #	COMMON CHEMICAL NAME
P048	51-28-5	2,4-DINITROPHENOL
P049	541-53-78	2,4-DITHIOBIURET
P050	115-29-78	ENDOSULFAN
P051	72-20-8	ENDRIN
P054	151-56-48	ETHYLENEIMINE
P056	7782-41-4	FLUORINE
P057	640-19-78	FLUORACETAMIDE
P058	62-74-8	SODIUM FLUOROACETATE
P059	76-44-8	HEPTACHLOR
P060	465-73-68	ISODRIN
P062	757-58-48	HEXAETHYL TETRAPHOSPHATE
P063	74-90-8	HYDROGEN CYANIDE, ANHYDROUS, STABILIZED
P064	624-83-98	METHYL ISOCYANATE
P065	628-86-48	MERCURY FULMINATE
P066	16752-77-5	METHOMYL
P067	75-55-8	PROPYLENE IMINE
P068	60-34-4	METHYL HYDRAZINE
P069	75-86-5	ACETONE CYANOHYDRIN
P071	298-00-08	METHYL PARATHION
P072	86-88-4	THIOUREA, 1-NAPHTHALENYL-(ANTU)
P073	13463-39-3	NICKEL CARBONYL
P074	557-19-78	NICKEL CYANIDE
P075	54-11-5	NICOTINE
P076	10102-43-9	NITRIC OXIDE
P077	100-01-68	P-NITROANILINE
P078	10102-44-0	NITROGEN DIOXIDE
P081	55-63-0	NITROGLYCERIN
P082	62-75-9	N-NITROSODIMETHYLAMINE
P084	4549-40-0	N-NITROSOMETHYLVINYLAMINE
P085	152-16-98	SCHRADAN
P087	20816-12-0	OSMIUM TETROXIDE
P088	145-73-38	ENDOTHAL
P089	56-38-2	PARATHION
P092	62-38-4	PHENYLMERCURIC ACETATE
P093	103-85-58	PHENYLTHIOUREA
P094	298-02-28	PHORATE
P095	75-44-5	PHOSGENE
P096	7803-51-2	PHOSPHINE
P097	52-85-7	FAMPHUR
P098	151-50-88	POTASSIUM CYANIDE
P099	506-61-68	POTASSIUM SILVER CYANIDE
P100	107-12-08	ETHYL CYANIDE
P101	107-12-08	PROPIONITRILE
P102	107-19-78	PROPARGYL ALCOHOL
P103	630-10-48	SELENOUREA
P104	506-64-98	SILVER CYANIDE
P105	26628-22-8	SODIUM AZIDE (NA(N3))

EPA HAZARDOUS WASTE NUMBERS -- COMMON CHEMICAL NAME

EPA HW #	CAS #	COMMON CHEMICAL NAME
P106	143-33-98	SODIUM CYANIDE (NA(CN))
P108	57-24-9	STRYCHNINE
P109	3689-24-5	SULFOTEP
P110	78-00-2	TETRAETHYL LEAD
P111	107-49-38	TETRAETHYL PYROPHOSPHATE
P112	509-14-88	TETRANITROMETHANE
P113	1314-32-5	THALLIC OXIDE
P114	12039-52-0	SELENIOUS ACID, DITHALLIUM(1 +) SALT
P115	7446-18-6	THALLOUS SULFATE
P116	79-19-6	THIOSEMICARBAZIDE
P119	7803-55-6	AMMONIUM METAVANADATE
P120	1314-62-1	VANADIUM PENTOXIDE
P121	557-21-18	ZINC CYANIDE
P122	1314-84-7	ZINC PHOSPHIDE
P123	8001-35-2	TOXAPHENE
U001	75-07-0	ACETALDEHYDE
U002	67-64-1	ACETONE
U003	75-05-8	ACETONITRILE
U004	98-86-2	ACETOPHENONE
U005	53-96-3	2-ACETYLAMINOFLUORENE
U006	75-36-5	ACETYL CHLORIDE
U007	79-06-1	ACRYLAMIDE
U008	79-10-7	ACRYLIC ACID
U009	107-13-18	ACRYLONITRILE, INHIBITED
U010	50-07-7	MITOMYCIN C
U011	61-82-5	AMITROLE
U012	62-53-3	ANILINE
U014	492-80-88	C.I. SOLVENT YELLOW 34
U015	115-02-68	AZASERINE
U016	225-51-48	BENZ[C]ACRIDINE
U017	98-87-3	BENZAL CHLORIDE
U018	56-55-3	BENZ[A]ANTHRACENE
U019	71-43-2	BENZENE
U020	98-09-9	BENZENESULFONYL CHLORIDE
U021	92-87-5	BENZIDINE
U022	50-32-8	BENZO[A]PYRENE
U023	98-07-7	BENZOIC TRICHLORIDE
U024	111-91-18	BIS(2-CHLOROETHOXY)METHANE
U025	111-44-48	2,2'-DICHLOROETHYL ETHER
U026	494-03-18	CHLORNAPHAZINE
U027	108-60-18	BIS(2-CHLOROISOPROPYL)ETHER
U028	117-81-78	DI-(2-ETHYLHEXYL)PHTHALATE
U029	74-83-9	METHYL BROMIDE
U030	101-55-38	4-BROMOPHENYL PHENYL ETHER
U031	71-36-3	N-BUTYL ALCOHOL
U032	13765-19-0	CALCIUM CHROMATE
U033	353-50-48	CARBONIC DIFLUORIDE
U034	75-87-6	ACETALDEHYDE, TRICHLORO-

EPA HAZARDOUS WASTE NUMBERS -- COMMON CHEMICAL NAME

EPA HW #	CAS #	COMMON CHEMICAL NAME
U035	305-03-38	CHLORAMBUCIL
U036	57-74-9	CHLORDANE
U037	108-90-78	CHLOROBENZENE
U038	510-15-68	CHLOROBENZILATE
U039	59-50-7	4-CHLORO-M-CRESOL
U041	106-89-88	EPICHLOROHYDRIN
U042	110-75-88	2-CHLOROETHYL VINYL ETHER
U043	75-01-4	VINYL CHLORIDE
U044	67-66-3	CHLOROFORM
U045	74-87-3	METHYL CHLORIDE
U046	107-30-28	CHLOROMETHYL METHYL ETHER
U047	91-58-7	BETA-CHLORONAPHTHALENE
U048	95-57-8	0-CHLOROPHENOL
U049	3165-93-3	4-CHLORO-O-TOLUIDINE HYDROCHLORIDE
U050	218-01-98	1,2-BENZPHENANTHRENE
U051	8021-39-4	WOOD CREOSOTE
U052	1319-77-3	CRESOL
U053	4170-30-3	CROTONALDEHYDE
U055	98-82-8	CUMENE
U056	110-82-78	CYCLOHEXANE
U057	108-94-18	CYCLOHEXANONE
U058	50-18-0	CYCLOPHOSPHAMIDE
U059	20830-81-3	DAUNOMYCIN
U060	72-54-8	1,1-DICHLORO-2,2-BIS (P-CHLOROPHENYL)ETHANE
U061	50-29-3	DICHLORODIPHENYLTRICHLOROETHANE
U062	2303-16-4	DIALLATE
U063	53-70-3	DIBENZ(A,H)ANTHRACENE
U064	189-55-98	DIBENZO(A,I)PYRENE
U066	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE
U067	106-93-48	ETHYLENE DIBROMIDE
U068	74-95-3	METHYLENE BROMIDE
U069	84-74-2	DIBUTYL PHTHALATE
U070	95-50-1	0-DICHLOROBENZENE, LIQUID
U071	541-73-18	M-DICHLOROBENZENE
U072	106-46-78	P-DICHLOROBENZENE
U073	91-94-1	3,3'-DICHLOROBENZIDINE
U074	764-41-08	1,4-DICHLORO-2-BUTENE (I,T)
U075	75-71-8	DICHLORODIFLUOROMETHANE
U076	75-34-3	1,1-DICHLOROETHANE
U077	107-06-28	ETHYLENE DICHLORIDE
U078	75-35-4	VINYLIDENE CHLORIDE
U079	156-60-58	TRANS-1,2-DICHLOROETHYLENE
U080	75-09-2	DICHLOROMETHANE
U081	120-83-28	2,4-DICHLOROPHENOL
U082	87-65-0	2,6-DICHLOROPHENOL
U083	78-87-5	PROPYLENE DICHLORIDE
U084	542-75-68	1,3-DICHLOROPHENOL

EPA HAZARDOUS WASTE NUMBERS -- COMMON CHEMICAL NAME

EPA HW #	CAS #	COMMON CHEMICAL NAME
U085	1464-53-5	2,2-BIOXIRANE
U086	1615-80-1	1,2-DIETHYLHYDRAZINE
U087	3288-58-2	0,0-DIETHYL S-METHYL DITHIOPHOSPHATE
U088	84-66-2	DIETHYL PHTHALATE
U089	56-53-1	DIETHYLSTILBESTROL
U090	94-58-6	DIHYDROSAFROLE
U091	119-90-48	3,3'-DIMETHOXYBENZIDINE
U092	124-40-38	DIMETHYLAMINE, ANHYDROUS
U093	60-11-7	4-DIMETHYLAMINOAZOBENZENE
U094	57-97-6	7,12-DIMETHYLBENZ(A)ANTHRACENE
U095	119-93-78	3,3'-DIMETHYLBENZIDINE
U096	80-15-9	CUMENE HYDROPEROXIDE
U097	79-44-7	DIMETHYLCARBAMOYL CHLORIDE
U099	540-73-88	1,2-DIMETHYLHYDRAZINE
U101	105-67-98	2,4-XYLENOL
U102	131-11-38	DIMETHYL PHTHALATE
U103	77-78-1	DIMETHYL SULFATE
U105	121-14-28	2,4-DINITROTOLUENE
U106	606-20-28	2,6-DINITROTOLUENE
U107	117-84-08	DIOCTYL PHTHALATE
U108	123-91-18	1,4-DIOXANE
U109	122-66-78	1,2-DIPHENYLHYDRAZINE
U110	142-84-78	DIPROPYLAMINE
U111	621-64-78	N-NITROSODI-N-PROPYLAMINE
U112	141-78-68	ETHYL ACETATE
U113	140-88-58	ETHYL ACRYLATE
U114	111-54-68	ETHYLENEBIS(DITHIOCARBAMIC ACID)
U115	75-21-8	ETHYLENE OXIDE
U116	96-45-7	ETHYLENE THIOUREA
U117	60-29-7	ETHYL ETHER
U118	97-63-2	ETHYL METHACRYLATE
U119	62-50-0	ETHYL METHANESULFONATE
U120	206-44-08	FLUORANTHENE
U121	75-69-4	FLUOROTRICHLOROMETHANE
U122	50-00-0	FORMALDEHYDE GAS
U123	64-18-6	FORMIC ACID
U124	110-00-98	FURAN
U125	98-01-1	FURFURAL
U126	765-34-48	GLYCIDALDEHYDE
U127	118-74-18	HEXACHLOROBENZENE
U128	87-68-3	HEXACHLOROBUTADIENE
U129	58-89-9	LINDANE
U130	77-47-4	HEXACHLOROCYCLOPENTADIENE
U131	67-72-1	HEXACHLOROETHANE
U132	70-30-4	HEXACHLOROPHENE
U133	302-01-28	HYDRAZINE, ANHYDROUS

EPA HAZARDOUS WASTE NUMBERS -- COMMON CHEMICAL NAME

EPA HW #	CAS #	COMMON CHEMICAL NAME
U134	7664-39-3	HYDROGEN FLUORIDE SOLUTION
U134	7664-39-3	HYDROGEN FLUORIDE
U135	7783-06-4	HYDROGEN SULFIDE
U136	75-60-5	CACODYLIC ACID
U137	193-39-58	INDENO(1,2,3-CD)PYRENE
U138	74-88-4	METHYL IODIDE
U139	9004-66-4	IRON DEXTRAN COMPLEX
U140	78-83-1	ISOBUTYL ALCOHOL
U141	120-58-18	ISOSAFROLE
U142	143-50-08	CHLORDECONE
U143	303-34-48	LASIOCARPINE
U144	301-04-28	LEAD ACETATE
U145	7446-27-7	LEAD PHOSPHATE
U146	1335-32-6	LEAD SUBACETATE
U147	108-31-68	MALEIC ANHYDRIDE
U148	123-33-18	MALEIC HYDRAZIDE
U149	109-77-38	MALONONITRILE
U150	148-82-38	MELPHALAN
U151	7439-97-6	MERCURY
U152	126-98-78	METHACRYLONITRILE
U153	74-93-1	METHYL MERCAPTAN
U154	67-56-1	METHYL ALCOHOL
U155	91-80-5	METHAPYRILENE
U156	79-22-1	METHYL CHLOROFORMATE
U157	56-49-5	3-METHYLCHOLANTHRENE
U158	101-14-48	4,4'-METHYLENEBIS(2-CHLOROBENZENAMINE)
U159	78-93-3	METHYL ETHYL KETONE
U160	1338-23-4	2-BUTANONE PEROXIDE
U161	108-10-18	METHYL ISOBUTYL KETONE
U162	80-62-6	METHYL METHACRYLATE, INHIBITED
U163	70-25-7	N-METHYL-N'-NITRO-N-NITROSOGUANIDINE
U164	56-04-2	METHYLTHIOURACIL
U165	91-20-3	NAPHTHALENE
U166	130-15-48	1,4-NAPHTHOQUINONE
U167	134-32-78	ALPHA-NAPHTHYLAMINE
U168	91-59-8	BETA-NAPHTHYLAMINE
U169	98-95-3	NITROBENZENE, LIQUID
U170	100-02-78	P-NITROPHENOL
U171	79-46-9	2-NITROPROPANE
U172	924-16-38	N-NITROSODI-N-BUTYLAMINE
U173	1116-54-7	N-NITROSODIETHANOLAMINE
U174	55-18-5	ETHANAMINE,N-ETHYL-N-NITROSO-
U176	759-73-98	N-NITROSO-N-ETHYLUREA
U177	684-93-58	N-NITROSO-N-METHYLUREA
U178	615-53-28	N-NITRO-N-METHYLURETHANE
U179	100-75-48	N-NITROSOPIPERIDINE
U180	930-55-28	N-NITROSOPYRROLIDINE
U181	99-55-8	5-NITRO-O-TOLUIDINE

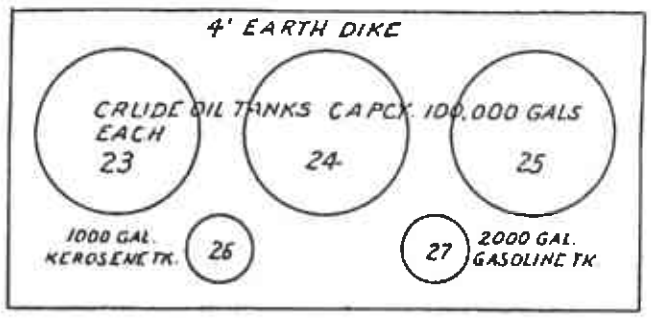
KEY

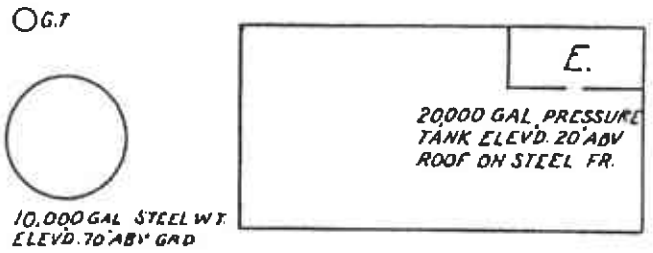
- Fire proof construction. (OR FIRE RESISTIVE CONSTN)
- Adobe building.
- Stone building
- Concrete, lime, cinder or cement brick
- Hollow concrete or cement block constn
- Concrete or reinforced concrete constn
- Tile building
- Brick building with frame cornice
- " " " stone front, frame side (DIVIDED BY FRAME PARTITION)
- Brick veneered building
- " and frame building
- Frame building, brick lined
- " " metal clad
- Frame residential building
- Iron building
- Tenant building occupied by various manufacturing or occupancies
- Frame building covered with asbestos
- Brick building with brick or metal cornice
- Fire wall 6 inches above roof
- " " 12 " " "
- " " 18 " " "
- " " 36 " " "
- Figures 8, 12, 16 indicate thickness of wall in inches
- Wall without opening and size in inches
- Wall with openings on floors as designated
- Opening with single iron or tin clad door.
- " " double iron " " " doors.
- " " standard fire doors.
- Openings with wired glass doors
- Drive or passage way
- Stable
- Auto House or private garage
- Solid brick with interior walls of C B or C B and brick mixed.
- Mixed construction of C B and brick with one wall of solid brick.
- Mixed construction of C B and brick with one wall faced with 4" brick.
- Mixed construction of C B and brick throughout.

- Window opening in first story
- Window openings in second and third stories
- Window openings in second and fourth stories
- Windows with wired glass.
- Windows with iron or tin clad shutters
- Window openings tenth to twenty-second stories
- Width of street (BETWEEN BLOCK LINES, NOT CURB LINES)
- Open elevator
- Frame enclosed elevator.
- " " " with traps.
- " " " self closing traps.
- Concrete block enclosed elevator with traps.
- Tile enclosed elevator with self closing traps
- Brick enclosed elev with wired glass door.
- Iron chimney
- Brick chimney.
- (15) Ground elevation
- Vertical steam boiler.
- 5 Block number.
- Vertical pipe or stand pipe.
- AFA Automatic fire alarm.
- IEP Independent electric plant.
- (AS) Automatic sprinklers.
- (ACS) Automatic chemical sprinklers.
- Automatic sprinklers in part of building only (NOTE UNDER SYMBOL INDICATES PROTECTED PORTION OF BUILDING)
- (NS) Not sprinklered.
- Outside vertical pipe on fire escape
- (FA) Fire alarm box
- Single hydrant
- DH Double "
- TH Triple "
- QH Quadruple hydrant of the "High Pressure Fire Service"
- (FA) Fire alarm box of the "High Pressure Fire Service"
- Water pipes of the High Pressure Fire Service
- " " and hydrants of the "High Pressure Fire Service" as shown on key map.
- 6" W.P. Water pipes and size in inches.
- 6" W. PIPE (private) Water pipes of private supply
- House numbers shown nearest to buildings are official or actually up on buildings. Old house numbers shown furthest from buildings
- Gasoline tank.
- (O. U) Open under
- Siamese fire dept connection
- Single fire dept connection
- 24 Reference to adjoining page
- Fire engine house, as shown on key map.
- Fire pump.
- (36) Under page number refers to corresponding page of previous edition

TANKS

G.T. Gasoline Tank

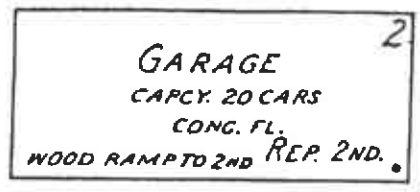


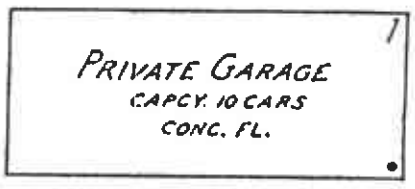


FUEL OIL LINE

Fire Cistern

CISTERN





CODING OF STRUCTURAL UNITS FOR FIREPROOF AND NON-COMBUSTIBLE BUILDINGS

FRAMING

CODE	STRUCTURAL UNIT
A.	Reinforced Concrete Frame.
B.	Reinforced Concrete Joists, Columns, Beams, Trusses, Arches, Masonry Piers.
C.	Protected Steel Frame.
D.	Individually Protected Steel Joists, Columns, Beams, Trusses, Arches.
E.	Indirectly Protected Steel Frame.
F.	Indirectly Protected Steel Joists, Columns, Beams, Trusses, Arches.
G.	Unprotected Steel Frame.
H.	Unprotected Steel Joists, Columns, Beams, Trusses, Arches.
O.	Masonry Bearing Walls.

FLOORS

CODE	STRUCTURAL UNIT
1.	Reinforced Concrete. Reinforced Concrete with Masonry Units. Pre-cast Concrete or Gypsum Slabs or Planks.
2.	Concrete on Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
3.	Open Steel Deck or Grating.

LAND USE CODE APPLICABLE TO CHANGES DIAGRAMMED AT FEB 5/60

R	RESIDENTIAL	M	MANUFACTURING
RT	RESIDENTIAL - TRANSIENT	P	PUBLIC OR INSTITUTIONAL
C	COMMERCIAL	U	UTILITY
W	WAREHOUSE	T	TRANSPORTATION

NUMERICAL PREFIX INDICATES THE NUMBER OF ESTABLISHMENTS IN EACH CATEGORY

ROOF

CODE	STRUCTURAL UNIT
a.	Reinforced Concrete. Reinforced Concrete with Masonry Units. Reinforced Gypsum Concrete. Pre-cast Concrete or Gypsum Slabs or Planks.
b.	Concrete or Gypsum on Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
c.	Incombustible Composition Boards with or without Insulation. Masonry or Metal Tiles.
d.	Steel Deck, Corrugated Metal or Asbestos Protected Metal with or without Insulation.

The coding for framing, floor and roof structural units as shown above is used in describing the construction of fire-resistive buildings. In addition, reports for fire-resistive buildings will show the date built and wall construction when other than brick.

F P buildings have masonry floors and roof; concrete and/or directly or indirectly protected steel framing; and clay brick, stone or poured concrete walls.

F P X buildings are F P buildings with inferior walls such as concrete block, cement brick, metal or glass panels, etc.

N C buildings have unprotected steel framing and fire-resistive but non-masonry floors and roof.

FP-1962 (CONC.) A-1-a	A fire-resistive building built in 1962 with concrete walls and reinforced concrete frame, floors and roof.
FPX-1962 (METAL PANELS) E-2-b NONCOMB CEIL'G	A fire-resistive building built in 1962 with metal panel walls, indirectly protected steel frame, concrete floors and roof on metal lath, noncombustible ceilings.
NC-1962 (C. B.) H-2-d	A noncombustible building built in 1962 with concrete block walls; unprotected steel columns and beams; concrete floors on metal lath and steel deck roof.

5-62

505 Huntmar Park Dr, Suite 200
Herndon, VA 22070
(703)834-0600 (800)989-0402
FAX: (703)834-0606

SITE INFORMATION

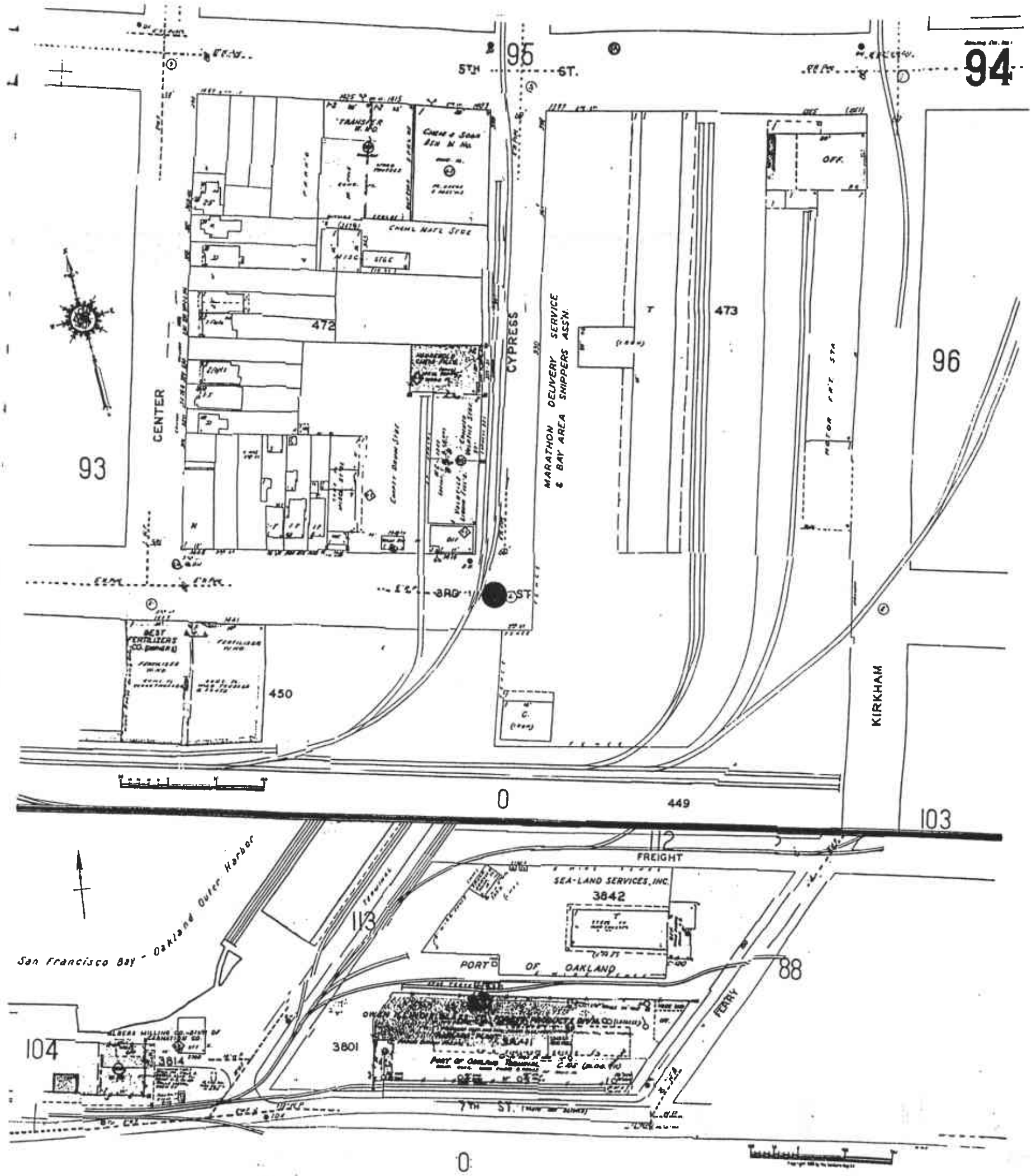
1414 Third Street
Oakland, CA
Alameda County
Job Number: 92772A
Map Plotted: Jun 11, 1996

MAP LEGEND

- Site
- Radii 1/4, 1/2, 1 Mi
- Hydrography
- Railroads
- Roads
- Highways
- NPL 0 Sites
- RCRIS_TS 1 Site
- CERCLIS 0 Sites
- NFRAP 3 Sites
- RCRIS_LG 4 Sites
- RCRIS_SG 3 Sites
- ERNS 0 Sites
- HWS 54 Sites
- LRST 15 Sites
- SWF 0 Sites
- RST 8 Sites
- OGW 0 Sites

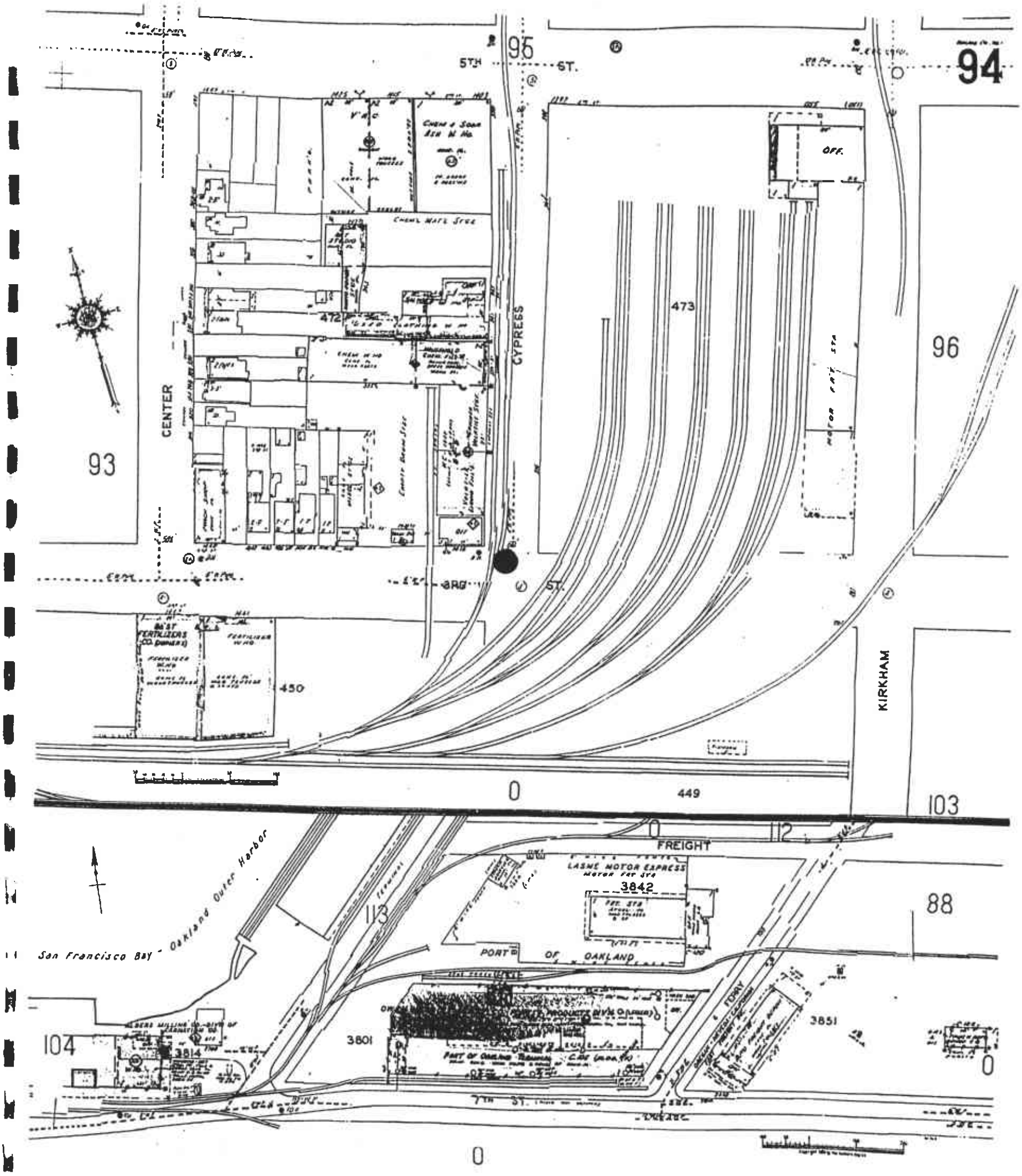
Miles

0 0.25 0.5



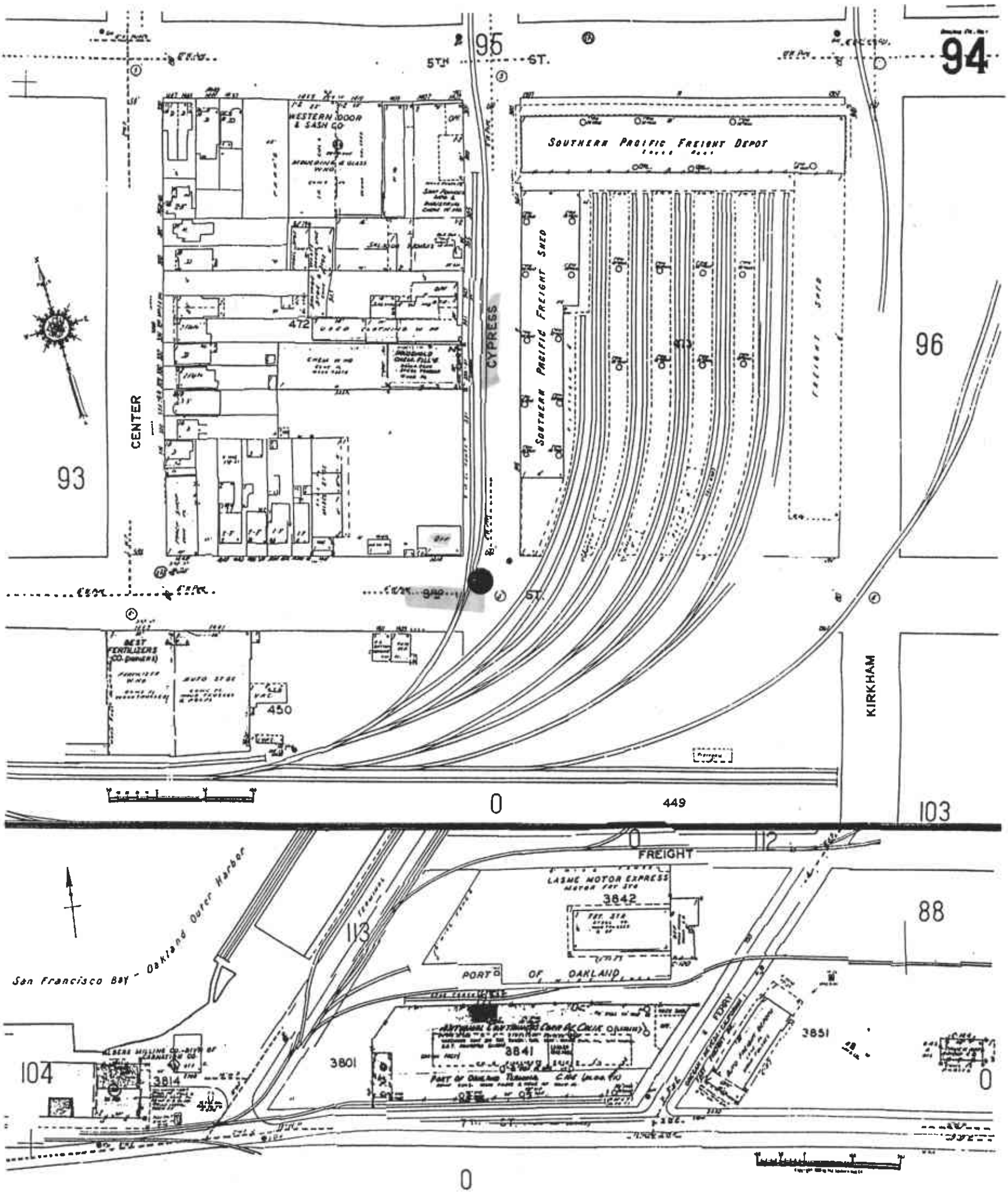
SANBORN

1970



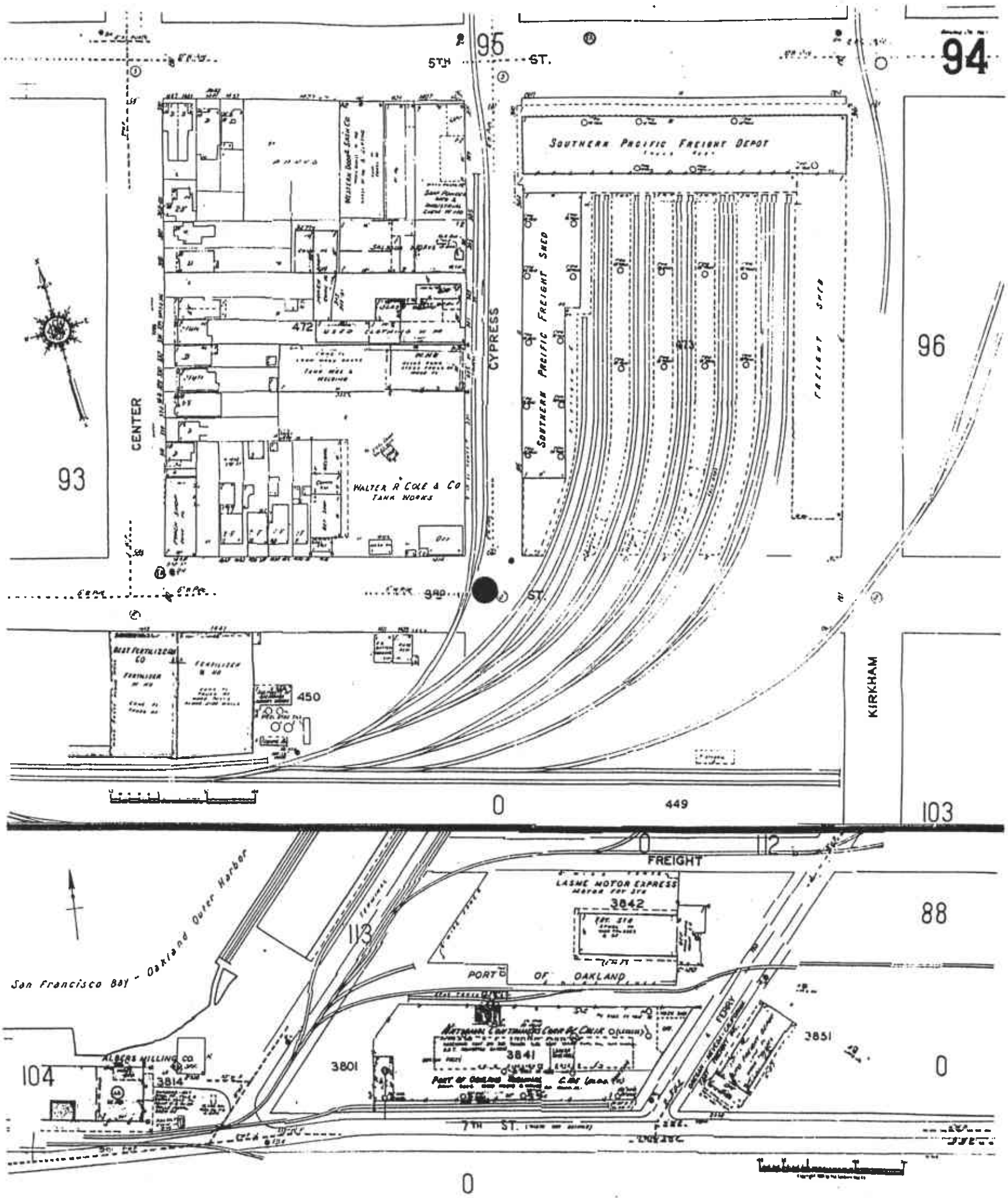
SANBORN

1967



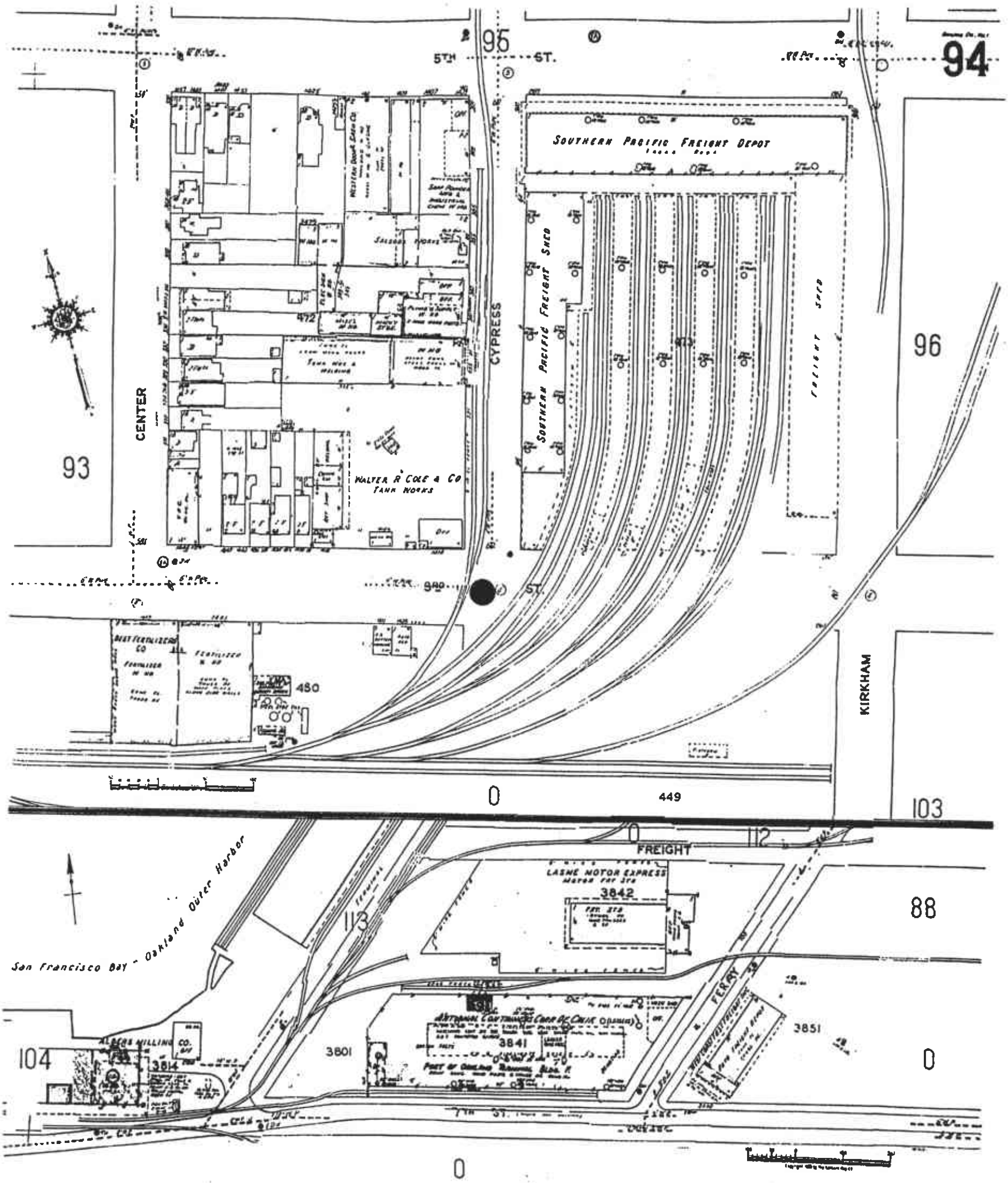
SANBORN

1961



SANBORN

1958

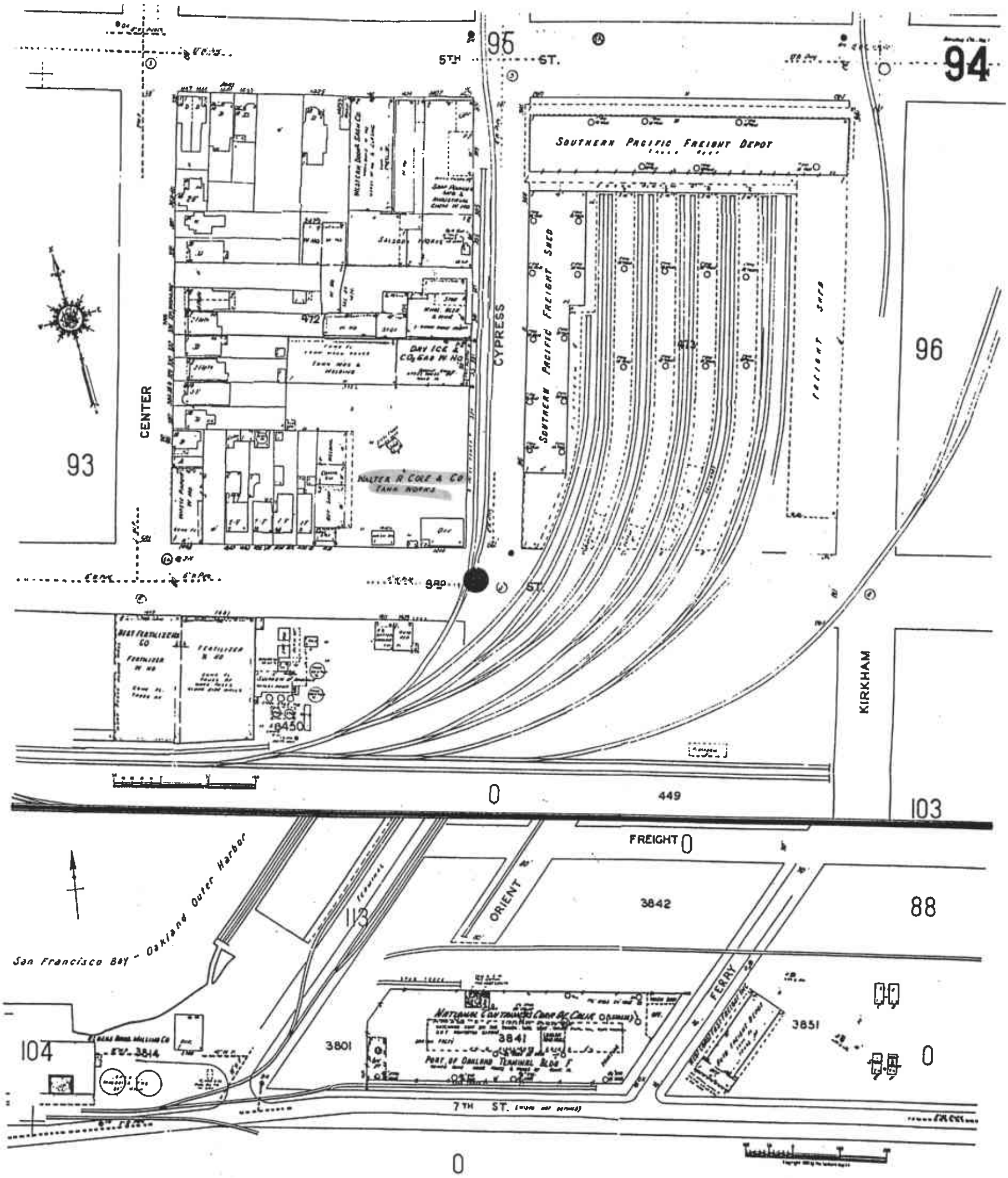


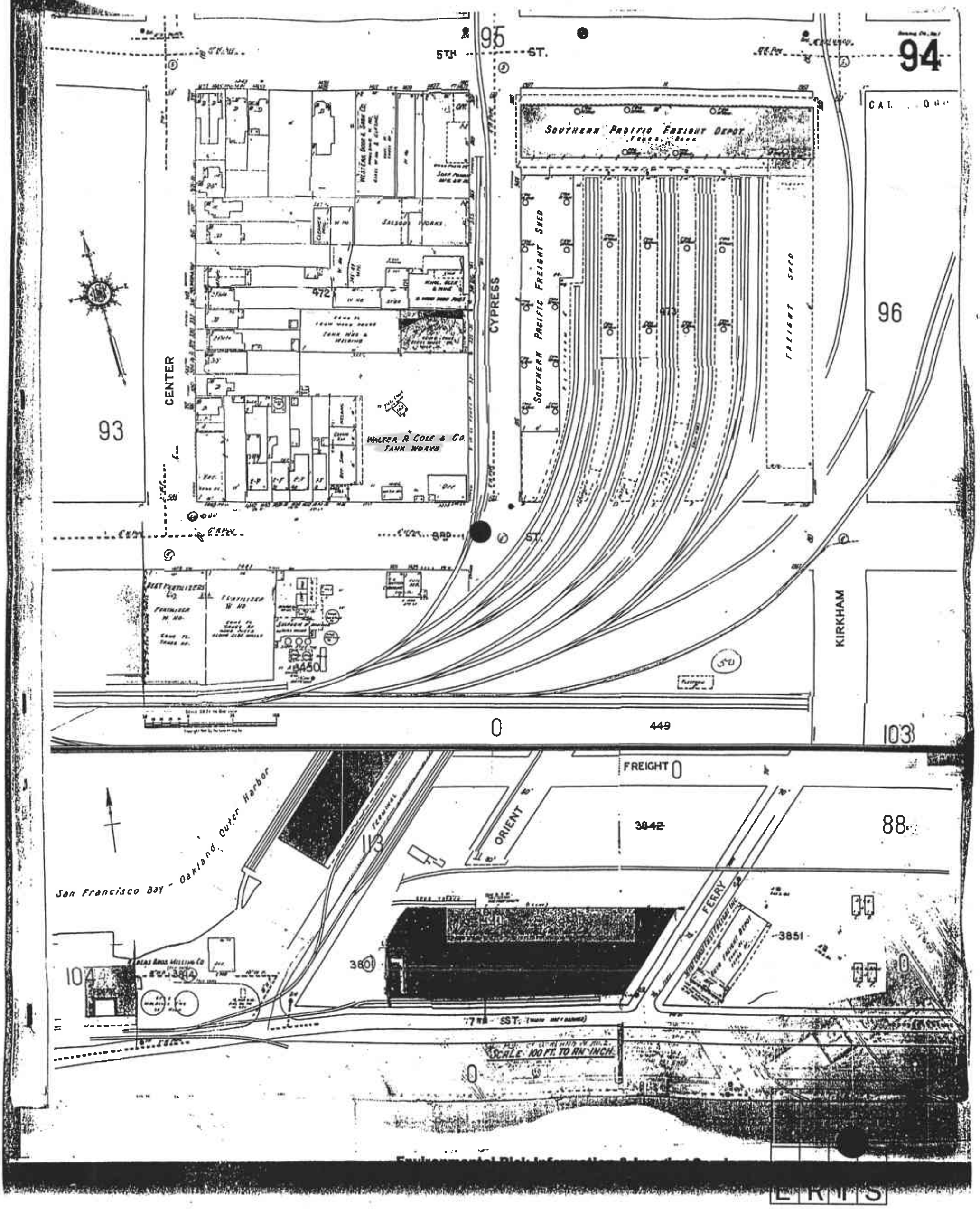
Environmental Risk Information & Imaging Services

505 Huntmar Park Drive, Suite 200 ■ Herndon, VA 22070 ■ (703) 834-0600 ■ 1-800 989-0403 ■ FAX (703) 834-0606

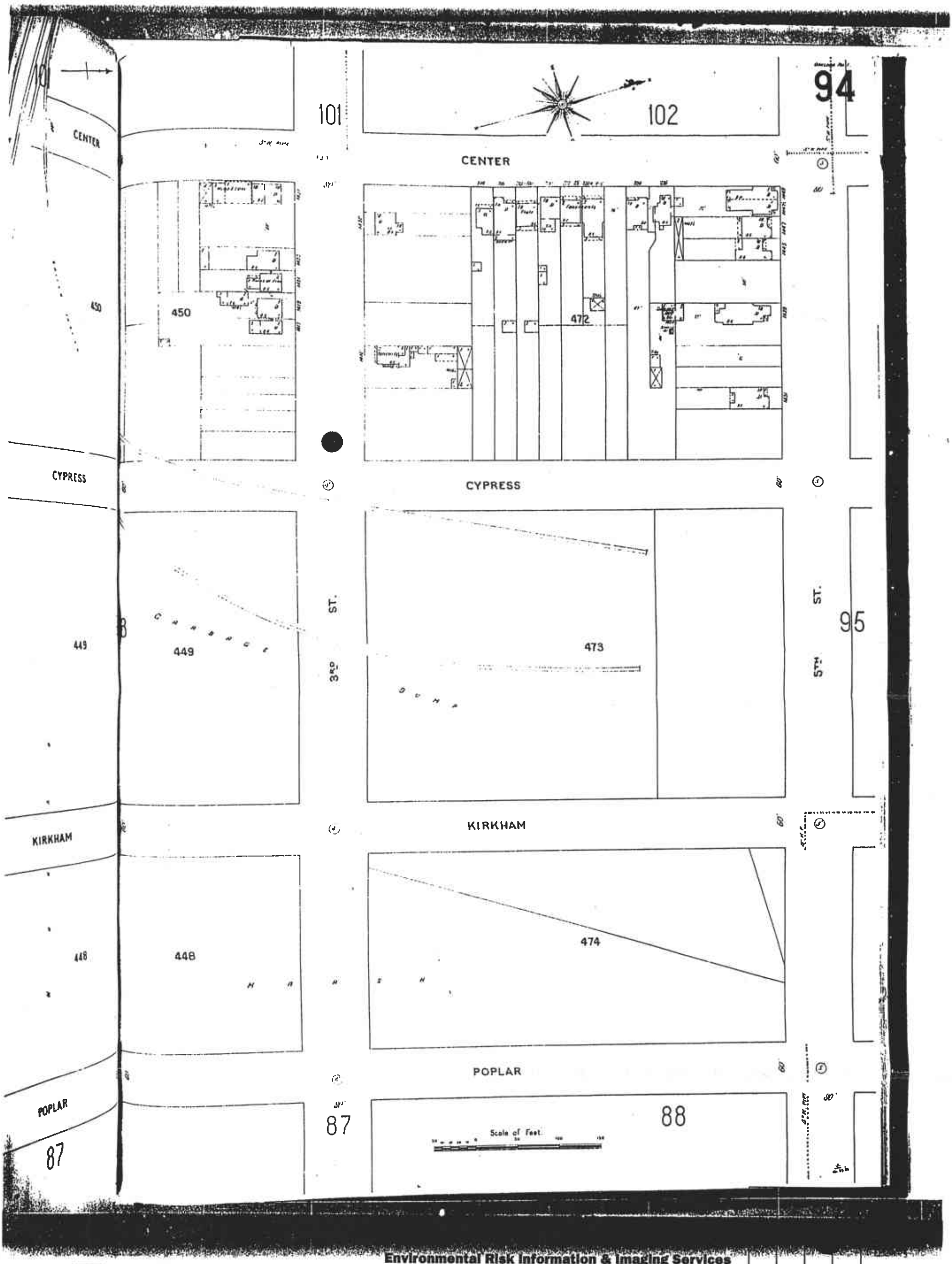
SANBORN

1957



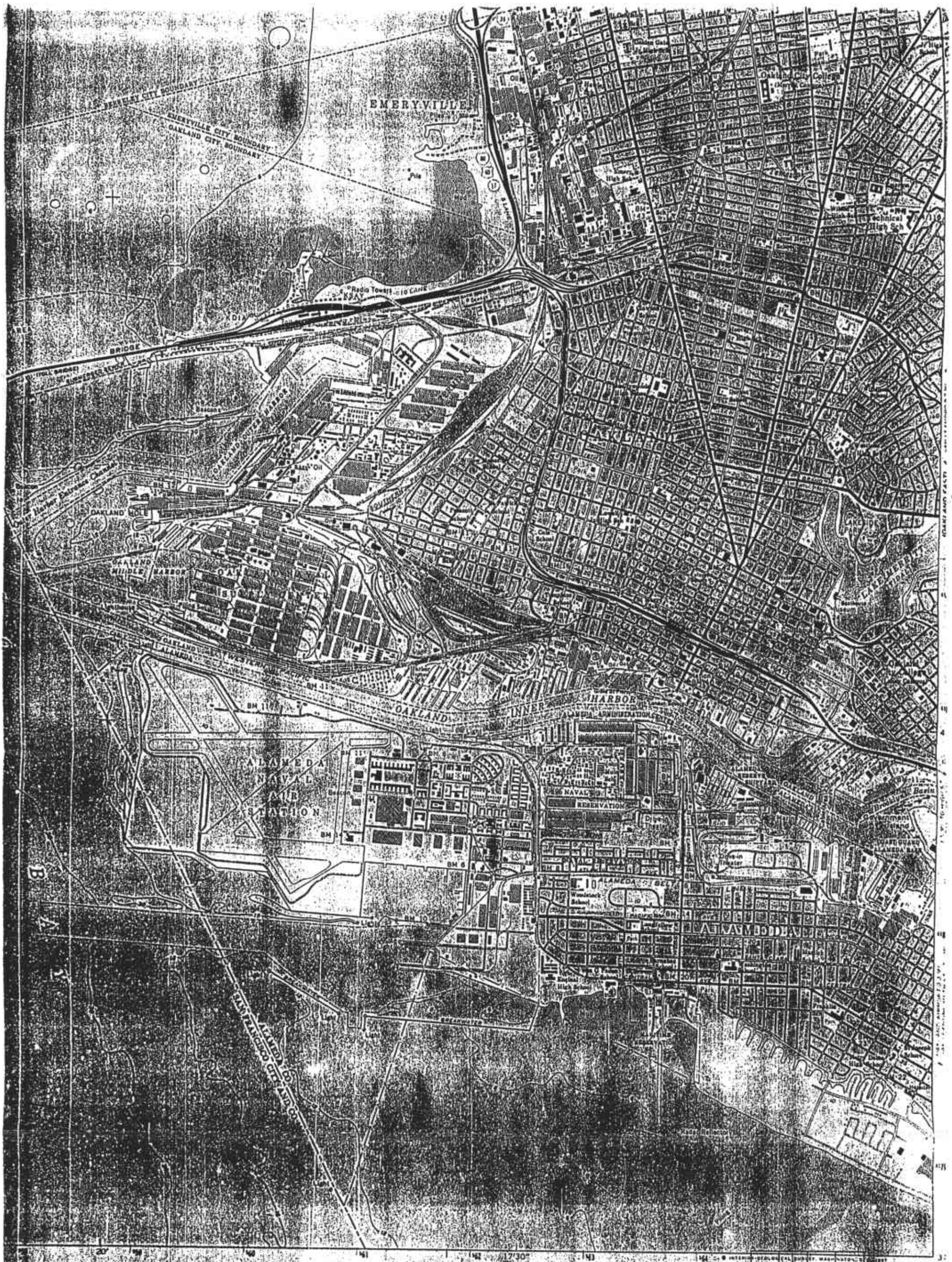


1951

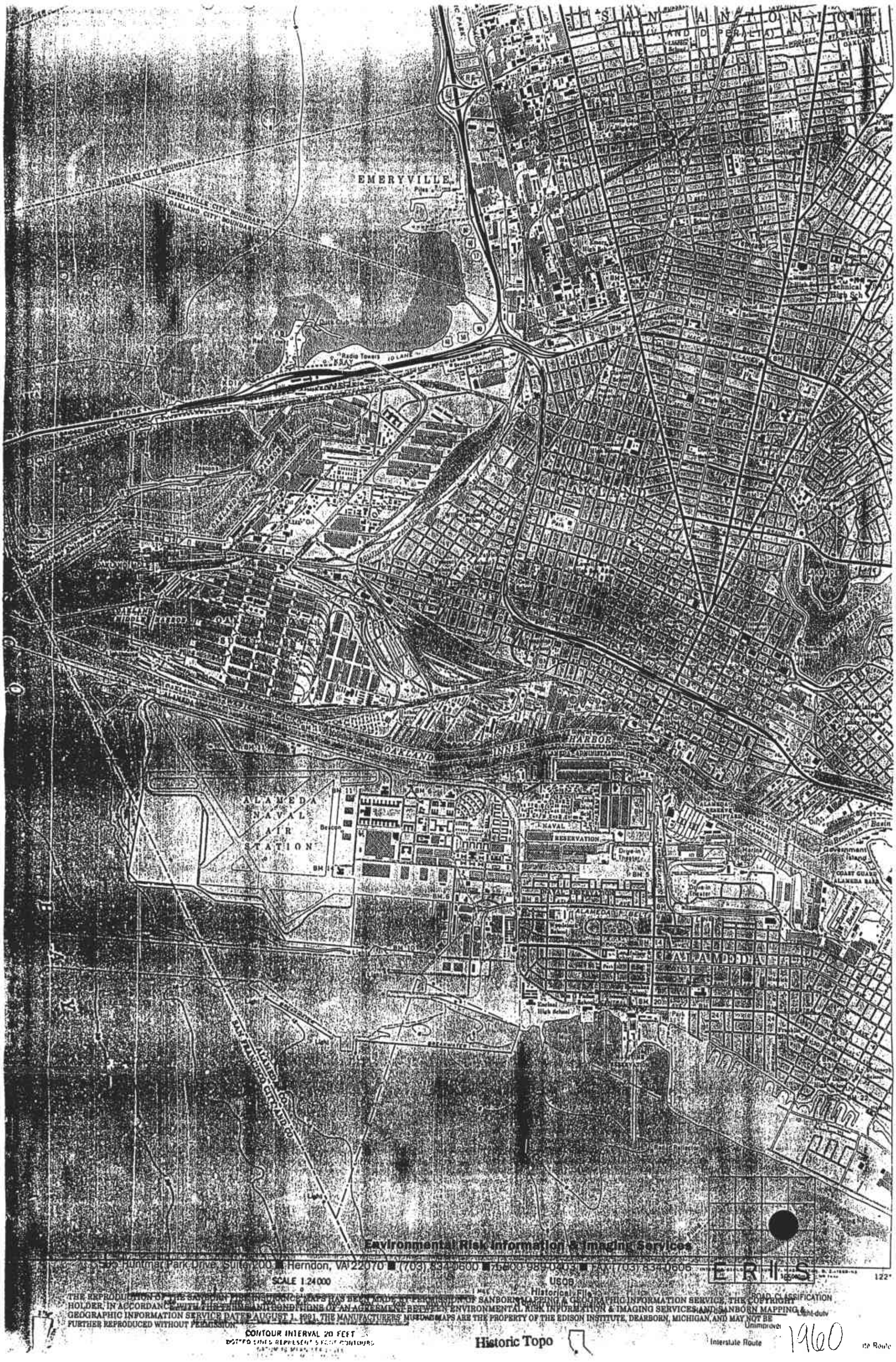


1902


SAN FRANCISCO BAY
BERKELEY PIER
BERKELEY CITY BOUNDARY
EMERYVILLE CITY BOUNDARY
OAKLAND CITY BOUNDARY
EMERYVILLE
Pile
Mud
Radio Towers
KPAY
KDIA
BAY BRIDGE
SUPERSTRUCTURE
Bascons
OAKLAND OUTER HARBOR
Outer Harbor Entrance Channel
BM 12
Buoy
OAKLAND MIDDLE HARBOR
Lighthouse
OAKLAND
ALAMEDA
WESTERN PACIFIC
BM 11
OAKLAND INNER HARBOR
ALAMEDA AMPHIFERATION
Light
ALAMEDA NAVAL AIR STATION
BM 6
BM 10
NAVAL RESERVATION
ALAMEDA RESERVE SHIPYARD
OAKLAND ALAMEDA
Marina
Drive-in Theater
ALAMEDA
SAN FRANCISCO CITY AND CO
BREAKWATER
MARINE RESERVATION
ALAMEDA MEMORIAL STATE BEACH
Radar Reflector
Environmental Risk Information & Imaging Services
505 Huntmar Park Drive, Suite 200 ■ Herndon, VA 22070 ■ (703) 834-0600 ■ 1-800 989-0403 ■ FAX (703) 834-0606
E R I S
17'30"
(HUNTERS POINT)
1939 in NE
SCALE 1:24000
THE REPRODUCTION OF THE SANBORN FIRE INSURANCE MAPS HAS BEEN MADE BY PERMISSION OF SANBORN MAPPING & GEOGRAPHIC INFORMATION SERVICE, THE COPYRIGHT HOLDER, IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF AN AGREEMENT BETWEEN ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES AND SANBORN MAPPING & GEOGRAPHIC INFORMATION SERVICE DATED AUGUST 1, 1991. THE MANUFACTURED MUTUAL MAPS ARE THE PROPERTY OF THE SANBORN INSTITUTE, DEARBORN, MICHIGAN, AND MAY NOT BE FURTHER REPRODUCED WITHOUT PERMISSION.
1 KILOMETER
CONTOUR INTERVAL 20 FEET
Historic Topo



Historic Topo



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APPENDIX B

Standard Operating Procedures

Cone Penetration Testing, Soil Sampling and Groundwater Sampling Procedures

APPENDIX B

Standard Operating Procedures

Cone Penetration Testing, Soil Sampling and Groundwater Sampling Procedures

FIELD ACTIVITY PREPARATION

Prior to initiating field activities, necessary permits are obtained from the appropriate agencies, and an underground utility-locating service is hired to survey the proposed work area for subsurface utilities. In addition, Underground Service Alert (USA) is contacted to schedule visits to the site by public and private utility companies. Each company locates it's utilities with the aid of maps, and the locating service verifies and marks these locations. All utility surveys are coordinated with the client, client representative and/or property owner before field activities begin.

CONE PENETRATION TESTING

Prior to conducting cone penetration testing (CPT), asphalt surfacing is pre-punched with a probe using the CPT rig, or cut using a coring device. Probe holes near underground utilities are hand augered to 5 feet below ground surface (BGS) to ensure the absence of subsurface obstructions. Following hand augering, the probe holes are backfilled with soil cuttings prior to cone penetration testing.

Cone penetration testing is conducted in accordance with American Society of Testing and Materials (ASTM) Standard D 3441-86. During cone penetration testing, a cone-tipped pressure-sensitive probe is attached to a string of hollow, steel rods and pushed into the ground with heavy hydraulic rams. The rams, as well as the rest of the CPT equipment, are contained within a 20-

ton truck where the weight of the truck provides a reactive force to push against. As the rods and probe are pushed into the ground, two strain-gauged load cells contained within the probe measure the bearing resistance and shear resistance on the tip and the sides of the probe, respectively, from the soil encountered. Analog signals generated by the load cells in the probe are transmitted to an onboard computer for conversion into digital data. As the probe is pushed, the data generated by the probe are simultaneously displayed on a monitor. Upon completion of the test, the soil resistance relationships are calculated by the computer to determine the soil stratigraphy using the methods of Douglas and Olsen (1981). The CPT data and interpreted stratigraphic results are then printed. Upon completion of data collection, the CPT rods are removed and the probe holes are tremie sealed to the surface with bentonite-cement grout and if necessary capped with rapid-set concrete.

SOIL SAMPLING

In general, soil samples are collected using direct-push soil sampling methods or split-spoon sampling methods to evaluate the geochemistry and stratigraphy of the soil beneath the site. Soil samples are classified and logged according to the Unified Soil Classification System. The work is supervised by a California-registered geologist to ensure that it meets regulatory standards.

Direct-Push Sampling

Soil samples are collected using a cone penetration testing rig at five-foot intervals by hydraulically driving a soil core barrel equipped with 1½-inch diameter stainless steel or brass liners to each sampling interval. At the top of each sampling interval, the tip of the soil core barrel is retracted and the soil core barrel is driven 1½ feet to obtain the soil sample. The soil core barrel is removed from the probe hole and the soil samples are prepared for geochemical analysis and described on a boring log. Typically, drill cutting are not generated during direct-push sampling. Upon completion of soil sampling, the probe hole is sealed to the surface with bentonite-cement grout and, if necessary, capped with rapid set concrete.

Split-Spoon Sampling

Soils are sampled during hollow-stem auger drilling by driving an 18-inch-long split-spoon sampler fitted with 2-inch-diameter brass liners beyond the tip of the auger into undisturbed soil. The split-spoon sampler is driven into the soil with a 140-pound hammer. As the sampler is driven into the soil, blow counts are recorded on the boring logs for each six inches of penetration. Soil samples are collected every 5 feet or less, depending on the lithology encountered. The split-spoon sampler is removed from the soil boring and the soil samples are prepared for geochemical analysis and described on a boring log. Following soil sampling, the soil boring is either sealed to the surface with bentonite-cement grout or converted into a groundwater monitoring well.

In general, drill cuttings are drummed and temporarily stored onsite. Drill cuttings are disposed of using the appropriate method based on the analyses of the soil samples collected during drilling.

GROUNDWATER SAMPLING PROCEDURES

Groundwater samples are collected from a second probe hole located within four feet of CPT points interpreted to contain 3 feet or more of sand using a Hydropunch II or push-in polyvinyl chloride piezometer (PIPP). The PIPP sampling system consists of two principle components: an outer steel protective casing with an outside diameter of approximately 2 inches and an inner casing of 1-inch diameter outside diameter polyvinyl chloride (PVC) slotted screen. The PIPP is attached to a string of steel rods and pushed with the CPT rig to the target sampling depth, determined using the CPT data. An expendable stainless steel tip is attached to the end of the outer casing to prevent soil or groundwater from entering the PIPP as it is pushed into the ground. After reaching the desired sampling depth, the outer casing is retracted exposing the screen. Groundwater samples are then collected using a precleaned Teflon™ or PVC bailer lowered through the center of the rods and into the screen. Upon retrieval of the bailer, groundwater is decanted into appropriate sample containers, which are subsequently stored on ice

pending analysis. Probe holes are tremie sealed to the surface with bentonite-cement grout and if necessary capped with rapid-set concrete following sampling.

DECONTAMINATION PROCEDURES

All equipment is properly decontaminated to prevent cross-contamination between sampling locations. The two methods of decontamination typically used are steam cleaning and detergent washing followed by tap water and deionized water rinses. During field work, all equipment that is placed in the soil borings and wells, or that comes in contact with groundwater are decontaminated as follows:

Equipment	Decontamination Procedures
Drill/CPT Rig	Steam cleaned prior to arriving onsite
CPT Rods	Steam cleaned between each soil boring
Soil Core Barrel	Steam cleaned prior to each sampling point and detergent washed, tap water and distilled water rinsed between each sampling interval
Hollow-Stem Augers	Steam cleaned prior to each sampling point and detergent washed, tap water and distilled water rinsed between each sampling interval
Split-Spoon Sampler	Steam cleaned prior to each sampling point and detergent washed, tap water and distilled water rinsed between each sampling interval
Drill Tools	Steam cleaned prior to drilling each boring

Water Level Sensor	Steam cleaned each day and detergent washed, tap water and distilled water rinsed between each use
Pumps	Steam cleaned between each use
Bailers	Steam cleaned between each use

SAMPLE HANDLING AND DOCUMENTATION

Soil Samples

Each soil sample is sealed inside stainless steel or brass liners with aluminum foil (shiny side towards the sample) or Teflon™ tape, polypropylene end caps, and wrapped with duct tape. The soil samples are labeled, and stored in an iced cooler for shipment to a California Department of Health Services (DHS)-approved laboratory.

Soil samples are selected for chemical analysis using a photoionization detector (PID). The PID determines the relative concentration of total volatile organic compounds. The soil samples are selected for analysis where (1) the PID reading first detects a reading above the background level, (2) at the point above this interval where the PID reading is negligible, (3) at the first point below the contaminated interval where the PID reading is negligible, and (4) at the water table. If volatile organics are not detected with the PID, the sample collected at the bottom of the soil boring is submitted for analysis.

Groundwater Sampling

A Teflon, stainless steel, or disposable PVC bailer is used for well sampling. Glass bottles of at least 40 milliliters volume and fitted with Teflon-lined septa are used in sampling for volatile organics. These bottles are filled completely to prevent air from remaining in the bottle. A positive meniscus forms when the bottles are completely full. A convex Teflon septum is placed over the meniscus to eliminate air. After capping, the bottles are inverted and tapped to verify that they do not contain air bubbles. The sample containers for other parameters are filled, and capped.

Sample Handling

All sample containers are labeled immediately following sample collection. Samples are kept cool with ice until received by the laboratory. Ice is replaced to maintain refrigeration. At the time of sampling, each sample is logged on a Chain-of-Custody record which accompanies the sample to the Department of Health Services-approved laboratory.

Sample Documentation

The following procedures are used during sampling and analysis to provide Chain-Of-Custody control:

- Field datasheets to document sampling activities in the field
- Labels to identify individual samples
- Chain-of-custody record sheets for documenting possession and transfer of samples

Field Datasheets

In the field, the sampler records the following information on the Water Sample Field Data Sheet for each sample collected:

- Project number
- Client name
- Location
- Name of sampler
- Date and time

- Pertinent sampling location data (e.g., casing diameter, depth to water, total depth)
- Calculated and actual purge volumes
- Purging equipment used, if any
- Sampling equipment used
- Appearance of each sample (e.g., color, turbidity, sediment)
- Results of field analyses (i.e., temperature, pH, specific conductance)
- General comments

The field datasheets are signed by the sampler.

Labels

Sample labels contain the following information:

- Project number
- Sample number (i.e., well designation)
- Sampler's initials
- Date and time of collection
- Type of preservative used (if any)

Sampling and Analysis Chain-of-Custody Record

The Sampling and Analysis Chain-of-Custody record, initiated at the time of sampling, contains, but is not limited to, the well designation, sample type, analytical request, date of sampling, and the name of the sampler. The record sheet is signed, and dated by the sampler when transferring the samples. The number of custodians in the chain of possession is kept to a minimum.

DRUM HANDLING

Soil cutting, groundwater, and decontamination water produced during sampling activities are temporarily stored onsite in DOT-approved 55-gallon drums. All drums are labeled and stored onsite in a location designated by the client or client representative. The sampler records the following information on the drum label for each drum generated:

- Drum content (groundwater)
- Source (well designation)
- Date generated
- Client contact
- Project number
- Name of sampler

The drums stored onsite for a maximum of 90 days. The client will be notified of the quantity of soil and water requiring removal.

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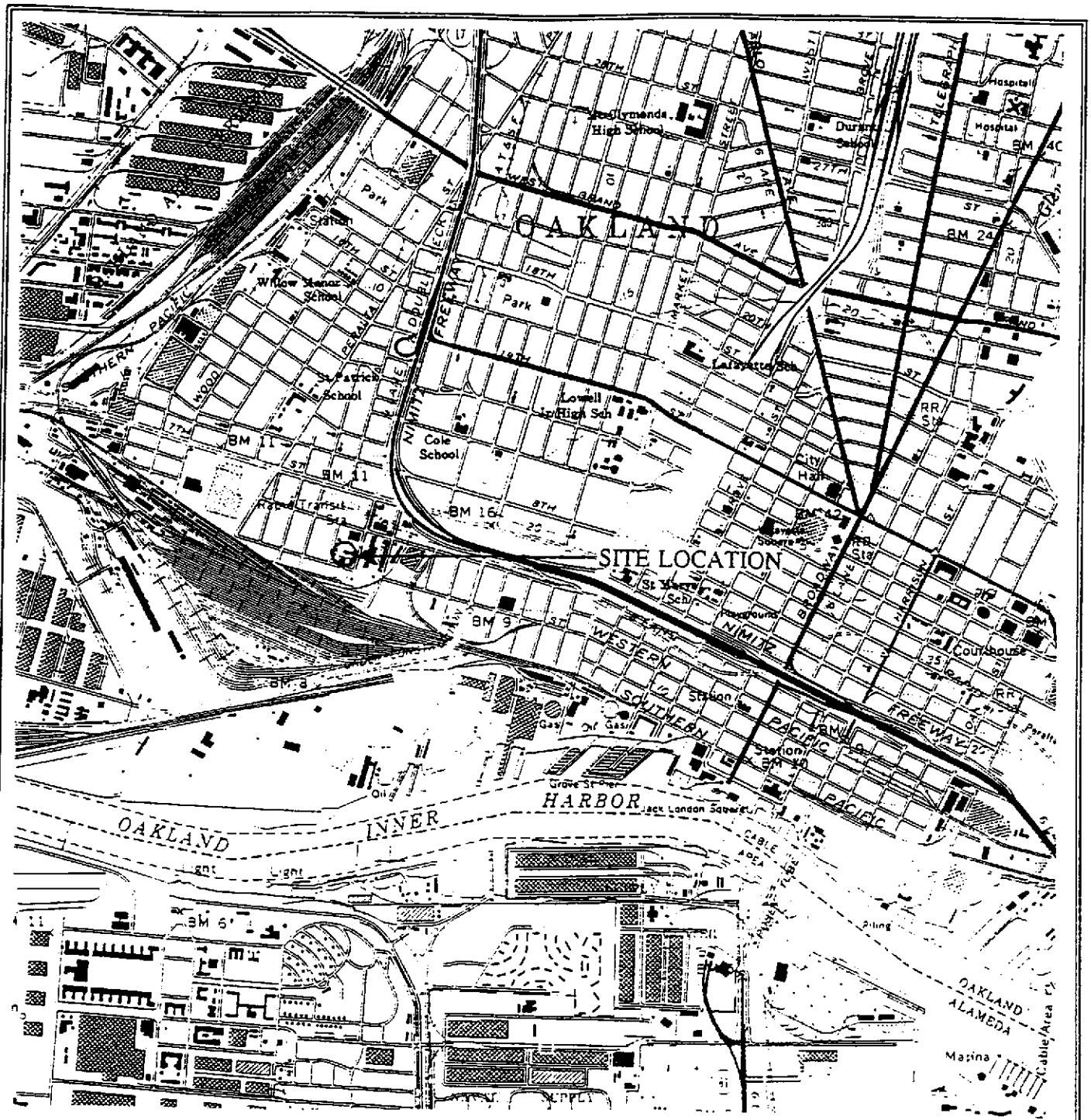
APPENDIX C

Health and Safety Forms



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0 2000 4000
Approximate Scale in Feet

N

RI/FS WORK PLAN DC Metals/Former Amco Chemical 1414 Third Street Oakland, California	BSK Job No. 04-40-0084 FIGURE 1 SITE LOCATION MAP JULY 1996	BSK &ASSOCIATES

TAILGATE SAFETY MEETING

General Contractor_____ Subcontractors_____

Date_____ Time_____ Job Number_____

Customer_____ Address_____

Specific Location_____

Type of Work_____

SAFETY TOPICS PRESENTED

Hazard Level____

Protective Clothing Equipment_____ DRAFT

Chemical Hazards_____

Physical Hazards_____

Emergency Procedures_____

Hospital/Clinic_____ Telephone ( )_____ Paramedic Telephone ( )_____

Monitoring Equipment_____

Decontamination Procedures_____

ATTENDEES

NAME PRINTED	SIGNATURE

Meeting conducted by_____ _____

NAME PRINTED SIGNATURE

Project Manager_____

ACCIDENT, INJURY & ILLNESS INVESTIGATION

I. **Description**

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Location/Address:

Person(s)/Titles(s) Conducting Investigation:

Date and Time of Accident/Injury/Illness:

Name(s) of Affected Employee(s): Part(s) of Body Affected:

Nature of Accident/Injury/Illness:

What Workplace Condition, Work Practice or Protective Equipment Contributed to the Accident:

Was a Code of Safe Practice Violated?

☐ Yes ☐ No

If Yes, Which One?

BSK

II. Corrective Action - Response

What Corrective Actions Will Prevent Another Occurrence:

Will an Additional Code of Safe Practice Be Needed?

☐ Yes ☐ No

If So, State It:

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Was the Unsafe Condition, Practice or Protective Equipment Problem Corrected Immediately?

☐ Yes ☐ No

If No, What Has Been Done to Assure Correction:

Until Corrected, What Actions Have Been Taken to Prevent Recurrence in the Interim?

Will the Inspection Checklist for the Area Require Modification to Prevent Recurrence?

☐ Yes ☐ No ☐ Not Applicable

If Yes, What Will Be Added?

Signature of Investigator: Date

Person Responsible for Corrective Actions:

Date Copy of This Report Received by Above Persons:

Signature of Person Responsible for Correction:

Management Approval:

BSK

RESPIRATOR PROTECTION POLICY

1. Where respirator protection is required, BSK will institute a respirator program in accordance with Section 5144 (8CCR).

2. BSK will require each employee who uses an air-purifying respirator to change the filter elements daily or whenever an increase in breathing resistance is detected (whichever comes first) and shall maintain an adequate supply of filter elements for this purpose.

3. Employees who wear respirators will be permitted to leave the regulated area to wash their faces and respirator facepieces whenever necessary to prevent skin irritation associated with respirator use.

4. No employee will be assigned to tasks requiring the use of respirators if the employee is unable to function normally while wearing a respirator.

5. Respirator Fit Testing - DRAFT

   a. BSK will ensure that the respirator issued to the employee exhibits the least possible facepiece leakage and that the respirator is fitted properly.

   b. Every employee wearing a negative-pressure respirator (half-mask or full-facepiece) in an atmosphere not exceeding 10 times the PEL and/or excursion limit shall receive qualitative fit-testing at the time of initial fitting and at least every six months thereafter.

AIR MONITORING FOR COCs AND GUIDELINES FOR PPE SELECTION

COC	*PPE*
< 19.5% O_2	Ventilate to maintain O_2 levels at or above 19.5%
VOCs 5 - 50 ppm	Confirm Vinyl Chloride absence with Drager tube or Organic Vapor respirator, half- or full-face mask
VOCs 51 ppm or greater	Ventilate to reduce VOC concentrations to less than 1 ppm - equivalent Vinyl Chloride
LEL (Methane) above 10%, potential fire/explosion hazard	Ventilate excavation trench or boring to maintain below 10% of LEL

NOTE: *Confined space entries dictate additional procedures PPE and/or Ventilation requirements. See Attachment D, "Confined Space Entry Procedures"*

BSK

RESPIRATOR SELECTION
TYPE OF RESPIRATORS

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HAZARD	*RESPIRATOR*
1. *Oxygen Deficiency*	Any self-contained breathing apparatus
- Less than 19.5% oxygen	Airline respirator with 5-min. auxiliary SCBA unit attached to respirator user's harness.
2. *Gas And Vapor Contaminants*	
- Immediately dangerous to life or health*	Positive-pressure, self-contained breathing apparatus; combination positive-pressure supplied air respirator and 5-min. auxiliary self-contained air supply.
- Not immediately dangerous to life or health	Any supplied air respirator, gas mask, or chemical cartridge respirator.
3. *Particulate Contaminants*	Any supplied-air respirator including abrasive blasting respirator; powered air-purifying respirator equipped with high efficiency (HEPA) filters; any air-purifying respirator with particulate filter.
4. *Gaseous And Particulate Contaminants*	
- Immediately dangerous to life or health	Positive-pressure, self-contained breathing apparatus; combination positive pressure, supplied air respirator and 5-min. auxiliary self-contained air supply.
- Not immediately dangerous to life and health	Any supplied-air respirator, gas mask, or chemical cartridge respirator.
5. Escape from contaminated atmosphere which may be immediately dangerous to life or health.	Any self-contained breathing apparatus, gas mask (except for oxygen deficiency), combination airline respirator with escape self-contained breathing apparatus, or 5-min. self-contained escape mask or hood.

"Immediately dangerous to life or health" is any condition that poses either an immediate threat to life or health or an immediate threat due to severe delayed effects on health, such as radioactive materials.

BSK

BSK & ASSOCIATES FIELD NOTES
SHERP ADDENDUM

Existing conditions not anticipated or requiring changes or additions to operating plans and SHERP are as follows:

The above conditions or changes have been reviewed with BSK field personnel.

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_____

Project Manager or Site Safety Officer

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APPENDIX D

Quality Assurance/Quality Control Procedures

APPENDIX D

Quality Assurance/Quality Control Procedures

INTRODUCTION

Quality assurance and quality control (QA/QC) of the sample analytical results are assessed through the review of analytical data and collection and analysis of blanks and duplicate samples. The QA/QC assessment included the following: (1) holding time review, (2) method blank analysis, (3) equipment blank analyses, (4) trip blank analysis, (5) blank spike, matrix spike and spike duplicate analysis, (6) surrogate spike analysis, (7) detection limit review, and (8) field duplicate analysis.

HOLDING TIME REVIEW

The analytical methods typically have an associated prescribed holding time that is the maximum amount after collection that a sample may be held prior to extraction and/or analysis. Sample integrity becomes questionable for samples extracted and/or analyzed outside of the prescribed holding times due to degradation and/or volatilization of the sample. Results of analyses of such samples are suspect.

BLANK REVIEW

Blank samples are analyzed in order to check for potential nonrepresentative sample contamination. Information regarding the source of contamination may also be gained by analyzing a variety of blanks prepared at several times during sample collection and analysis. The blanks analyzed for this study included method blanks, equipment blanks, and trip blanks.

Method Blanks

Method blanks are deionized, distilled water that is extracted and analyzed as a sample. Analysis of the method blank indicates potential sources of contamination from laboratory procedures (e.g., contaminated reagents, improperly cleaned laboratory equipment, or persistent contamination due to presence of certain compounds in the ambient laboratory air). A method blank is analyzed at least once each day that the analytical method was used.

Equipment Blanks

Equipment blanks are samples prepared in the field by pouring deionized, distilled water into cleaned sampling equipment. The water is then collected and analyzed as a sample. The equipment blanks indicate contamination from field procedures (e.g., improperly cleaned sampling equipment, cross-contamination from improper sampling technique, ambient air contamination).

Trip Blanks

Trip blanks are samples prepared in the laboratory which are shipped with the empty sample containers and returned with the filled sample containers. Trip blanks are typically analyzed for volatile constituents only, and is used to check for potential sample cross-contamination during shipping.

BLANK SPIKES, MATRIX SPIKES AND SPIKE DUPLICATES

Blank and matrix spikes are performed in order to evaluate the efficiency of the sample extraction and analysis procedures and are necessary, as laboratory errors or equipment problems may result in inefficient sample extractions/analyses and as matrix interferences (i.e., interferences from the sample matrix - water, soil, tissue, or other) may have widely varying impact on the accuracy and precision of the sample extraction and analysis.

The matrix spike (MS) is used to check for matrix interference and is prepared by the addition of known quantities of target compounds to a field sample. The blank spike is used to check for effective performance of extractions/analyses and is prepared by the addition of known quantities of target compounds to a sample of clean matrix (e.g., water or soil).

The spiked samples are extracted and analyzed. The results are compared with the known additions. Spike recoveries are calculated to give an evaluation of the accuracy of the extraction and analysis procedures. Typically, matrix spike duplicates (MSD) are performed in order to evaluate the precision of the procedures as well as the accuracy. Spike recoveries are reviewed to check that they are within acceptable ranges as established by the laboratory according to method protocols. However, the acceptable ranges vary widely with both sample matrix and analytical method.

Matrix spike duplicate recovery results are evaluated by checking the relative percent difference (RPD) between duplicate results:

RPD = [(Result 1-Result 2)/(Average of Result 1 and Result 2)] * 100

SURROGATE SPIKES

Surrogate spikes are performed in order to evaluate the extraction efficiency and analytical accuracy for each individual sample. In contrast to matrix and blank spikes, which are performed using target compounds, surrogate spikes are prepared using compounds that are chemically similar and therefore are considered representative of the target compounds. These compounds are referred to as surrogates. The surrogate compounds are added to each sample. The recovery of the surrogates is calculated for each compound in each sample in the same way as the recovery of the matrix spikes. The results of the analyses are compared to the known spiked

concentrations to evaluate extraction and analytical performance. Acceptable surrogate spike recovery ranges are defined by the analytical methods or are generated by the laboratory according to method protocols. Acceptable ranges vary widely with both compound type and analytical method.

ELEVATED DETECTION LIMITS

Analytical equipment used in analysis of environmental samples may sometimes respond strongly to components of the sample matrix, partially or completely masking the response of the instrumentation to other compounds of interest. This is referred to as matrix interference. Matrix interference may cause difficulty and unacceptable uncertainty in the quantification of target compounds. Therefore, in the analysis of environmental samples it is sometimes necessary to dilute a sample prior to analysis to minimize matrix spike interference. Dilution may also be required due to high target analyte concentrations. However, this dilution may also mask the presence of target compounds, as the dilution results in elevated detection limits. Results of analyses of diluted samples must therefore be interpreted with caution.

FIELD DUPLICATES

Analysis of field duplicates (two complete samples collected at the same time and the same location) are used to evaluate sampling and analytical precision. Field duplicates are generally submitted to the laboratory "blind".