

BLOCK ENVIRONMENTAL SERVICES

2451 Estand Way
Pleasant Hill, CA 94523-3911
(925) 682-7200 FAX 686-0399

Alameda County

OCT 28 2002

Environmental Health

**ENVIRONMENTAL SITE ASSESSMENT
FORMER DUNNE PAINTS
OAKLAND/EMERYVILLE, CALIFORNIA**

December 11, 2000

Prepared for:

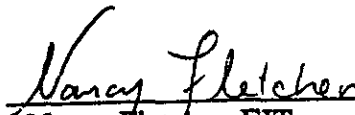
Green City Lofts
4050 Adeline Street
Emeryville, CA

Prepared by:

Block Environmental Services, Inc.
2451 Estand Way
Pleasant Hill, California 94523



Ronald M. Block, Ph.D., REA #00870
(Expires June 2001)



Nancy Fletcher, EIT
Environmental Engineer

Block Environmental Services (BES) is pleased to present you with the results of the Phase I Environmental Site Assessment conducted for the property associated with 1007 41ST Street, Oakland, CA.

SUMMARY

At the time of the Phase I environmental assessment, the subject property revealed no indication of potential contamination by the present occupants. However previous uses has resulted in contamination of the property's groundwater with total petroleum hydrocarbons (TPH) as mineral spirits. The facility and surrounding facilities have been investigated and currently a Health Risk Assessment is being prepared based on a conceptual model approved by Alameda County Health Services. In lieu of the previous investigations and pending risk assessment, further characterization of the property is not necessary.

INTRODUCTION

The Phase I site assessment prepared by BES includes a review of the historic land uses of the subject property and immediate vicinity. BES also reviewed aerial photographs and conducted personal interviews. BES also conducted a site reconnaissance with the assistance of Mr. Martin Samuels, reviewed available previous reports pertinent to the issues of an Environmental Site Assessment (ESA) including a June 1991 Blymyer Engineers Level I Environmental Site Assessment for former Dunne Paints property, a February 1999 BES Evaluation of Site Contamination and Recent Groundwater Sampling Report for ONE, Dunne Paints and California Linen, a July 2000 BES Groundwater, and a Soil, & Air Sampling Report for former Dunne Paints and ONE Color Communications, November 1988 Hunter/Gregg Underground Tank Removal Report for SEMCO at Dunne Quality Paints. Agency lists and files that are currently available through computer data bases were also reviewed. Information from these inquiries were used by BES as the basis of this ESA.

Purpose

This report is prepared in a format which is consistent with the ASTM Standard Practice for Environmental Site Assessment Process. ASTM Designation E 1527-94: This environmental assessment follows the guidelines established by the American Society for Testing and Materials (ASTM) Standard Practice manual for the Phase I environmental site assessment process. This may satisfy the requirements of "Due Diligence" under CERCLA.

Project Objectives and Scope of Work

The objective of this ESA is to evaluate the property for current and historical sources of environmental concerns, evidence of hazardous substance disposal or releases from or onto the property, evidence of environmental threats from adjacent properties, and whether further environmental testing of the property is warranted. This report meets minimum ASTM Standards for ESAs.



The walk-over investigation of the site was performed on December 8, 2000 by Ronald M. Block, REA and Nancy Fletcher, EIT. The assessment included a review of the site's current and previous occupancy and operations, a visual reconnaissance of the site property, a visual review of adjacent property uses and conditions from public right-of-ways, and a review of state and federal agency database records. In addition, the history of the usage associated with the site and adjacent property were assessed by evaluating aerial photographs, Sanborn maps, city directory listings, and by interviewing appropriate individuals that had knowledge of the Site and surrounding area.

SITE DESCRIPTION

Location and Legal Description

The site is located approximately one mile east of the San Francisco Bay on the north edge of Oakland, with the Oakland/Emeryville common boundary passing through the subject property. The site includes Assessor Parcel Numbers (APN), 12-1022-1, 12-1022-2, and 49-1022-1. The site vicinity and site location are shown in Figures 1-4.

Site Vicinity and Location

A site vicinity map is presented as Figure 1.

Site and Vicinity Characteristics

The subject property is located on property south of 41st St between Adeline and Linden Streets. The property is used for office space, storage, and commercial purposes. The subject property consists of several adjacent buildings and small sheds constructed between 1923 and 1978 (Blymyer), as well as, a paved parking lot and driveway. The property immediately to the south is a warehouse for National Upholstery CO. The surrounding properties consist of residential properties, an elementary school, a commercial laundry, and a color engraver business.

Environmental Law Violations or Liens

The following law violations and/or liens were investigated by BES.

UNKNOWN IF CURRENT ENVIRONMENTAL LAW VIOLATIONS OR LIENS ARE ON PROPERTY OWNER

The assessor could not determine if, at the time of inspection, there are any current violations of enforced environmental laws or environmental liens regarding this site placed on the owner of this property.

UNKNOWN IF PAST ENVIRONMENTAL LAW VIOLATIONS OR LIENS ARE ON PROPERTY OWNER

The assessor could not determine if, at the time of inspection, there are any past violations of enforced environmental laws or environmental liens regarding this site placed on the owner of this property.

Although the assessor could not determine if there were any past or present environmental laws or liens on the property owner, historical and present use of the property would indicate that it is doubtful that such violations did exist or currently exist.

Current Uses of Property

The property is divided into several adjacent buildings with a paved parking lot bordering Adeline Street attached to a paved driveway on the southern portion of the property. A two story building used as office space for a software company, M-Code is located at the western portion of the property facing Adeline St. Attached to the office building is warehouse space. Green City Development Group uses the space for a mailing address. Adjacent to the warehouse is storage space used by a construction company, West Mac Builders. Office space bordering 41st St is occupied by Spam Records. Commercial space bordering the Eastern portion of the property is currently leased to a small printing business, Icon Press, with printing areas extending behind the neighboring office space. Property and current tenants are shown in Figure 4.

Past Uses of Property

The property was used by Dunne Paints for paint manufacturing from 1923 until the early 1990s. A retail store owned by Dunne was added in the 1980s. Site activities included paint manufacturing, latex manufacturing and blending, varnish production, warehouse space, and office space. Locations are shown in Figure 2. After Dunne Paints ceased activity the property was occupied by a silk screen business (Cynder Block), poster print business, and a furniture refurbisher (Top Coat). The retail store was converted to office space used by a large appliance distributor, LCI. LCI used warehouse space to receive and store large appliances before they were shipped to a purchaser.

Current and Past Uses of Adjoining Properties

The area surrounding the subject property is a mix of commercial, light industrial, and residential properties. Currently, the property to the north across 41st street includes residences and ONE Color Communications, a printing company. Property to the east include California Linen Rental which has operated a linen supply rental service and commercial laundry at this location since October 1924. Directly south of California Linen Rental are residences. The property South of the include National Upholstering Co., which refurbishes furniture, warehouse space, and a natural foods grocery store. East of the property across Adeline St., is primarily residential. There is an elementary school on the corner to the northwest of the property.

Neighborhood Profile

Status: Gasoline or Diesel (06/11/1990)

Site Enforcement Tacking System (SETS)

The subject property was not found on the SETS list. There was one listing of other properties within the half mile qualifying distance to the subject site. When expending Superfund monies at a CERCLA site, EPA must conduct a search to identify parties with potential financial responsibility for remediation of uncontrolled hazardous w sites. EPA regional Superfund Waste Management Staff issue a notice to the potentially responsible party. The status field contains the EPA ID number and name of the site where the actual pollution occurred.

Site: VANGUARD/FLECTO COATINGS LTD.
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 within 1/4 mile N of the subject property

Enforcement Docket System (DOCKET)/Consent Tracking System (CDETS)

The subject property was not on the DOCKET or CDETS lists. There were no listings of other properties within the quarter mile qualifying distance to the subject site. The DOCKET tracks civil judicial cases Against environmental polluters, while CDETS possesses court settlements, called consent decrees.

Criminal Docket System (C-DOCKET)

The subject property was not on the C-DOCKET list. There were no listings of other properties within the quarter mile qualifying distance to the subject site. The criminal Docket System is a comprehensive automated system for tracking criminal enforcement actions. C-Docket handles data for all environmental statues and tracks enforcement actions from the initial stages of investigations through conclusion.

Resource Conservation and Recovery Act Violators List (CORRACTS)

The subject property was not found on the CORRACTS list. There were seven listings located within the one mile qualifying distance of the subject site. CORRACTS includes information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined under RCRA. The data base known as the Corrective Action report is an evaluation of potential violations, ranging from manifest requirements to hazardous waste discharges. This list is maintained by the US EPA.

Site: FLECTO CO THE INC
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 within 1/4 mile N of the subject property

Site: EAST BAY FIXTURE CO
 Address: 941 AILEEN ST
 City: OAKLAND
 Map Loc: 90 within 1/2-3/4 mile N of the subject property

Site: TECHNICHEM, INC
 Address: 4245 HALLECK ST
 City: EMERYVILLE
 Map Loc: 94 within 3/4-1 mile W of the subject property

Site: AMERICAN BIO NUCLEAR
 Address: 4560 HORTON ST
 City: EMERYVILLE
 Map Loc: 93 within 1/2-3/4 mile W of the subject property

Site: ZERO WASTE SYSTEMS, INC
 Address: 2928 POPLAR ST
 City: OAKLAND
 Map Loc: 95 within 3/4-1 mile SW of the subject property

Site: GMC TRUCK & COACH DIVISION
 Address: 3800 SAN PABLO AVE
 City: OAKLAND
 Map Loc: 42 within 1/4 mile SW of the subject property

Site: PFZIR INC
 Address: 4650 SHELLMOUND ST
 City: EMERYVILLE
 Map Loc: 97 within 3/4-1 mile W of the subject property

Federal Enforcement Dockets (FD)

The subject property was not found on the FD list. There were no listings of other properties located within the quarter mile qualifying distance to the subject site. The US EPA, Office of Enforcement, maintains a list of sites under the enforcement of the US EPA.

California State Resources Subject Property and nearby properties.

Annual Work Plan (AWP)

The subject property was not on the AWP list. Two nearby properties were on the California AWP (equivalent to the National Priorities List), within the list's qualifying radius of 1.0 mile (1.6

Km). The list is maintained by the California EPA, Department of Toxic Substance Control. The plan identifies California hazardous waste sites targeted for cleanup by responsible parties. The list was formerly known as the Bond Expenditure Plan.

Site: BARBARY COAST STEEL
 Address: 4300 EASTSHORE HWY
 City: EMERYVILLE
 Map Loc: 98 within 3/4- 1 mile W of the subject property
 Status: WATER TRANSPORTATION

Site: MYERS CONTAINER CORPORATION
 Address: 4500 SHELLMOUND ST
 City: EMERYVILLE
 Map Loc: 96 within 3/4-1 mile W of the subject property
 Status: FABRICATED METAL PRODUCTS

Cal-Sites

Cal-Sites is a database of facilities which contain both known or potential hazardous substances. The database is maintained by the California Department of Toxic Substance Control. Information on the Cal-Sites lists should be considered preliminary. The listed Cal-Sites facilities are ranked by the Department of Toxic Substance Control in accordance with Section 25359.6 of the California Health and Safety Code. The subject property was not identified on this list. The qualifying radius for these sites is 1 mile from the subject property. Two listings were identified within the qualifying radius of 1/2 mile.

Site: AC TRANSIT- EMERYVILLE
 Address: 45TH & SAN PABLO AVE
 City: EMERYVILLE
 Map Loc: 52 within 1/4 mile NW of the subject property
 Status: LOCAL & INTERURBAN PASSENGER TRANSIT

Site: RANSOME COMPANY
 Address: 4030 HOLLIS ST
 City: EMERYVILLE
 Map Loc: 92 within 1/4-1/2 mile W of the subject property
 Status: HEAVY CONSTRUCTION, EXCEPT BUILDING

Cal-Sites-No Further Action

This section includes the sites on the Cal-Site list, which have been identified as "requiring no further action" by the Department of Toxic Substance Control in accordance with Section 25359.6 of the California Health and Safety Code. The subject property was not identified on this list. Three listings were identified within the qualifying radius of a quarter mile.

Site: FLECTO INTERNATIONAL
 Address: 1000 45TH ST
 City: OAKLAND
 Map Loc: 22 within 1/4 mile N of the subject property

Site: OLIVIA RECORDS
 Address: 4400 MARKET ST
 City: OAKLAND
 Map Loc: 37 within 1/4 mile NE of the subject property

Site: PACIFIC TYPOGRAPHIC
 Address: 1094 YERBA BUENA AVE
 City: EMERYVILLE
 Map Loc: 18 within 1/4 mile SW of the subject property

Cortese List.

The Cortese List is maintained by the California EPA and represents those facilities which have detectable levels of contamination or a reportable release and have been selected for remedial action. Also included on the list are public drinking water wells with detectable levels of contamination, sites with known toxic material identified through the abandoned site assessment program, sites with UST, sites having a reportable release and for all solid waste disposal facilities from which there is known migration. The subject property was not identified on the Cortese list. No sites were identified on this database within the half mile qualifying distance from the subject property.

State Leaking Underground Storage List (LUST)

The subject property was identified on the Leaking Underground Storage Tank (UST) List. There were a total of 45 listings within the half mile qualifying distance the subject site. USTs are regulated under Subtitle I of the RCRA and Section 25295 of the California Health and Safety Code. The data is maintained by the State Water Resources Control Board.

Site: OAKLAND FIRE STATION #5
 Address: 934 34TH ST
 City: OAKLAND
 Map Loc: 75 within 1/4 -1/2 mile S of the subject property
 Status: 9- Case Closed

Site: DOUGCO I NC
 Address: 1073 34TH ST
 City: OAKLAND
 Map Loc: 77 within 1/4 -1/2 mile S of the subject property

Status: 3B -Preliminary Site Assessment Underway

Site: HEMSATH DRAYAGE
Address: 1350 34TH ST
City: OAKLAND
Map Loc: 83 within 1/4-1/2 mile SW of the subject property
Status: 9- Case Closed

Site: RD MINER COMPANY
Address: 75 37TH ST
City: OAKLAND
Map Loc: 82 within 1/4 -1/2 mile SE of the subject property
Status: 1 -Leak Being Confirmed

Site: FIDELITY ROOF COMPANY
Address: 1075 40TH ST
City: OAKLAND
Map Loc: 10 within 1/4 mile SW of the subject property
Status: 7 -Remedial Action Underway

Site: CALIFORNIA LINEN RENTAL
Address: 989 41ST ST
City: OAKLAND
Map Loc: 8 within 1/4 mile E of the subject property
Status: 3B- Preliminary Site Assessment Underway

Site: BOYSEN PAINT
Address: 1001 41ST ST
City: EMERYVILLE
Map Loc: 3 within 1/4 mile E of the subject property
Status: 3A -Preliminary Site Assessment Workplan Submitted

Site: DUNNE QUALITY PAINTS
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1-the subject SITE
Status: 3B-Preliminary Site Assessment Underway

Site: OAKLAND NATIONAL ENGRAVERS
Address: 1001 42ND ST
City: OAKLAND
Map Loc: 5 within 1/4 mile NE of the subject property
Status: 9 -Case Closed

Site: FLECTO COMPANY
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 within 1/4 mile N of the subject property
Status: 3A -Preliminary Site Assessment Workplan Submitted

Site: AC TRANSIT
Address: 1140 45TH ST
City: EMERYVILLE
Map Loc: 63 within 1/4 mile W of the subject property
Status: 5C -Pollution Characterization

Site: INTERSTATE BRANDS CORP FACILITY
Address: 945 53RD ST
City: OAKLAND
Map Loc: 59 within 1/4 -1/2 mile N of the subject property
Status: 1 -Leak Being Confirmed

Site: CITY OF PARIS CLEANERS
Address: 3516 ADELINE ST
City: OAKLAND
Map Loc: 74 within 1/4-1/2 mile SW of the subject property
Status: 3B -Preliminary Site Assessment Underway

Site: OWENS MORTGAGE INVESTMENT FUND
Address: 3623 ADELINE ST
City: EMERYVILLE
Map Loc: 55 within 1/4 mile SW of the subject property
Status: 9 -Case Closed

Site: RED TOP ELECTRIC INC
Address: 4377 ADELINE ST
City: EMERYVILLE
Map Loc: 15 -within 1/4 mile N of the subject property
Status: 3B -Preliminary Site Assessment Underway

Site: CITY WOOD
Address: 3423 HARLAN ST
City: OAKLAND
Map Loc: 78 within 1/4-1/2 mile SW of the subject property
Status: 9 Case Closed

Site: BAY AREA WAREHOUSE
Address: 4001 HOLLIS ST

City: EMERYVILLE
 Map Loc: 89 within 1/4-1/2 mile W of the subject property
 Status: 3B-Preliminary Site Assessment Underway

Site: BASHLAND INC
 Address: 4015 HOLLIS ST
 City: EMERYVILLE
 Map Loc: 86 within 1/4-1/2 mile W of the subject property
 Status: 3B-Preliminary Site Assessment Underway

Site: RANSOME COMPANY
 Address: 4030 HOLLIS ST
 City: EMERYVILLE
 Map Loc: 86 within 1/4-1/2 mile W of the subject property
 Status: 9 -Case Closed

Site: DEL MONTE PLANT #35
 Address: 4202 HOLLIS ST
 City: EMERYVILLE
 Map Loc: 91 within 1/4-1/2 mile W of the subject property
 Status: 5C -Pollution Characterization

Site: ARCO
 Address: 731 W MAC ARTHUR BLVD
 City: OAKLAND
 Map Loc: 80 within 1/4 -1/2 mile SE of the subject property
 Status: 7 -Remedial Action Underway

Site: BLAZIC INDUSTRIAL BUILDING
 Address: 1016 W MAC ARTHUR BLVD
 City: OAKLAND
 Map Loc: 34 within 1/4 mile SW of the subject property
 Status: 9 -Case Closed

Site: SAN FRANCISCO FRENCH BREAD COM
 Address: 3924 MARKET ST
 City: OAKLAND
 Map Loc: 28 within 1/4 mile SE of the subject property
 Status: 3B-Preliminary Site Assessment Underway

Site: ARCO
 Address: 4401 MARKET ST
 City: OAKLAND
 Map Loc: 41 within 1/4 mile NE of the subject property

Status: 3B-Preliminary Site Assessment Underway

Site: GROVE STREET WASH RACK
Address: 3884 MARTIN LUTHER KING JR WAY
City: OAKLAND
Map Loc: 87 within 1/4-1/2 mile E of the subject property
Status: 3B-Preliminary Site Assessment Underway

Site: BART PROPERTY
Address: 3924 MARTIN LUTHER KING JR WAY
City: OAKLAND
Map Loc: 85 within 1/4-1/2 mile E of the subject property
Status: 9 -Case Closed

Site: PEPSI COLA COMPANY
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 within 1/4 mile W of the subject property
Status: 7 -Remedial Action Underway

Site: PARK AVENUE PROPERTY
Address: 1199 PARK AVE
City: EMERYVILLE
Map Loc: 60 within 1/4 mile W of the subject property
Status: 1 -Leak Being Confirmed

Site: GEROW PROPERTIES
Address: 1255 PARK AVE
City: EMERYVILLE
Map Loc: 60 within 1/4-1/2 mile W of the subject property
Status: 9 -Case Closed

Site: EMERYVILLE CITY OF
Address: 1333 PARK AVE
City: EMERYVILLE
Map Loc: 84 within 1/4-1/2 mile W of the subject property
Status: 3B-Preliminary Site Assessment Underway

Site: CLAWSON HIGH SCHOOL
Address: 3420 PERALTA ST
City: OAKLAND
Map Loc: 88 within 1/4-1/2 mile SW of the subject property
Status: 9 -Case Closed



Site: FG GASOLINE
Address: 3314 SAN PABLO AVE
City: OAKLAND
Map Loc: 71 within 1/4-1/2 mile S of the subject property
Status: 5C -Pollution Characterization

Site: THRIFTY OIL
Address: 3400 SAN PABLO AVE
City: OAKLAND
Map Loc: 79 within 1/4-1/2 mile S of the subject property
Status: 5C -Pollution Characterization

Site: SHELL
Address: 3420 SAN PABLO AVE
City: OAKLAND
Map Loc: 73 within 1/4-1/2 mile S of the subject property
Status: 5C -Pollution Characterization

Site: CAHON ASSOCIATES INC
Address: 3501 SAN PABLO AVE
City: OAKLAND
Map Loc: 64 within 1/4-1/2 mile S of the subject property
Status: 9 -Case Closed

Site: CELIS SEVICE STATION
Address: 4000 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 27 within 1/4 mile W of the subject property
Status: 3A-Preliminary Site Assessment Workplan Submitted

Site: SAN FRANCISCO FRENCH BREAD COM
Address: 4070 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 23 within 1/4 mile W of the subject property
Status: 3B-Preliminary Site Assessment Underway

Site: EMERYVILLE REDEVELOPMENT AGENCY
Address: 4300 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 35 within 1/4 mile W of the subject property
Status: 9 -Case Closed

Site: EMERYVILLE FIRE REDEVELOPMENT
Address: 4331 SAN PABLO

City: EMERYVILLE
 Map Loc: 40 within 1/4 mile NW of the subject property
 Status: 1 -Leak Being Confirmed

Site: STANDARD BRANDS PAINT
 Address: 4343 SAN PABLO AVE
 City: EMERYVILLE
 Map Loc: 44 within 1/4 mile NW of the subject property
 Status: 9 -Case Closed

Site: BERKELEY FARMS
 Address: 4550 SAN PABLO
 City: EMERYVILLE
 Map Loc: 62 within 1/4 mile NW of the subject property
 Status: 1 -Leak Being Confirmed

Site: BERKELEY FARMS
 Address: 4575 SAN PABLO
 City: EMERYVILLE
 Map Loc: 53 within 1/4 mile NW of the subject property
 Status: 3B-Preliminary Site Assessment Underway

Site: VACANT LOT
 Address: 4800 SAN PABLO AVE
 City: EMERYVILLE
 Map Loc: 67 within 1/4-1/2 mile NW of the subject property
 Status: 8 -Post Remedial Action Monitoring

Site: PARINA ENTERPRISES
 Address: 5433 SAN PABLO AVE
 City: OAKLAND
 Map Loc: 81 within 1/4-1/2 mile NW of the subject property
 Status: 1 -Leak Being Confirmed

Site: NEIGHBORHOOD LAUNDROMAT
 Address: 3838 WEST ST
 City: OAKLAND
 Map Loc: 70 within 1/4-1/2 mile SE of the subject property
 Status: 3B-Preliminary Site Assessment Underway

Solid Waste Information System (SWIS)

The subject property was not on the SWIS. There were no listings of other properties within the one mile qualifying distance the subject site. The list consist of active , inactive and closed solid

waste disposal and transfer facilities. The list (Solid Waste Information System) is maintained by the California Solid Waste Board.

Well Investigation Program (WIP)

The WIP identifies contaminated groundwater and allows the California Department Services to establish monitoring programs aimed at protecting drinking water. The subject property was not identified on this list. Nearby properties were not identified on this list within the one mile qualifying distance.

Drinking water Program

The State Department of Health Services compiles information on the quality of public drinking water wells under the California Drinking Program. There were no public drinking wells containing water exceeding maximum standards for contaminants before treatment on the property or surrounding properties within a half mile qualifying distance.

Regional Resources
Subject Property and nearby properties

Toxic Release

Toxic releases to the environment are tracked by The California Regional Water Quality Control Boards or local Department of Health Services. The subject property was included on the list, as well as, the following listings.

Site: OAKLAND NATIONAL ENGRAVERS
Address: 41ST & ADELINE
City: OAKLAND
Map Loc: 11 within 1/4 mile W of the subject property

Site: DUNN QUALITY PAINTS
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 the subject property

Site: OAKLAND NATIONAL ENGRAVING INC
Address: 1001 42ND ST
City: OAKLAND
Map Loc: 5 within 1/4 mile N of the subject property

Site: REDEVELOPMENT AGENCY
Address: 1056 46TH ST
City: EMERYVILLE

Map Loc: 32 within 1/4 mile N of the subject property

Site: 1056 48TH ST

Address: 1056 48TH ST

City: EMERYVILLE

Map Loc: 65 within 1/4 -1/2 mile NW of the subject property

Site: DEL MONTE PLANT 35

Address: 1250 PARK AVE

City: EMERYVILLE

Map Loc: 69 within 1/4-1/2 mile W of the subject property

Toxic Pits (TPC)

The Toxic Pits Clean-Up Act (Katz Bill) limits the discharge of wastes into surface impoundments, toxic ponds, pits and lagoons. The Regional Water Control Board are required to inspect all surface impoundments annually. Facilities are required to file a Hydrogeological Assessment Report. Exemptions are issued for impoundments receiving mining waste. The subject property was not listed. There were no listings within the one mile qualifying distance.

Solid Waste Assessment Test (SWAT)

Disposal sites with more than 50,000 cubic yards of waste are required to provide information to the Regional Water Quality Control Board on the surface and groundwater quality and supply, and the geology of the site to determine if the site discharges hazardous substances impacting the environment. Air quality tests are also required to be submitted to the local Air Quality Management District. The qualifying distant for this list is a one mile radius from the subject property. One facility was on this list.

Site: THERM-TEC OF CALIFORNIA

Address: 4000 HARLAN ST, 01S/03W

City: EMERYVILLE

Map Loc: 72 within 1/4-1/2 mile W of the subject property

Operating Permits

The handling, movement, storage and disposal of hazardous material require reporting and operating permits issued by different agencies. Inclusion on a list does not necessarily imply an environmental problem exists.

Resource Conservation and Recovery Information System- Generators

Generators of hazardous waste are regulated by the Environmental Protection Agency through

the Resource Conservation and recovery Act. An EPA Form 8700-12, required for submission to the EPA, identifies the specific waste activities of the facilities. The subject property is not considered a generator. The following facilities within a 1/4 mile radius are listed as hazardous waste generators.

Site: PRECISION MOTORS
Address: 1054 39TH ST
City: EMERYVILLE
Map Loc: 20 within 1/4 mile SW of the subject property
Status: S -Small Generator
Permit id #: CAD983654138

Site: FIDELITY ROOF CO
Address: 1075 40TH ST
City: OAKLAND
Map Loc: 10 within 1/4 mile SW of the subject property
Status: S -Small Generator
Permit id #: CAD982442873

Site: DUNN FRANK W COMPANY
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 the subject property
Status: S -Small Generator
Permit id #: CAD009778597

Site: BOYSEN PAINTS
Address: 42ND & LINDEN
City: OAKLAND
Map Loc: 6 within 1/4 mile NE of the subject property
Status: S -Small Generator
Permit id #: CAD041321910

Site: KP CORPORATION OAKLAND
Address: 1000 43RD ST
City: OAKLAND
Map Loc: 13 within 1/4 mile N of the subject property
Status: S -Small Generator
Permit id #: CAR000016493

Site: FLETCHER CO THE INC
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 within 1/4 mile N of the subject property

Status: S --Small Generator
Permit id #: CAD009140054

Site: H BECK SVC & REPAIR
Address: 1040 APGAR ST
City: EMERYVILLE
Map Loc: 30 within 1/4 mile SW of the subject property
Status: S --Small Generator
Permit id #: CAD981573579

Site: R&W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 within 1/4 mile SW of the subject property
Status: S --Small Generator
Permit id #: CAD981999915

Site: AMERICAN RUBBER MFG CO
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 within 1/4 mile W of the subject property
Status: S --Small Generator
Permit id #: CAD981686397

Site: GMC TRUCK & COACH DIVISION
Address: 3800 SAN PABLO AVE
City: OAKLAND
Map Loc: 42 within 1/4 mile SW of the subject property
Status: S --Small Generator
Permit id #: CAD040023855

Resource Conservation and Recovery Information System – Treatment, Storage & Disposal

Treatment, Storage and Disposal hazardous waste is regulated by the Environmental Protection Agency through the Resource Conservation and recovery Act. An EPA Form 8700-12, required for submission to the EPA, identifies the specific waste activities of the facilities. The subject property is not considered a generator. No facilities were listed within the one mile radius range searched.

SARA Title III, section 313 (TRIS)

Owners or operators of facilities with more than 10 employees listed under Standard Industrial Classification (SIC) Codes 20 – 39 are required under the Community Right-to-Know Act of 1986 to report the manufacturing , processing or use of more than a threshold limit of a chemical



listed under section 313. The subject property is listed on the data base. Two other facilities within a 1/2 mile radius are listed.

Site: FRANK W DUNNE CO
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 the subject property

Site: FLETCO CO. INC
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 within 1/4 mile N of the subject property

Site: PEPSI-COLA CO.
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 within 1/4 mile W of the subject property

Nuclear Regulatory Commission Licensees

All nuclear facilities and activities including the import or export of nuclear material are mandated by the Nuclear Regulatory Commission, Office of nuclear Material Safety and Safeguards. The office is responsible for licensing, inspecting, and issuing environmental impact assessments to protect public health and safety. The subject property was not identified on this list. The qualifying radius for these sites is 1/2 mile from the subject property. No listings were identified within the qualifying radius of 1 mile.

PCB Waste Handlers Database

All PCB generators, transporters, commercial stores, brokers, and disposers of PCB's are tracked in a database by the Environmental Protection Agency in accordance with the Toxic Substance Control Act. The subject property was not listed. No facilities within the 1/4 mile qualifying radius were listed.

Permit Compliance System (PCS)

Facilities holding permits for a national Pollutant Discharge Elimination System are tracked on a database developed by the U.S. Environmental Protection Agency to comply with information programs under the Clean Water Act. The subject property is not listed in the database. No facilities are within a 1/4 mile qualifying radius.

AIRS Facility System (AFS)

Air pollution point sources are tracked by regulatory agencies. Mandatory reporting is required



for seven 'criteria pollutants': PM10 (particulate matter less than 10 microns in size) carbon monoxide, sulfur dioxide, nitrogen dioxide, lead, reactive volatile organic compounds, and ozone. The subject property is listed in the AFS database. Two other properties are listed within the qualifying 1/4 mile radius of the site.

Site: FRANK W DUNNE CO
 Address: 1007 41ST ST
 City: OAKLAND
 Map Loc: 1 the subject property
 Status: Permit id#: CAD009118597

Site: FLETCO CO. INC
 Address: 1000 45TH ST
 City: OAKLAND
 Map Loc: 22 within 1/4 mile N of the subject property
 Status: Permit id#: CAD009140054

Site: ACS AB HAZARD MGR
 Address: 1033 YERBA BUENA AVE
 City: EMERYVILLE
 Map Loc: 14 within 1/4 mile SW of the subject property
 Status: Permit id#: CAD983568130

Section Seven Tracking System (SSTS)

This database tracks facilities producing pesticides particularly the types and amounts of pesticides, active ingredients, and devices sold or produced. The subject property is not listed in the AFS database. One property is listed within the qualifying 1 mile radius of the site.

Site: FLETCO CO. INC
 Address: 1000 45TH ST
 City: OAKLAND
 Map Loc: 22 within 1/4 mile N of the subject property
 Status: Permit id#: CAD009140054

FIFRA/ TSCA Tracking System/ National Compliance Database (FTTS/NCDB)

This database supports the implementation of the Federal Insecticide, Fungicide and Rodenticide Control Act (FIFRA) and the Toxic Substance Control Act (TSCA). The subject property is not listed in the AFS database. No properties within the qualifying 1/4 mile radius of the site are listed.

Federal Facilities Information System (FFIS)

All Treatment Storage and Disposal Facilities owned and operated by federal Agencies are listed on the Federal Facilities Information System. The subject property is not listed in the AFS database. No properties within the qualifying 1/4 mile radius of the site are listed.

Chemicals in Commerce Information System (CICIS)

Chemicals in Commerce Information System allows the EPA to compile listings of over 70,000 chemical substances which are manufactured or imported and regulated by the Toxic Substances Control Act. The subject property is not listed in the AFS database. No properties are listed within the qualifying 1/4 mile radius of the site.

FINDS EPA Facility Index System

The Environmental Protection Agency has indexed all facilities which are regulated or assigned an identification number. The subject property is not listed. The only facility listed which has not been already identified follows.

Site: PEPSI COLA BOTTLING COMPANY
 Address: 1150 PARK AVE
 City: EMERYVILLE
 Map Loc: 43 within 1/4 mile W of the subject property
 Status: Permit id#: CAD983579186

Hazardous Waste Information System

The movement and disposal of hazardous waste is tracked by the Department of Toxic Substance Control. The information is used to support the Tanner legislation, AB 2948. The subject property is listed, along with the following properties within the qualifying 1/4 mile radius.

Site: FOREIGN AUTO WORKS
 Address: 1025 39TH ST
 City: OAKLAND
 Map Loc: 17 within 1/4 mile S of the subject property
 Status: EPA ID#: CAL912745258

Site: PRECISION MOTORS
 Address: 1054 39TH ST
 City: EMERYVILLE
 Map Loc: 20 within 1/4 mile SW of the subject property
 Status: EPA ID#: CAD983654138

Site: GAMMILL, VINCENT
 Address: 1070 40TH ST
 City: OAKLAND

Map Loc: 4 within 1/4 mile SE of the subject property
Status: EPA ID#: CAC000243385

Site: FIDELITY ROOF CO
Address: 1075 40TH ST
City: OAKLAND
Map Loc: 10 within 1/4 mile SW of the subject property
Status: EPA ID#: CAD982442873

Site: R S HUGHES COMPANY INC
Address: 1076 40TH ST
City: OAKLAND
Map Loc: 7 within 1/4 mile SW of the subject property
Status: EPA ID#: CAL000004632

Site: GROW GROVE
Address: 41ST & LINDEN ST
City: EMERYVILLE
Map Loc: 9 within 1/4 mile W of the subject property
Status: EPA ID#: CAC000261689

Site: DUNNE FRANK W COMPANY
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 the subject property
Status: EPA ID#: CAD009118597

Site: WEST MAC BUILDERS
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 the subject property
Status: EPA ID#: CAC000856232

Site: ROCKRIDGE WAREHOUSE
Address: 1010 41ST ST
City: EMERYVILLE
Map Loc: 2 within 1/4 mile N of the subject property
Status: EPA ID#: CAL000006975

Site: BOYSEN PAINTS
Address: 42ND & LINDEN ST
City: OAKLAND
Map Loc: 6 within 1/4 mile NE of the subject property
Status: EPA ID#: CAD041321910



Site: BOYSEN PAINTS
Address: 1001 42ND ST
City: OAKLAND
Map Loc: 5 within 1/4 mile NE of the subject property
Status: EPA ID#: CAC000891232

Site: OAKLAND NATIONAL ENGRAVING CO
Address: 1001 42ND ST
City: OAKLAND
Map Loc: 5 within 1/4 mile NE of the subject property
Status: EPA ID#: CAD000327403

Site: K-P GRAPHICS
Address: 1000 43RD ST
City: OAKLAND
Map Loc: 13 within 1/4 mile N of the subject property
Status: EPA ID#: CAL912564124

Site: FLECTO COMPANY THE INC
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 within 1/4 mile N of the subject property
Status: EPA ID#: CAD009140054

Site: AC TRANSIT
Address: 1140 45TH ST
City: EMERYVILLE
Map Loc: 63 within 1/4 mile W of the subject property
Status: EPA ID#: CAX000047530

Site: CONTINENTAL BAKING COMPANY
Address: 1010 46TH ST
City: OAKLAND
Map Loc: 24 within 1/4 mile N of the subject property
Status: EPA ID#: CAL000013321

Site: KARLESKINT-CRUM INC.
Address: 47TH & ADELIN ST
City: EMERYVILLE
Map Loc: 46 within 1/4 mile N of the subject property
Status: EPA ID#: CAC000557456

Site: PETERSON'S PROPERTIES



Address: 1066 47TH ST
City: OAKLAND
Map Loc: 47 within 1/4 mile NW of the subject property
Status: EPA ID#: CAC000122253

Site: AMBASSADOR PARTNERSHIP LTD
Address: 3623 ADELINE ST
City: EMERYVILLE
Map Loc: 55 within 1/4 mile SW of the subject property
Status: EPA ID#: CAC000074645

Site: CARLOS AUTO PAINTING
Address: 3969 ADELINE ST
City: EMERYVILLE
Map Loc: 16 within 1/4 mile SW of the subject property
Status: EPA ID#: CAL000024127

Site: MCINERNEY, JOHN
Address: 3969 ADELINE ST
City: EMERYVILLE
Map Loc: 16 within 1/4 mile SW of the subject property
Status: EPA ID#: CAC000681088

Site: NATIONAL UPHOLSTERING COMPANY
Address: 4000 ADELINE ST
City: EMERYVILLE
Map Loc: 12 within 1/4 mile SW of the subject property
Status: EPA ID#: CAL000020419

Site: RED TOP ELECTRIC INC
Address: 4377 ADELINE ST
City: EMERYVILLE
Map Loc: 15 within 1/4 mile N of the subject property
Status: EPA ID#: CAC000637784

Site: H BECK SVC & REPAIR
Address: 1040 APGAR ST
City: EMERYVILLE
Map Loc: 30 within 1/4 mile SW of the subject property
Status: EPA ID#: CAD981573579

Site: BECK BMW SERVICE AND REPAIR
Address: 140 APGAR ST
City: EMERYVILLE

Map Loc: 30 within 1/4 mile SW of the subject property
Status: EPA ID#: CAX000058487

Site: CHEVRON STATION #92029
Address: 890 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 48 within 1/4 mile SE of the subject property
Status: EPA ID#: CAL000031242

Site: R & R AUTOMOTIVE
Address: 970 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 31 within 1/4 mile S of the subject property
Status: EPA ID#: CAD041321910

Site: BLAZIC INDUSTRIAL BALANCING
Address: 1016 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 34 within 1/4 mile SW of the subject property
Status: EPA ID#: CAC000840232

Site: R&W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 within 1/4 mile SW of the subject property
Status: EPA ID#: CAD981999915

Site: R&W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 within 1/4 mile SW of the subject property
Status: EPA ID#: CAX000242693

Site: SCOTT ATTHOWE
Address: 3924 MARKET ST
City: OAKLAND
Map Loc: 28 within 1/4 mile SE of the subject property
Status: EPA ID#: CAC000870248

Site: SAN FRANCISCO FRENCH BREAD COMPANY
Address: 3924 MARKET ST
City: OAKLAND
Map Loc: 28 within 1/4 mile SE of the subject property
Status: EPA ID#: CAC000710208

Site: DAMELE, GIUSEPPINA
Address: 4401 MARKET ST
City: OAKLAND
Map Loc: 41 within 1/4 mile NE of the subject property
Status: EPA ID#: CAC000267329

Site: THE VAN CATLIN CONSTRUCTION CO
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 within 1/4 mile W of the subject property
Status: EPA ID#: CAC000074997

Site: DALZELL CORP
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 within 1/4 mile W of the subject property
Status: EPA ID#: CAC000005413

Site: AMERICAN RUBBER MFG CO
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 within 1/4 mile W of the subject property
Status: EPA ID#: CAD981686397

Site: PEPSI COLA-KEN-SHOP
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 within 1/4 mile W of the subject property
Status: EPA ID#: CAL000019242

Site: PEPSI COLA
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 within 1/4 mile W of the subject property
Status: EPA ID#: CAL000013171

Site: NEW LOGIC INTERNATIONAL INC
Address: 1155 PARK AVE
City: EMERYVILLE
Map Loc: 49 within 1/4 mile W of the subject property
Status: EPA ID#: CAL000078427

Site: ATTIVO CONFECTIONS

Address: 1165 PARK AVE
City: EMERYVILLE
Map Loc: 56 within 1/4 mile W of the subject property
Status: EPA ID#: CAD982513822

Site: FOLKMANIS INC
Address: 1219 PARK AVE
City: EMERYVILLE
Map Loc: 66 within 1/4-1/2 mile W of the subject property
Status: EPA ID#: CAC000526280

Site: JESSUP INC.
Address: SAN PABLO & ADELINE ST
City: EMERYVILLE
Map Loc: 33 within 1/4 mile SW of the subject property
Status: EPA ID#: CAX000021980

Site: PRECISION AUTO TRANSMISSION
Address: 3631 SAN PABLO AVE
City: OAKLAND
Map Loc: 50 within 1/4 mile SW of the subject property
Status: EPA ID#: CAL000010626

Site: GMC TRUCK & COACH DIVISION
Address: 3800 SAN PABLO AVE
City: OAKLAND
Map Loc: 42 within 1/4 mile SW of the subject property
Status: EPA ID#: CAD040023855

Site: TONY'S MEXICO
Address: 4000 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 27 within 1/4 mile W of the subject property
Status: EPA ID#: CAD982009268

Site: TEXACO CELIS STATION
Address: 4000 SAN PABLO AVE
City: OAKLAND
Map Loc: 27 within 1/4 mile W of the subject property
Status: EPA ID#: CAL000057725

Site: CECIS TEXACO STATION
Address: 4000 SAN PABLO AVE
City: OAKLAND

Map Loc: 27 within 1/4 mile W of the subject property
Status: EPA ID#: CAL000018839

Site: S F FRENCH BREAD PRODUCTS
Address: 4070 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 23 within 1/4 mile W of the subject property
Status: EPA ID#: CAD982333239

Site: EMERYVILLE REDEVELOPMENT AG
Address: 4300 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 35 within 1/4 mile W of the subject property
Status: EPA ID#: CAC000633328

Site: CITY OF EMERYVILLE/ REDEV AGCY
Address: 4320 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 39 within 1/4 mile W of the subject property
Status: EPA ID#: CAC000295489

Site: BERKELEY FARMS INC
Address: 4550 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 62 within 1/4 mile NW of the subject property
Status: EPA ID#: CAX000224642

Site: REGGIE JACKSON
Address: 4057 WATTS ST
City: EMERYVILLE
Map Loc: 58 within 1/4 mile W of the subject property
Status: EPA ID#: CAX000084764

Site: CA COMMUNICATIONS
Address: 4063 WATTS ST
City: EMERYVILLE
Map Loc: 61 within 1/4 mile W of the subject property
Status: EPA ID#: CAL000000193

Site: ERIC SCHMIER
Address: 1033 YERBA BUENA AVE
City: EMERYVILLE
Map Loc: 14 within 1/4 mile SW of the subject property
Status: EPA ID#: CAC000790464

Site: BAY COUNTIES SERVICE STATION
 Address: 1096 YERBA BUENA AVE
 City: EMERYVILLE
 Map Loc: 19 within 1/4 mile SW of the subject property
 Status: EPA ID#: CAC000646728

Site: SANTE FE PACIFIC REALTY
 Address: 1268 YERBA BUENA AVE
 City: EMERYVILLE
 Map Loc: 57 within 1/4 mile SW of the subject property
 Status: EPA ID#: CAX000054890

Site: WESTRANSCO FREIGHT CO.
 Address: 1270 YERBA BUENA AVE
 City: EMERYVILLE
 Map Loc: 57 within 1/4 mile SW of the subject property
 Status: EPA ID#: CAX000054890

Permitted Underground Storage Tanks (USTs)

All underground storage tanks required registration with the State Water Quality Control Board through the Cortese Bill enacted in 1983. The State Board is no longer apart of the registration process due to the passing of an amendment in 1987. The data base contains information collected from the tank registration between 1984 and 1987. The Dunne facility is included on the list, along with the following facilities located within the 1/4 mile qualifying radius.

Site: FIDELITY ROOF COMPANY
 Address: 1075 40TH ST
 City: OAKLAND
 Map Loc: 10 within 1/4 mile SW of the subject property

Site: FRANK W. DUNNE COMPANY
 Address: 1007 41ST ST
 City: OAKLAND
 Map Loc: 1 the subject property

Site: THE FLECTO COMPANY, INC.
 Address: 1000 45TH ST
 City: OAKLAND
 Map Loc: 22 within 1/4 mile N of the subject property

Site: EMERYVILLE DIVISION NO. 2
 Address: 1140 45TH ST

City: EMERYVILLE
Map Loc: 63 within 1/4 mile W of the subject property

Site: I.T.T. CONTINENTAL BAKING CO.
Address: 1010 46TH ST
City: OAKLAND
Map Loc: 24 within 1/4 mile N of the subject property

Site: RED TOP ELECTRIC CO. EMERYVILLE
Address: 4377 ADELINE ST
City: EMERYVILLE
Map Loc: 15 within 1/4 mile N of the subject property

Site: 92029
Address: 890 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 48 within 1/4 mile SE of the subject property

Site: CALIFORNIA MAINTENANCE
Address: 901 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 45 within 1/4 mile SE of the subject property

Site: TOSCANA BAKING COMPANY
Address: 3924 MARKET ST
City: OAKLAND
Map Loc: 28 within 1/4 mile SE of the subject property

Site: ARCO
Address: 4401 MARKET ST
City: OAKLAND
Map Loc: 41 within 1/4 mile NE of the subject property

Site: THE AMERICAN RUBBER MFG. CO.
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 within 1/4 mile W of the subject property

Site: PEPSI COLA BOTTLING CO
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 within 1/4 mile W of the subject property

Site: EMERYVILLE VETERANS

Address: 4321 SALEM ST
City: EMERYVILLE
Map Loc: 21 within 1/4 mile NW of the subject property

Site: OAKLAND TRUCK CENTER
Address: 3800 SAN PABLO AVE
City: OAKLAND
Map Loc: 42 within 1/4 mile SW of the subject property

Site: CLIPPER EXXPRESS COMPANY
Address: 3871 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 29 within 1/4 mile SW of the subject property

Site: CELIS TEXACO SERVICE STATION
Address: 4000 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 27 within 1/4 mile W of the subject property

Site: TOSCANA BAKING COMPANY
Address: 4070 SAN PABLO AVE
City: OAKLAND
Map Loc: 23 within 1/4 mile W of the subject property

Site: EMERYVILLE FIRE DEPT
Address: 4331 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 51 within 1/4 mile NW of the subject property

Site: EMERYVILLE SERVICE STATION
Address: 4501 SAN PABLO
City: EMERYVILLE
Map Loc: 51 within 1/4 mile NW of the subject property

Site: BERKELEY FARMS INC
Address: 4550 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 62 within 1/4 mile NW of the subject property

Site: WESTRANSCO FREIGHT CO.
Address: 1270 YERBA BUENA AVE
City: EMERYVILLE
Map Loc: 57 within 1/4 mile SW of the subject property

Historical Use Information

The former Dunne Paints property consists of three separate parcels, two in Oakland and one in Emeryville. The Alameda County Recorder's Office maintains deeds recording the purchase of the property by Frank W. Dunne from James and Mary Tavares dating July, 9 1923. Previous records date the transfer of the property to the James and Mary Tavares in 1917. The earliest city records on file for Oakland and Emeryville at the Oakland Public Library list Frank W. Dunne Company as the occupant of a portion of the property from 1923 to 1979. There were no listings for the remainder of the property until the 1981 records list Frank W. Dunne Company and Dunne Paint Company as the occupants of the portion of property on 41st Street, and Frank W. Dunne as the occupant on the Adeline Street portion. The Dunne Paint Company was listed as the occupant on the property from 1984 to 1991 with a distinction between the Dunne Paint Store on Adeline and the Dunne Paint Company Office on 41st Street. A building permit for a warehouse addition and retail store were on record at the Emeryville Building Department dating back to March, 8 1978. Six other permits from the 1984 to 1986 were on file for renovations, fixtures, installation of a heat pump, ducts, and sprinklers. Earlier records were not available. (Blymyer 1991).

Aerial photographs from the years 1930, 1947, 1950, 1957, 1963, 1969, 1975, 1979, 1985, 1990, and 1996 were reviewed at Pacific Aerial Surveys Photograph Library in Oakland on November 28, 2000.

The 1930 photo was clouded but the surrounding property was clearly mixed residential, industrial, and commercial. The 1947 photo revealed a large warehouse bordering 41st street to the north, and a vacant undeveloped lot to the west, on the portion of property bordering Adeline and 41st Street. A railroad right-of-way spanned the southeastern portion of the property. A building was visible on the adjacent property to the southwest. Above ground tanks were visible in the 1950 photo, on the property to the south of the warehouse and on the adjacent properties to the north at the facility across 41st street, and to the east on the property across the street. Photographs from 1957 on reveal automobiles parking on the previously vacant section. By the 1963 photograph the railroad right-of-way was removed and replaced with a building. The 1969 photo revealed development to the west of the warehouse bordering 41st street. An additional building was clearly seen adjacent to the warehouse in the 1979 photo. The parking lot now appeared to be paved. The above ground tanks on the property to the north are no longer visible in the 1985 photo. The area is clearly transformed to a loading dock by 1990. The tanks on the former Dunne paints property have been removed by the 1996 photo.

Sanborn Insurance Company maps were reviewed at the University of California Berkeley's Map Room on December, 8 2000. Maps dating 1903, 1911 and 1951 were reviewed. A building is visible on the property in the 1903 map. The type of building was not identified. The map from 1911 shows four residential buildings. The 1951 map reveals several buildings owned by the Frank W. Dunne Company. The buildings included a paint warehouse, a loading dock, a varnish kitchen and storage building, a print mill, and a storage yard.

SITE RECONNAISSANCE

The subject property is on the Oakland/Emeryville border in an area zoned for residential and commercial purposes. The subject property consists of warehouse and office space leased to the following companies, M-Code, Spam Records, West Mac Builders, Icon Press, and Green City Development Group. The property also contained a parking lot and driveway. The property appeared to be completely paved with the exception of the parking lot which was covered with asphalt.

M-Code occupies a total of approximately 4,000 square feet of office space. M-Code develops software; therefore, there is no chemical usage in the building. The facility is currently bi-level with tiles on the floor and ceiling. In 1991, samples from the floor tiles, ceiling tiles from both floors, and fibrous wrap around a duct outside the former customer service area were collected by Blymyers Engineers and analyzed for asbestos using Polarized Light Microscopy. Asbestos was reported in the floor tile and pipe wrapping, 1-5% and 45-50% respectively (Blymyer 1991). During the December 2000 walk-through, no fibrous wrap was seen around any of the exposed piping.

The second floor of the M-Code building is divided into two sections; office space used by M-Code and empty unfinished room used as a mailing address for Green City Development Group. Adjacent to M-Code is empty warehouse space. Pipes were exposed in both sections and no asbestos wrapping was visible.

West Mac Builders uses storage space adjacent to the warehouse for storage of construction supplies and materials. No chemicals are stored by the construction company.

The sheds on the southern border of the property are empty.

Stamp records occupies 10,000 square feet of space previously used by the silk screen business. The space is divided into two sections: warehouse space and a front office bordering 41st St. The warehouse space is used for storage and is virtually empty. No chemical usage was noted in either facility.

Icon press occupies the remainder of the building space. They are a small commercial printing business. During the walk-through water based solvents were noted with volatile organic compounds, VOC, ratings of 1 or less. Printing occurred on the first floor and the remainder of the building was used for office space. The roof was accessible.

The roof over Spam Records and Icon Press was tar. The roof over the warehouse consisted of an unknown roofing material. Capacitors were visible on the telephone poles on 41st St. The labels on the capacitor stated no PCBs (polychlorinated biphenyls) were used in the dielectric fluid.

Previous Studies of Subject Property

Dunne Paints owned six USTs for storing mineral spirits. The tanks were located under the sidewalk on the south side of 41st Street. Four connected tanks of 6,000, 3,000 (2), and 2,000 gallons buried under the western half of the sidewalk were in use for approximately 20 years up to the time of their removal. Two 4,000 gallon tanks located near the eastern end had not been used for over 35 years prior to their removal (Hunter/Gregg, 1988).

Environmental Services, Inc. conducted a preliminary soil investigation in January 1988. An analysis of 12 soil borings adjacent to the tanks indicated high concentrations of TPH as mineral spirits in the vicinity of all six tanks. The tanks were removed on July 18 and 19, 1988 by SEMCO Construction Company. The tanks were closed to the satisfaction of Alameda County Health Services (ACHS). The 6,000 gallon tank (farthest to the west) had a small leak evident during removal, and both 4,000 gallon tanks (farthest to the east) were "badly damaged" with water streaming out of several small holes during removal. Approximately 60 cubic yards of petroleum hydrocarbon saturated soil and an unknown quantity of liquid was removed from the tank pits. Groundwater infiltrated the excavations at a depth of approximately 7 feet bgs, which prohibited sampling soil immediately below the former tanks (Hunter/Gregg, 1988).

Two monitoring wells, designated MW-D1 and MW-D2, were installed, one in each excavation pit, prior to backfilling. The wells were constructed in an unorthodox manner in order to facilitate groundwater sampling and in-situ treatment without the use of a drilling rig. The construction method consisted of suspending four-inch slotted PVC pipe to a depth of four feet below the tank bottom elevation in each pit while backfilling and compacting each pit with pea gravel to sub-grade. The top of each casing was sealed with concrete and fitted with a stovepipe, cover, and well box. Although the wells are shallow, they are screened sufficiently to intercept free floating product and to accommodate water table fluctuations.

Grab samples were collected from each well in August 1988, although the exact sampling procedure and purging method, if any, were not specified. The samples were analyzed only for TPH as mineral spirits, indicating concentrations of 1,000 µg/L in MW-D1 and 1,600 µg/L in MW-D2. All subsequent sampling of MW-D1 has been non-detect for TPH as mineral spirits.¹ As shown in Table A, TPH concentrations in MW-D2 from January, 1989 to September, 1993 decreased incrementally from a concentration of 1,600 µg/L in August, 1988 to 220 µg/L in September, 1993. Therefore, by September 1993 concentrations of TPH as mineral spirits decreased by at least 86 percent in both wells.

Traces of ethylbenzene and toluene were detected in some groundwater samples collected up to April 1989, however in all subsequent sampling events these chemicals were non-detect. Levels of toluene and ethylbenzene in wells MW-D1 and MW-D2 were well below California State Water Resources Control Board (SWRCB) underground tank regulation action levels. Total xylene was detected in both wells on three occasions, the last in February 1990. The highest concentration of total xylene measured was well below the SWRCB action level for xylene. In each of three subsequent sampling events since February 1990, none of these BTEX compounds

¹ Note: The January 18 and March 24, 1989 analyses reported non-detect for both MW-D1 and MW-D2, however the detection level was 1,000 µg/L, implying a lack of precision in the result.

have been detected. No halogenated or volatile organic compounds were detected in either well in the June 10, 1993 and September 29, 1993 sampling events.

Previous Studies of Surrounding Properties

ONE Color Communications

(3)
At least two former underground storage tanks (USTs) were associated with the ONE property. A 10,000 gallon UST that had stored mineral spirits (a.k.a. paint thinner or stoddard solvent) was located in the truck loading area. This tank was excavated in the first half of 1987. Two soil samples collected from below the former UST indicated concentrations of total hydrocarbons of 6.5 and 43.5 mg/kg, of benzene of 0.07 mg/kg and non-detect, of toluene of 0.6 mg/kg (both), and of xylene of 17.6 and 4.3 mg/kg (4M Construction, 1987). A monitoring well, MW-LD4, was installed adjacent to the loading dock. Details of the removal of this tank and the date of well installation are unknown. It appears that MW-LD4 was constructed in the excavation pit using the same methods as for MW-D1 and MW-D2, described later in this report.

In 1987, O.H. Materials Corp. (OHM) began investigating a UST located under the sidewalk along 41st Street. The tank was reportedly used by the former Boysen Paint Company to store mineral spirits. Following a ground penetrating radar survey for underground utilities and the installation of a temporary monitoring well during 1988 and 1989, approximately 610 gallons of solvents, sludge, and water were pumped from the tank and disposed of in April, 1990. In May, 1990 monitoring well MW-B1 was installed at the western end of the UST. Compounds detected in the first groundwater sample collected included 57,000 µg/L of Total Petroleum Hydrocarbon (TPH) of unknown type and 11.4 µg/L of methylene chloride (ESC, 1993). On September 30, 1991, Aqua Terra Technologies (ATT) collected groundwater samples from MW-B1 (identified as MW-41st in their report) and MW-LD4 (ATT, 1992). The laboratory analysis for MW-B1 indicated 18,000 µg/L TPH-g, 29,000 µg/L kerosene, 5.6 µg/L toluene, 250 µg/L ethylbenzene, 980 µg/L total xylene, and non-detect for all volatile organic compounds (VOCs), and halogenated organic compounds, including methylene chloride.

In May 1993 ESC began activities to close the tank in place. After removing the sidewalk and fill, the tank was measured to have a capacity of 8,000 gallons. Signs of weakness and holes were found in the tank piping and soil discoloration was observed in the product-line trench. Approximately 25 tons of soil were excavated from above the tank and hauled for disposal. Soil samples collected in the excavation pit around the tank and piping contained TPH matching the mineral spirit standard, however the samples were not quantified using this standard. The samples did not contain detectable levels of VOCs except for low levels of xylene (400 to 800 µg/L) in the west, east, and pipeline soil samples. A total of 39 cubic yards of cement slurry was pumped into the tank to fill it. The excavation pit was backfilled with pea gravel and the sidewalk replaced.

ESC installed three more monitoring wells (MW-B2, MW-B3, and MW-B4) in May of 1993. These wells are all located in 41st Street and nearly form a line running east to west. On June 10, 1993 and again on September 29, 1993 ESC sampled the five monitoring wells on ONE property,

as well as two wells on California Linen property and two wells on Dunne Paints property. Results from both sampling events did not indicate detectable levels of VOCs in any wells at ONE. The September sample analysis was the only one to quantify levels of TPH as mineral spirits, indicating concentrations of 290,000 µg/L in MW-B2, 43,000 µg/L in MW-B1, and between 700 and 2,400 µg/L in the remaining wells at ONE.

A stormwater drainage system at ONE included two steel-lined concrete sumps located adjacent to the former truck loading area. Rockridge utilized a trough in this area to strip furniture using a solvent mixture containing methylene chloride. Sludge found in the bottom of the smaller sump was sampled by ESC in May 1993. ESC reported Total Petroleum Hydrocarbons (TPH) concentrations as a non-gasoline mix at 130,000 µg/L, toluene concentration at 1,100 µg/L, ethylbenzene at 1,400 µg/L, xylene at 14,000 µg/L, trichloroethylene (TCE) at 460 µg/L and methylene chloride at 17,000 µg/L in the sludge found at the bottom of the sump (ESC, August, 1993). The larger sump contained about 110 gallons of liquid, which was removed from the sump on August 10, 1993. The liquid was manifested and sent for recycling by Rockridge. ONE sampled and analyzed the liquid waste in the sump using EPA Method 624. The liquid contained 79,000 µg/L methylene chloride, 12,000 µg/L TCE, and trace amounts of 1,2-dichloroethylene (DCE).

BES conducted a field investigation in 1994 to determine whether methylene chloride or TCE had contaminated soil or groundwater adjacent to the sumps. This involved drilling a boring adjacent and downgradient to the sumps, collecting soil samples at 3 and 8 feet below ground surface (bgs), and installing a monitoring well (BES-1). No halogenated VOCs (including methylene chloride and TCE) were found in the groundwater above the method detection limit. However, TCE was found in the three-foot soil sample at 9.5 µg/kg and in the eight-foot soil sample at 13 µg/kg. TPH as diesel and as mineral spirits were found in the groundwater, and TPH as mineral spirits was found in the eight-foot soil sample. Based on the data from this investigation, it was concluded that the sumps held their integrity since methylene chloride was not detected in soil or groundwater (BES, 1994). The two sumps were cleaned and filled with concrete in October 1995. A closure report for the sumps was submitted to ADEH in November 1995 (BES, 1995).

Methylene chloride was detected in the groundwater in only one well at one sampling event in May 1990. No other sampling events have detected methylene chloride or any other halogenated organic compounds in any groundwater wells at the site.

California Linens

Three former USTs located at California Linen were removed in February 1989 by Miller Environmental Company. These included a 2,500 gallon tank that contained #5 fuel oil, a 10,000 gallon tank that contained regular gasoline, and a 550 gallon tank that contained unleaded gasoline. Analytical results from soil samples collected from under the tanks after their removal indicated hydrocarbon contamination above RWQCB action levels in each excavation pit.

The soil sample collected from the western end of the 2,500 gallon tank pit contained 900 mg/kg TPH-d and 650 mg/kg oil and grease, while the sample from its eastern end was non-detect for both contaminants. A water sample taken from the excavation pit contained 520,000 µg/L TPH-d (Robert J. Miller Co., 1989). An undated, handwritten letter from Robert J. Miller Co. attached to a letter from California Linen to the ADEH dated March 23, 1989 indicates that contaminated soil was removed from this excavation pit and hauled to a disposal site (California Linen, 1989). No details are given as to the extent of over-excavation and no other soil sample data has been located. MW-3 was subsequently installed adjacent and downgradient to the former location of the 2,500 gallon tank. The well did not contain detectable levels of TPH as gasoline, diesel, or oil for four quarterly sampling events over a one-year period. Therefore, the ADEH approved the destruction of MW-3, which occurred in July 1991.

The soil sample from the southern end of the 10,000 gallon tank excavation pit contained 38 mg/kg TPH-g, and concentrations of benzene, toluene, ethylbenzene, and xylene (BTEX) of 0.23, non-detect, 0.56, and 1.8 mg/kg, respectively. The sample from the northern end of the 10,000 gallon tank was non-detect for each of these compounds, however a water sample collected from the excavation pit contained 1,200 µg/L TPH-g, and concentrations of BTEX at 240, 76, 40, and 200 µg/L, respectively (Robert J. Miller Co., 1989). According to Robert J. Miller Co., the ADEH granted approval to backfill the excavation pit on February 27, 1989 (California Linen, 1989). MW-2 was subsequently installed adjacent and downgradient to the former location of the 10,000 gallon gasoline tank. The well contained a detectable concentration of TPH (50 µg/L TPH-d in August 1991) in only one of eleven sampling events between October, 1989 and June 1993. Of the BTEX compounds, only toluene and total xylene have been detected, and only in the March 1992 sampling event (1.1 and 3.3 µg/L respectively).

Initial soil samples from the southern end of the 550 gallon tank excavation pit contained 310 mg/kg TPH-g, and levels of BTEX of 5.3, 24, 7.6, and 45 mg/kg, respectively. A sample from the northern end also contained appreciable, though smaller, concentrations of each of these compounds. After over-excavation of the pit, two soil samples were collected, both of which proved to be non-detect for each of the compounds tested. MW-1 was installed adjacent and downgradient to the former location of the 550-gallon gasoline tank. This well consistently contained appreciable concentrations of TPH and BTEX compounds in each of the eleven sampling events mentioned above.

Current Investigations

Based on the previous investigations, BES collected groundwater, soil and air samples from the One and Dunne properties on December 14, 1999 for further characterization of the property necessary for the completion of a Health Risk Assessment, (HRA) for submittal to Alameda Health Services and the Regional Water Quality Control Board.

BES took depth to groundwater measurements, purged and collected groundwater samples from each of the seven remaining wells on and adjacent to the subject properties (MW-B2, MW-B2, MW-B2, MW-B2, MW-B2, BES-1; locations shown in attached Report). Groundwater

samples were analyzed for total petroleum hydrocarbons as mineral spirits and depth to groundwater was measured.

Table 1 includes these results along with all other analytical results from previous site investigations. With the exception of MW-LD4, concentrations of TPH-ms were lower than those measured the previous year. MW-LD4 exhibited a significant increase, therefore an additional sample was collected on January 13, 2000 to confirm the results. The concentration of the sample taken in January was of the same order of magnitude as the December sample (Table 1).

Four temporary monitoring wells were installed and sampled to determine if TPH-ms contamination migrated downgradient to Adeline St, and to determine if current or past operations at Dunne paints have impacted the groundwater. Locations of samples, HP-1, HP-2, HP-3, and HP-4, are shown in Figure 4. Hp-1 was sampled on December 14, 1999, and HP- on December 15, 199. Concentrations of TPH-ms were detected at 21,000 and ND<56 µg/l respectively. The appreciable concentration of TPH-ms in HP-1 prompted concerns of contamination. A second sample was taken from the same location on January 13, 2000 along with samples from Hp-2 and HP-4. Concentrations of TPH-ms were detected at ND<50 67 and 470 respectively. Based on these results it appears TPH-ms contamination in groundwater has not migrated downgradient to Adeline Street.) No!

BES collected soil samplers from two locations in the former varnish production portion of the former Dunne Paints property, currently housing a furniture restoration business. Prior to sampling a concrete core was taken near a sampling location to assess soil for sampling. Three samples from two locations were analyzed; a surface sample and a sample at a depth of two feet from an exposed patch of soil (DS-0 and DS-2 respectively), as well as, a sample at a depth of three feet from adjacent to a storm drain next to a former varnish kettle (DV-3). Samples were analyzed for metals (EPA Method 6010), volatile organic compounds (8260), and TPH as mineral spirits (8015). Analysis suggests the soil below the vent (DV-3) have not been affected by site activities, and the only organic detected was acetone, a common laboratory contaminant. Analytical results for DS-0 indicate detectable levels of metals, benzene, naphthalene, xylene, and TPH-ms, 2.3, 3.1-32, 4.6, and 15,000 mg/kg. The contamination appears to be confined to the surface soils, as DS-2 indicated only a detectable concentration of TPH-ms (20 mg/kg). Organics and metal concentrations were significantly reduced.

Ambient and emission flux chamber samples were collected providing data concerning the emission of vapors from soil and groundwater into indoor air on the two properties. An indoor ambient sample (ONE-DESK) and a flux chamber sample (ONE-FLUX) were taken from the basement of the ONE office and printing building. A flux chamber sample (DUNNE-FLUX) was taken from the Dunne Paints building in a room formerly used for solvent mixing. Additionally, an ambient background sample (ONE-AMB) was collected just north of the ONE building. All samples except ONE-DESK were collected on December 15, 1999. ONE-DESK had to be re-sampled on January 13, 2000 due to a defective flow restrictor invalidating the original sample. Analysis of the background sample detected slight levels of methylene chloride, benzene, toluene, acetone, ethanol, and TPH-hexane, 3.1, 3.5, 11, 12, 8.9, and 43 mg/kg respectively. Slightly higher levels of these compounds, with the exception of benzene which was not detected in the

ONE-Flux sample, were detected in the ONE-FLUX and DUNNE-Flux samples. Both samples detected higher levels of TPH-hexane, 750 and 1,800 mg/kg respectively, and acetone, 170 and 670 mg/kg respectively. Additional chemical detected in the ONE-FLUX sample include 2-propanol, and hexane, at 39 and 330 mg/kg. Additional samples detected in the DUNNE-FLUX sample include m,p-xylene, 2-propanol, 2-butanone, hexane, and cyclohexane, 5.7, 120, 12, 150, and 19 mg/kg respectively.

Based on these findings, BES developed a conceptual model for the basis of the HRA approved by Alameda County Health Services. Investigative report with the conceptual model is attached in Appendix B.

Limitations and Exceptions of Assessment

The professional environmental inspector has used his best judgment and has conducted the ASTM suggested inquiries when conducting this assessment. This environmental site assessment cannot wholly eliminate uncertainty regarding the potential for recognized environmental conditions concerning the subject site or adjoining properties.

Not every property will require the same amount of site assessment work. Various factors will determine the appropriate level of involvement, such as the type of property being assessed, how it is used, the extent of contamination, and the amount and kind of data collected. Any one of these will determine the appropriate level of environmental site assessment.

Not all inquiries will identify a significant environmental condition existing on the subject property. All environmental assessments are governed by circumstances and conditions that existed on the day of inspection.

Certificate of Inspection

The environmental inspector certifies and agrees that:

- (1) The inspector has no present or contemplated future interest in the property inspected.
- (2) The inspector has no personal interest in or bias with respect to the subject matter of the assessment report or the participants to the sale. This Environmental Site Assessment Report is not based in whole or in part upon the race, color, or national origin of the prospective owners or occupants of the property inspected, or upon the race, color or national origin of the present owners or occupants of the properties in the vicinity of the property inspected.
- (3) The inspector has personally inspected the property and has made an exterior inspection of all neighboring properties in the report. To the best of the inspector's knowledge and belief, all statements and information in this Site Assessment Report are true and correct, and the inspector has not knowingly withheld any significant information.

(4) The legal description and address furnished is correct according to the information furnished to the inspector.

(5) This inspection report has been made in conformity with and is subject to the requirements of the Code of Professional Ethics and Standards of Professional Conduct of the environmental organizations with which the inspector is affiliated.

(6) All conclusions and opinions concerning the subject site that are set forth in the Site Assessment Report were prepared by the inspector whose signature appears on the Assessment Report.

General Qualifications

In the professional judgment of the site assessor, the scope of this investigation was sufficient to determine whether further investigation was warranted, given the nature and specific circumstances of the site. The site assessor performed this Phase I ESA in conformance with the care and skill currently exercised by reputable environmental consulting firms practicing under similar conditions in the state of California. No other warranty or representation of any kind, expressed or implied, at common law or created by statute, is extended, made or intended by the site assessor's rendering consulting services or furnishing oral and/or written reports of its findings.

The site assessor has no obligation to any third party who intends to, or will, rely on this report and specifically disclaims any such responsibility. The site assessor assumes no obligation for reporting any facts revealed by the environmental site assessment or contained in the Phase I ESA update report to anyone other than the Client.

This report does not constitute legal advice, nor does the site assessor purport to give legal advice. Environmental conditions and regulations are subject to constant change and reinterpretation. It should not be assumed that current conditions and/or regulatory positions will remain constant. Furthermore, because the facts stated in this report are subject to professional interpretation, differing conclusions could be reached by other professionals.

Certain information contained in this report may have been obtained from agencies or through personal interviews. The site assessor cannot warrant that such information is accurate. Except as discussed in the report, the site assessor has not verified the accuracy of such information.

Contaminates may be hidden in the subsurface materials, having been placed there due to the actions of man, or covered by foliage, water, concrete, asphalt, or other materials. This contamination may not be present in predictable locations. The most that the site assessor can do is formulate a logical assessment program to reduce the client's risk of later discovering previously unknown contamination. The greater the extent of exploration on a property, the greater the probability of finding contamination, if present. Even with extensive exploration, it is not possible to say with total certainty that contaminants are not present at a particular site.

Many environmental assessments are undertaken to satisfy the "due diligence" requirement in the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and appropriate state requirements. The level of investigative work required to demonstrate "due diligence" has not been legislatively defined by Congress, the U.S. EPA, or many appropriate state bodies. Although the site assessor strives to investigate each site to discover all possible sources of contamination, the site assessor cannot warrant that the work undertaken for this report will provide a due diligence defense asserted under CERCLA, or any other federal, state, or local laws.

No warranty can be made that conditions observed were representative of areas not observed. Tests or data collected for this report were obtained only for the purposes stated in this report, and should not be used for reasons other than those intended.

The inspector assumes no responsibility for legal issues affecting the property inspected, nor does the inspector render any opinion as to the marketability of title.

Any sketch(es) in the report may show approximate dimensions. Sketch(es) are only included to assist the reader in visualizing the property. The inspector did not survey the property.

Unless arrangements have been previously made, the inspector will not be required to give testimony or appear in court because of having made the Environmental Site Assessment with reference to the property in question.

Possession of this Environmental Site Assessment Report does not carry with it the rights of publication, and any parts thereof may not be reproduced in any form without written permission of its writer, or the client who ordered the report.

The inspector assumes that there are no hidden, unapparent, or latent conditions or defects on the property, subsoil, or structures that would render it more valuable, less valuable or hazardous. The inspector assumes no responsibility for such conditions, or for the inspection, engineering, or repair that might be required to discover or correct such factors.

Information, estimates, and opinions furnished to the environmental inspector and contained in the report were obtained from sources considered reliable and believed to be true and correct. The inspector however, assumes no responsibility for the accuracy of such information.

This Environmental Site Assessment is not intended to (but indeed may) have a direct effect on the value of the property inspected. It is conducted solely for the educational benefit of the principal parties.

The contents of this report, including any conclusions as to value or hazards and the identity of the inspector shall not be disseminated to the public through advertising media, public relations media, news media, sales media, or any other public means of communication without the prior

written consent and approval of the environmental inspector.

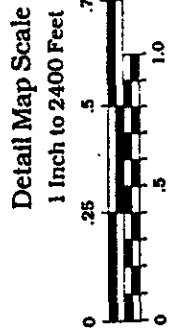
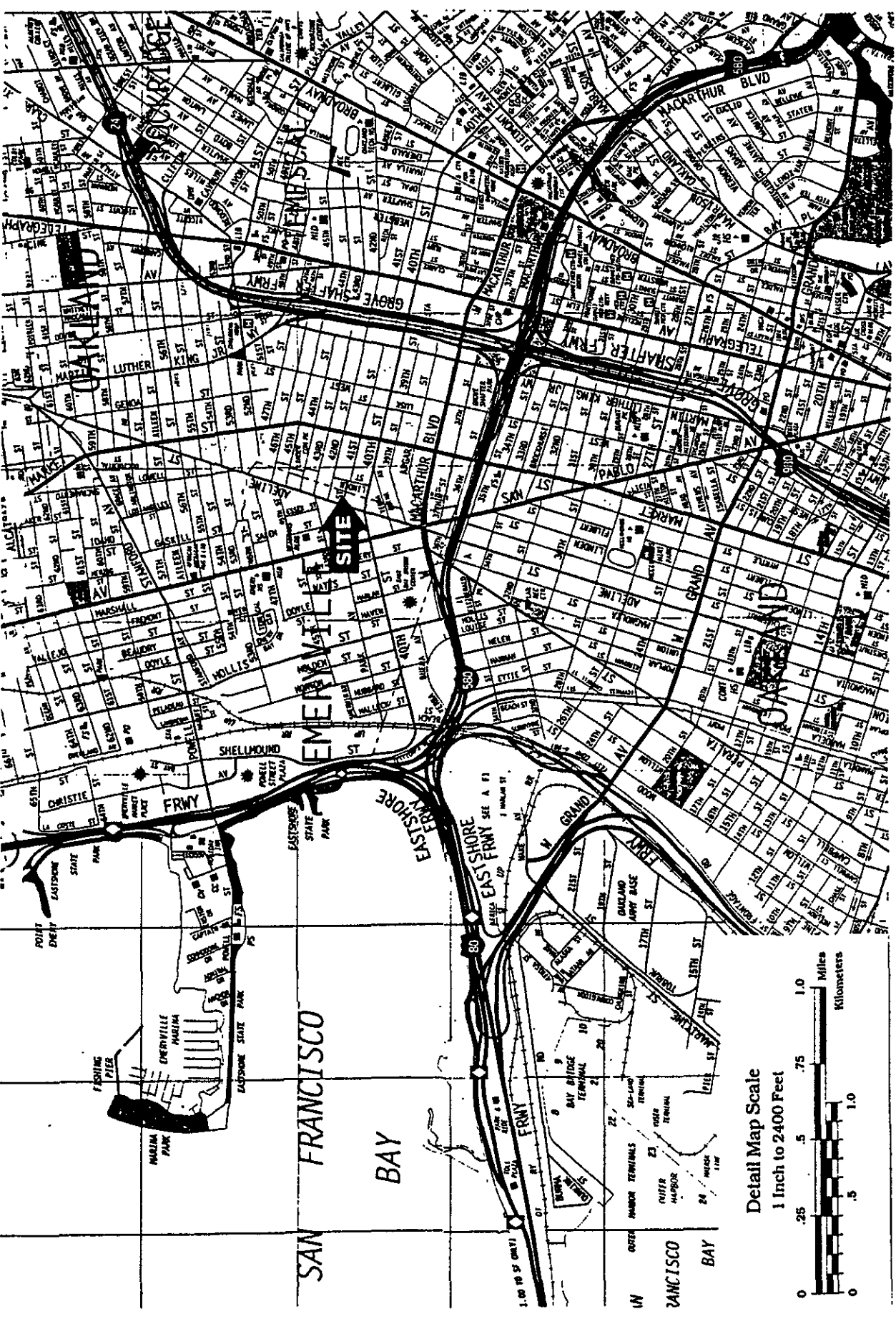
FINDINGS AND CONCLUSIONS

This report discussed the environmental condition of the subject property found during a Phase I ESA. The ASTM Standard Practice for an Environmental Site Assessment, ASTM Designation 1527-94, was followed as a guideline for conducting the ESA. The subject property and surrounding properties have already been investigated for the development of a HRA. Sampling has revealed contamination of groundwater with TPH-mineral spirits from leaking underground storage tanks from either former Dunne Paints or ONE Color Communications. A Health Risk Assessment is currently being developed for Alameda County Health Services (ACHS) and the Regional Water Quality Control Board based on a conceptual model already approved by (ACHS).

Future use of the property will be a four story residential facility. An underground parking garage will be a part of the proposed residential facility. Consideration to groundwater needs to be made given the potential for encountering it during the construction phase. Scenarios involving contact with the groundwater during construction will be addressed in the HRA.

There is no evidence the current occupants of the site engage in any activity which would lead to any contamination of the property. A previous assessment of the property suggests the presence of asbestos in the floor tile currently used as office space by M-Code Software. Piping outside the customer service area was also found to be wrapped by an asbestos containing material. This pipe was not located during the December 2000 Site Reconnaissance. Further site reconnaissance of the subject property showed no obvious activities by current owners which would impact the property's soil or groundwater.

Figures



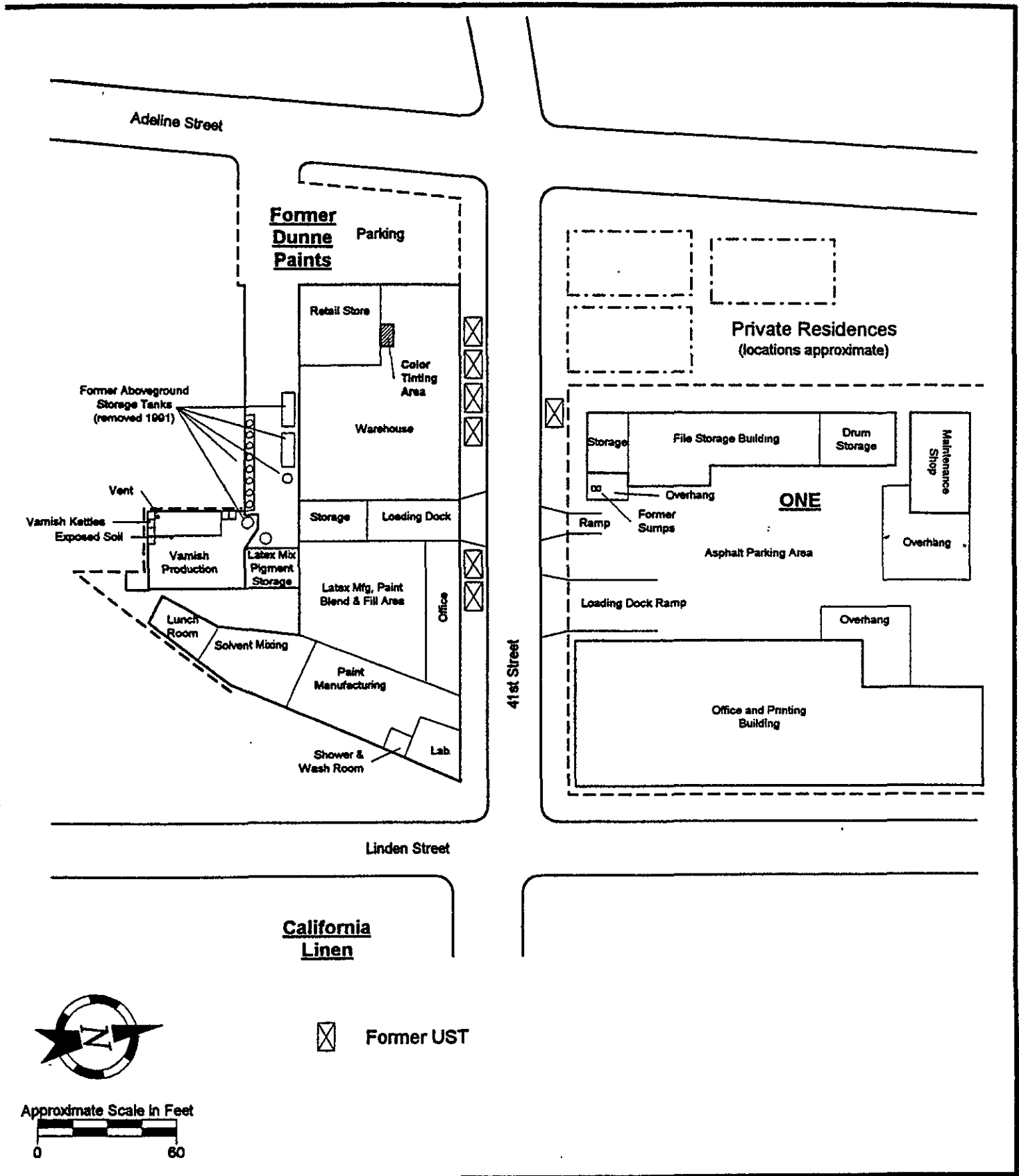
Source: Thomas Brothers Guide, 1998

BES
Block Environmental Services, Inc.
2451 Estand Way
Pleasant Hill, CA 94523
(925) 682-7200 Fax: 686-0399

Former Dunne Paints
41st Street at Adeline and Linden
Oakland/Emeryville

Figure 1: Site Vicinity

December 2000



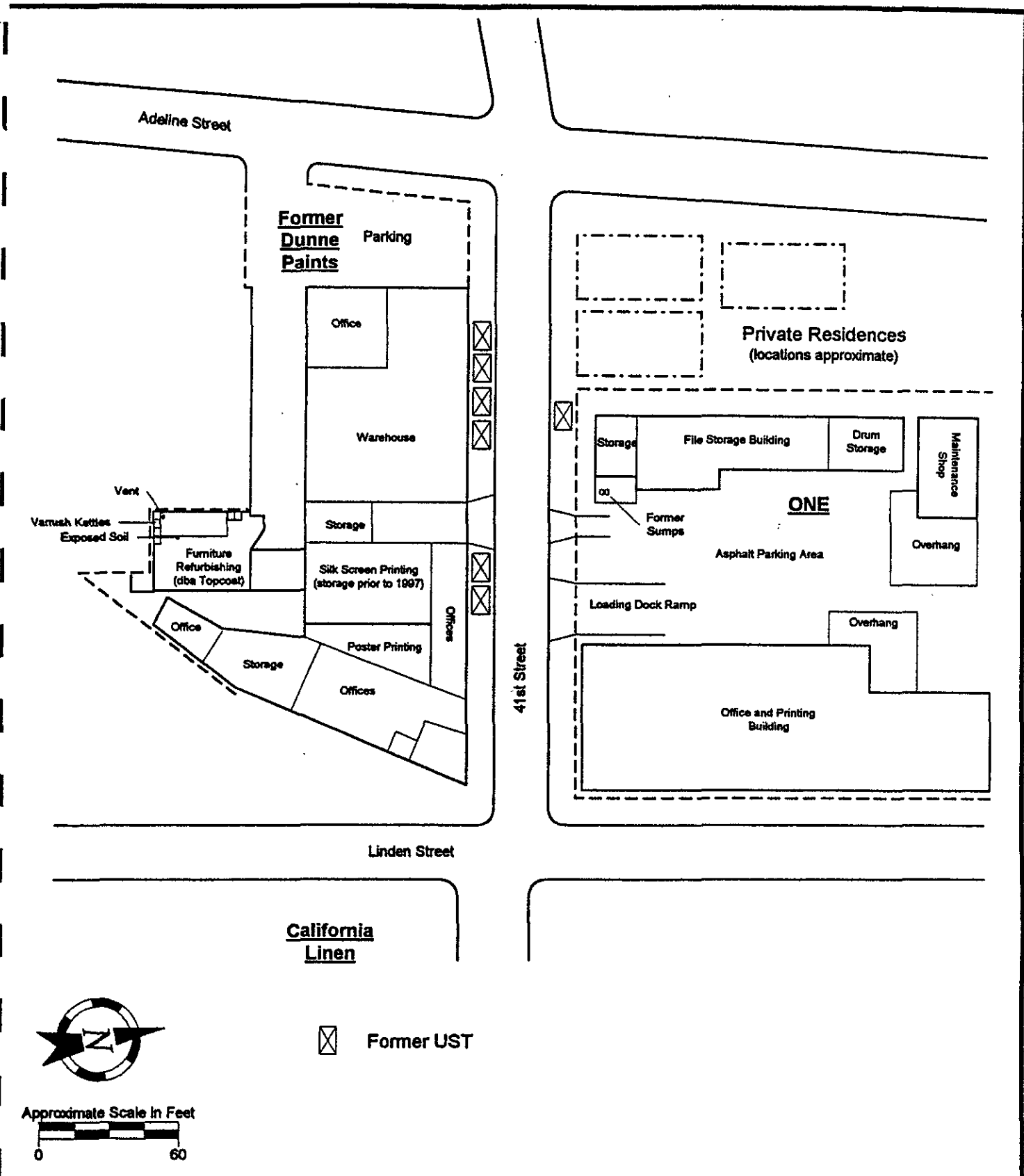
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 2451 Estand Way
 Pleasant Hill, CA 94523
 (925) 682-7200 Fax: 686-0399

**Figure 2: Site Map
 With Historic Property Use**

Former Dunne Paints
 41st Street at Adeline and Linden
 Oakland/Emerville, California

December, 2000

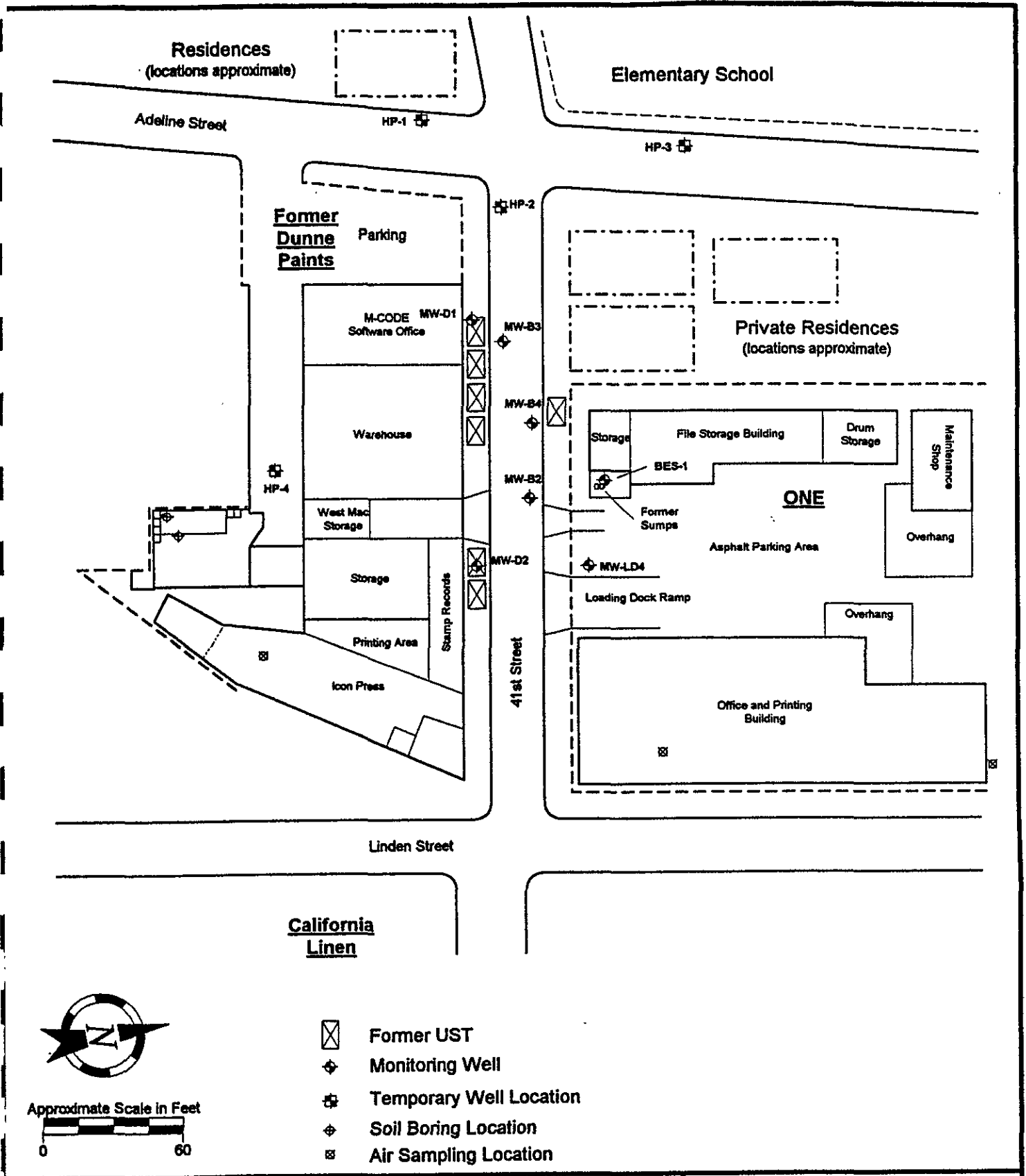


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 Block Environmental Services, Inc.
 2451 Estand Way
 Pleasant Hill, CA 94523
 (925) 682-7200 Fax: 686-0399

**Figure 3: Site Map With
 Property Use 1991-1999**

**Former Dunne Paints
 41st Street at Adeline and Linden
 Oakland/Emerville, California**

December, 2000



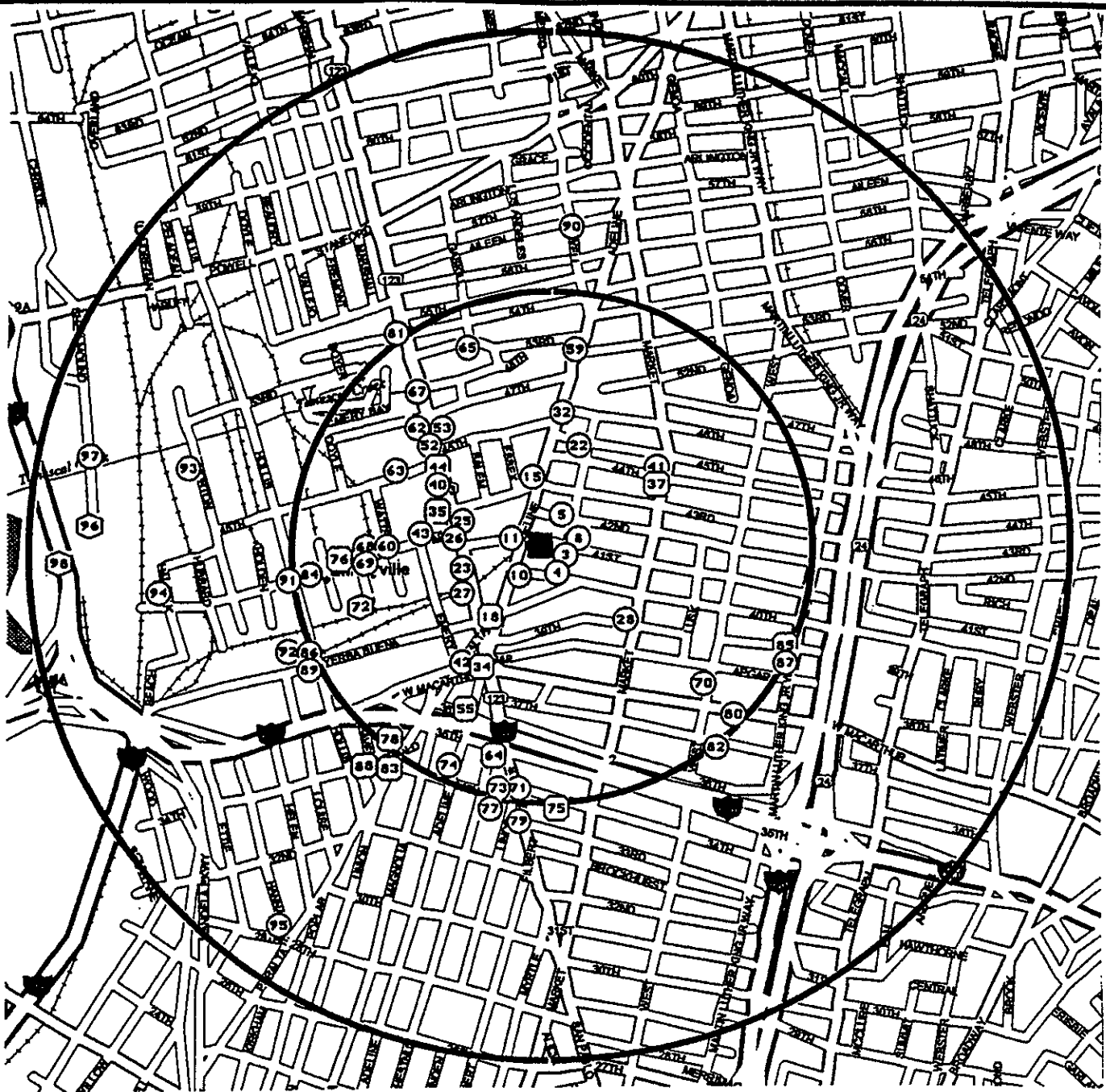
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2451 Estand Way
Pleasant Hill, CA 94523
(925) 682-7200 Fax: 686-0399

**Figure 4: Site Map
With Current Property Use**

Former Dunne Paints
41st Street at Adeline and Linden
Oakland/Emerville, California

December, 2000



- ENVIRONMENTAL CONCERNS - HIGH PRIORITY
- ENVIRONMENTAL CONCERNS
- ENVIRONMENTAL CONCERNS - WITH A 'NO FURTHER ACTION' STATUS'
- OPERATING PERMITS ONLY
- ◻ WATER WELLS

3.2 inches to 1 mile



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Block Environmental Services, Inc.
 451 Estand Way
 Pleasant Hill, CA 94523
 (925) 682-7200 Fax: 686-0399

Figure 5: Sites with Known Environmental Concerns

Former Dunne Paints
 41st Street at Adeline and Linden
 Oakland/Emeryville, CA

December 2000

Tables

ABL : Summary of Comprehensive () Dept. Group for () Area

ONE, California Linen, Dunne Paints, Oakland/Emeryville, California

All measurements in feet.

Well No.	Date	Depth of Well (bgs)	TOC Elevation (msl)	Depth to Water (bgs)	Ground-water Elevation (msl)	Well No.	Date	Depth of Well (bgs)	TOC Elevation (msl)	Depth to Water (bgs)	Ground-water Elevation (msl)
MW-B1	6/10/1993	19.88	49.92	6.14	43.78	MW-B1	10/20/1993	19.88	49.92	6.69	43.23
MW-B2	6/10/1993	23.35	50.77	6.75	44.02	MW-B2	10/20/1993	23.35	50.77	7.25	43.52
MW-B3	6/10/1993	20.88	49.02	6.85	42.17	MW-B3	10/20/1993	20.88	49.02	6.24	42.78
MW-B4	6/10/1993	21.50	49.74	6.00	43.74	MW-B4	10/20/1993	21.50	49.74	6.11	43.63
MW-LD4	6/10/1993	10.60	51.51	6.98	44.53	MW-LD4	10/20/1993	10.60	51.51	7.37	44.14
MW-D1	6/10/1993	12.50	50.56	5.29	45.27	MW-D1	10/20/1993	12.50	50.56	6.20	44.36
MW-D2	6/10/1993	12.55	50.56	6.25	44.31	MW-D2	10/20/1993	12.55	50.56	6.48	44.08
MW-1	6/10/1993	22.00	53.89	7.41	46.48	MW-1	10/20/1993	22.00	53.89	7.98	45.91
MW-2	6/10/1993	22.60	54.06	9.24	44.82	MW-2	10/20/1993	22.60	54.06	9.18	44.88
MW-B1	7/8/1993	19.88	49.92	6.64	43.28	MW-B1	11/23/1993	19.88	49.92	6.65	43.27
MW-B2	7/8/1993	23.35	50.77	6.91	43.86	MW-B2	11/23/1993	23.35	50.77	7.26	43.51
MW-B3	7/8/1993	20.88	49.02	6.05	42.97	MW-B3	11/23/1993	20.88	49.02	6.18	42.84
MW-B4	7/8/1993	21.50	49.74	6.14	43.60	MW-B4	11/23/1993	21.50	49.74	6.38	43.36
MW-LD4	7/8/1993	10.60	51.51	7.18	44.33	MW-LD4	11/23/1993	10.60	51.51	7.32	44.19
MW-D1	7/8/1993	12.50	50.56	5.67	44.89	MW-D1	11/23/1993	12.50	50.56	6.08	44.48
MW-D2	7/8/1993	12.55	50.56	6.37	44.19	MW-D2	11/23/1993	12.55	50.56	6.44	44.12
MW-1	7/8/1993	22.00	53.89	7.70	46.19	MW-1	11/23/1993	22.00	53.89	7.92	45.97
MW-2	7/8/1993	22.60	54.06	9.04	45.02	MW-2	11/23/1993	22.60	54.06	9.21	44.85
MW-B1	8/24/1993	19.88	49.92	6.69	43.23	MW-B2	12/10/1998	23.35	50.77	6.43	44.34
MW-B2	8/24/1993	23.35	50.77	7.22	43.55	MW-B3	12/10/1998	20.88	49.02	4.94	44.08
MW-B3	8/24/1993	20.88	49.02	6.21	42.81	MW-B4	12/10/1998	21.50	49.74	6.20	43.54
MW-B4	8/24/1993	21.50	49.74	6.34	43.40	MW-LD4	12/10/1998	10.60	51.51	6.14	45.37
MW-LD4	8/24/1993	10.60	51.51	7.31	44.20	BES-1	12/10/1998	30.00	-	10.18	-
MW-D1	8/24/1993	12.50	50.56	6.01	44.55	MW-D2	12/10/1998	12.55	50.56	5.68	44.88
MW-D2	8/24/1993	12.55	50.56	6.47	44.09	MW-1	12/10/1998	22.00	53.89	7.08	46.81
MW-1	8/24/1993	22.00	53.89	7.70	46.19	MW-2	12/10/1998	22.60	54.06	9.54	44.52
MW-2	8/24/1993	22.60	54.06	9.24	44.82						
MW-B1	9/29/1993	19.88	49.92	8.46	41.46	MW-B2	12/14/1999	23.35	50.77	6.50	44.27
MW-B2	9/29/1993	23.35	50.77	8.80	41.97	MW-B3	12/14/1999	20.88	49.02	5.08	43.94
MW-B3	9/29/1993	20.88	49.02	7.74	41.28	MW-B4	12/14/1999	21.50	49.74	6.05	43.69
MW-B4	9/29/1993	21.50	49.74	7.97	41.77	MW-LD4	12/14/1999	10.60	51.51	6.52	44.99
MW-LD4	9/29/1993	10.60	51.51	7.43	44.08	BES-1	12/14/1999	30.00	-	10.98	-
MW-D1	9/29/1993	12.50	50.56	7.69	42.87	MW-D1	12/14/1999	12.50	49.35	4.60	44.75
MW-D2	9/29/1993	12.55	50.56	7.96	42.60	MW-D2	12/14/1999	12.55	50.56	5.80	44.76
MW-1	9/29/1993	22.00	53.89	7.84	46.05						
MW-2	9/29/1993	22.60	54.06	9.39	44.67						

Appendix A

Groundwater, Soil, and Air Sampling Results

2451 Estand Way
Pleasant Hill, CA 94523-3911
(925) 682-7200 FAX 686-0399

**GROUNDWATER, SOIL, & AIR SAMPLING
RESULTS
ONE, DUNNE PAINTS, CALIFORNIA LINEN
OAKLAND/EMERYVILLE, CALIFORNIA**

JULY 2000

Prepared for:

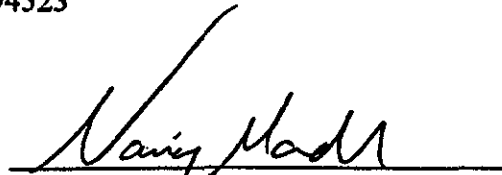
O.N.E. Color Communications
1001 42nd Street
Oakland, CA 94608

Prepared by:

Block Environmental Services, Inc.
2451 Estand Way
Pleasant Hill, California 94523



Ronald M. Block, Ph.D., REA
President



Nancy Mader, EIT
Environmental Engineer



BLOCK ENVIRONMENTAL SERVICES

2451 Estand Way
Pleasant Hill, CA 94523-3911
(925) 682-7200 FAX 686-0399

July,21 2000

Ms. Susan Hugo, Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: Groundwater, Soil, and Air Sampling Results
ONE Color Communications, 1001 42nd St., Oakland, California, and
Former Dunne Paints 1007 41st Street, Emeryville, California

Dear Ms. Hugo:

Block Environmental Services, Inc. (BES) is pleased to provide this report on behalf of ONE Color Communications (ONE) and the current owner of the former Dunne Paints facility for submission to the Alameda County Department of Environmental Health (ACDEH). A workplan outlining the tasks described in this report was submitted to the ACDEH on November 15, 1999, and subsequently approved by Ms. Susan Hugo. The scope of work covered in this report includes the collection of additional groundwater sampling data, subsurface characterization of the former Dunne Paints property, collection of air emissions data, and other tasks necessary to complete a human health risk assessment for the subject property. The purpose of the site work discussed in this report and the forthcoming risk assessment is to satisfy the requirements for obtaining a No Further Action finding for the two properties.

GROUNDWATER SAMPLING

Sampling of Existing Monitoring Wells

On December 14, 1999 BES took depth to groundwater measurements, purged, and collected groundwater samples from each of the seven remaining monitoring wells on and adjacent to the subject properties (MW-B2, MW-B3, MW-B4, MW-D1, MW-D2, MW-LD4, BES-1; locations shown on the attached site map). The depth to static water was measured in each well prior to purging using an electrically activated audible water level indicator accurate to 0.01 inches (Table 2). These measurements were used to calculate the volume of water in each well casing. Disposable bailers were used to purge at least three casing volumes of water prior to sampling. Well purge water was placed in fifty-five gallon drums for storage and disposal, pending receipt of analytical test results.

Samples were collected with a new teflon disposable bailer and a new length of nylon string for each well. Groundwater samples were retained in pre-cleaned, 1-liter, amber glass containers



supplied by the laboratory. Samples were labeled and stored in ice-filled coolers until delivery to analysis requested for each groundwater sample was for total petroleum hydrocarbons as mineral spirits (TPH-ms) using EPA Method 8015M. Copies of the well sampling logs with depth to groundwater measurements and purging information are included in Appendix A.

MW-B4 was the only well noted to have an odor, although it was slight. Floating product was not observed in the bailers collected from any of the wells on Dunne or ONE property. Table 1 below gives a summary of the analytical results from the groundwater sampling event. These values are also shown on the attached site map.

**Table 1: TPH-ms Concentrations in Permanent Monitoring Wells,
December 14, 1999 Sampling Event**

All Data in $\mu\text{g/L}$

Well No.	TPH-ms
MW-B2	630
MW-B3	ND < 50
MW-B4	5,100
BES-1	72,000
MW-LD4	440,000
MW-LD4 ^a	630,000
MW-D1	ND < 50
MW-D2	100

ND = Non-Detect

a. Grab sample collected January 13, 2000

Table A1 (attached) includes these results along with all other analytical results from previous site investigations. A copy of the analytical data as reported by the laboratory is included as an attachment. Figure 4 shows the concentrations measured in the monitoring wells on a site map. Due to the variability of concentrations on the site, based on spatial temporal relationships, site data does not lend itself to creating an iso-concentration or distance-versus-time diagrams. However, inspection of Table A1 and the site map (Figure: 3) illustrate trends at the site.

With the exception of MW-LD4, concentrations of TPH-ms were all lower than those measured the year before. The TPH-ms concentration in MW-B2 was three orders of magnitude lower than it had been measured in two previous sampling events. MW-B3 and MW-D1, which are the farthest down 41st Street and downgradient from the site, were both non-detect.

MW-LD4 exhibited a significant increase in concentration. Therefore, BES elected to collect a grab (i.e. the well as not purged prior to sample collection) sample from the MW-LD4 on January 13, 2000 to confirm whether the concentration reported appeared accurate, given that no floating product or significant odor was noted when the sample was collected. The concentration of TPH-ms in the grab sample was of the same order of magnitude as that collected on December 14, 1999.



Groundwater Gradient

Depth to groundwater measurements made prior to well sampling and the corresponding water table elevations are shown in Table 2.

Table 2: Groundwater Elevation Data, December 14, 1999
 Elevations are given in feet above mean sea level (msl)

Well No.	Depth of Well (feet)	TOC Elevation (msl)	Depth to Water (feet)	Ground-water Elevation (msl)
MW-B2	23.35	50.77	6.50	44.27
MW-B3	20.88	49.02	5.08	43.94
MW-B4	21.50	49.74	6.05	43.69
MW-LD4	10.60	51.51	6.52	44.99
BES-1 ^a	30.00	-	10.98	-
MW-D1	12.50	49.35	4.60	44.75
MW-D2	12.55	50.56	5.80	44.76

a. Elevation of well casing has not been surveyed

Table A2 (attached) shows this data along with all groundwater elevation data collected in previous sampling events.

Groundwater elevations measured December 14, 1999 were nearly identical to those measured December 13, 1998, each differing by less than 1 percent. The data indicates that the flow direction can generally be described as to the west. A determination of the north-south component of the groundwater flow direction is difficult given the locations of the existing wells and that MW-B1 no longer exists. The fact that MW-B4 had the lowest elevation even though it is located almost linearly between MW-B3 and MW-B2 may indicate a localized condition brought about by the presence of a higher permeability layer (i.e. sand lens) within surrounding soils. This condition was also noted in 1998. Because of this inconsistency and the fact that an accurate determination of the north-south component of groundwater cannot be determined, a groundwater gradient diagram was not developed.

If a value is assumed for the hydraulic conductivity of the site's soils, the groundwater flow rate in an unconfined aquifer can be approximated using the Dupuit equation. The general range of hydraulic conductivity for clay is 10^{-9} to 10^{-6} cm/s, for silt, sandy silts and clayey sands it is 10^{-6} to 10^{-4} cm/s, and for silty sands and fine sands it is 10^{-5} to 10^{-3} cm/s (Fetter, 1994). Using 10^{-5} cm/s as a conservative value for the site's Bay Mud soils yields a groundwater flow rate of 0.17 ft/year.

Installation and Sampling of Temporary Monitoring Wells

In order to determine whether TPH-mineral spirits contamination has migrated downgradient to Adeline Street, as well as whether groundwater beneath the former Dunne Paints property has



been impacted by past or current operations on the property, BES selected four locations to install temporary monitoring wells and collect grab groundwater samples (HP-1, HP-2, HP-3, and HP-4). Their locations are shown on Figure 2.

C-57 licensed contractor Gregg Drilling, under the supervision of BES, advanced borings for the four temporary wells on December 14, 1999. Borings for the temporary wells were installed using direct-push (a.k.a. hydropunch) drilling methods, which minimized the generation of soil cuttings. Following completion of the borings the temporary wells were constructed by inserting a new, ¾-inch diameter, schedule 40 PVC pipe with flush-threaded joints into each boring. Each casing was assembled such that it was screened to at least two feet above the approximate depth of water table with 0.02-inch slots, while the remainder of the casing consisted of blank pipe.

Boring HP-4, located in a driveway on the former Dunne Paints property, was completed first. Saturated soil with a slight mineral spirits odor was encountered at a depth of approximately 10 feet below ground surface (bgs) and the boring was completed to 15 feet bgs. Following the completion of construction, no appreciable quantity of groundwater had entered the well by the end of the day on December 14. It is believed that this was due to smearing of the predominantly clay soils by the hydropunch as it was inserted into the boring.

HP-1 was completed following HP-4 to a total depth of 12 feet bgs. Groundwater flow into this well was slow, however BES was able to purge approximately one gallon from the well and collect a sample by the afternoon of December 14th.

Borings for HP-2 and HP-3 were completed following HP-1 to depths of 11.7 and 14.85 feet bgs, respectively. Although drilled to approximately 5 feet below the depth at which saturated soil was first encountered, as with HP-4, no groundwater had entered either of these wells by the end of the day on December 14. BES returned December 15 and was able to collect a grab groundwater sample (i.e. the well was not purged prior to sampling) by midday from HP-3. However HP-2 and HP-4 still did not have sufficient groundwater to sample. BES elected to abandon all of the wells, grout each of the borings, and return for a second day of drilling pending the availability of the drilling contractor.

BES and Gregg Drilling conducted a second day of drilling on January 13, 2000. By this time, BES had received analytical results from the groundwater samples collected on December 14 and 15. An appreciable concentration of TPH-mineral spirits (21,000 µg/L) was detected in the sample from HP-1. BES believed that, given the level of TPH-mineral spirits detected, cross-contamination may have occurred from either the drilling, purging, or sampling process. Therefore in addition to making a second attempt at installing HP-2 and HP-4 immediately adjacent to the original locations, BES elected to install a second boring for HP-1 as well. For the second round of drilling, 5 ½-inch augers were used in order to drill to greater depths and avoid the smearing affect experienced with the use of the hydropunch. Soil cuttings were placed in 55-gallon drums for storage and disposal.

HP-1, HP-2, and HP-4 were drilled to depths of 25, 20, and 30 feet bgs, respectively. One hour



after completion of drilling, approximately 3 feet of water had entered HP-1 and a grab sample was collected. HP-2 and HP-4 filled with water immediately after the completion of drilling, and grab samples were collected from each. Following sample collection on January 13, 2000 all temporary monitoring wells were abandoned and grouted to the surface with cement.

All groundwater samples from the temporary wells were collected using a stainless steel bailer cleaned with trisodium phosphate (TSP) solution, triple rinsed, and allowed to dry prior to use. Groundwater samples were retained in pre-cleaned, 1-liter, amber glass containers supplied by the laboratory. Samples were labeled and stored in ice-filled coolers under strict chain-of-custody protocols until delivery to Chromalab. The analysis requested for each groundwater sample was for TPH as mineral spirits using to EPA Method 8015M. Copies of the well sampling logs are included in Appendix A.

Table 3 below gives a summary of all analytical results from sampling of the four temporary monitoring wells.

**Table 3: TPH-ms Concentrations in Temporary Monitoring Wells,
December 14-15, 1999, January 13, 2000 Sampling Events**
All Data in $\mu\text{g/L}$ (ppb)

Well No.	TPH-ms
HP-1 ^a	21,000
HP-1 ^c	ND <50
HP-2 ^c	67
HP-3 ^b	ND < 56
HP-4 ^c	570

ND = Non-Detect

- a. Sample collected December 14, 1999
- b. Sample collected December 15, 1999
- c. Sample collected January 13, 1999

A copy of the laboratory data for each analysis is included as an attachment.

As discussed above, it is possible that the sample collected from HP-1 on December 14, 1999 was cross-contaminated from boring HP-4, which appears to have been confirmed by the analytical result for the grab sample collected from the same location on January 13, 2000. Therefore, it appears based on these results that TPH-ms contamination in groundwater has not migrated downgradient to Adeline Street. A low concentration of TPH-ms was detected in HP-2 near down 41st Street near Adeline. TPH-ms was detected in HP-4 at 570 $\mu\text{g/L}$. The source of this contamination is unknown.

SOIL SAMPLING

Borings at Former Dunne Paints

BES collected soil samples from two locations in the former varnish production portion of the former Dunne Paints property (located in the center of its southern edge), which currently houses a furniture restoration business. One sample location (DV) was adjacent to what appeared to be a storm drain next to one of the former varnish kettles. Upon closer inspection during site sampling, it was apparent that this was actually an air vent servicing the adjacent former kettle, which probably served to provide oxygen to fires heating the kettles. Sampling was still conducted in this location to determine whether the vent maintained its integrity given that stains and solvents may have been poured into the vent. The second sampling location (DS) was an exposed rectangular patch of soil with approximate dimensions of 2 by 3 feet in another portion of the former Dunne Paints varnish production area.

On December 14, 1999 BES contracted with a concrete corer to core adjacent to the vent opening in order to access soil for sampling. The concrete adjacent to the vent was approximately 1 foot thick, and therefore boring with a hand auger began at this depth. Samples were collected at the soil surface (i.e. 1 foot bgs) 3, and 5 feet bgs using a hand auger assembly fitted with a split spoon sampler. Samples were collected in clean, two-inch diameter, six-inch long brass liners. Because hand augering the clay soils proved highly difficult and the samples and soil cuttings did not exhibit an odor or other evidence of contamination, BES halted the boring after collecting the sample at 5 feet. The boring was subsequently grouted to the surface with concrete.

Only the sample from 3 feet bgs (DV3) was submitted for laboratory analysis, since it would provide the best indication of whether soil had been contaminated in this area given that it was immediately below the depth of the vent conduit (believed to be approximately 2 feet bgs). The remainder of the sample was held in a BES laboratory refrigerator cooled below 4°C pending analytical results for DV3.

On January 13, 2000, BES collected samples in 2-inch brass liners from the exposed patch of soil at the soil surface (DS-0) and a depth of 2 feet bgs (DS-2). Soil was excavated with a clean, stainless steel hand shovel to a depth of 2 feet. A 1-inch layer of crust, perhaps hardened lacquer or similar substance, requiring the use of a pick to break through, was encountered just below the surface. A piece of this layer was included in the soil sample collected at the surface. The surface sample had a TPH-ms odor; this odor dissipated with depth and was not apparent in the sample collected from 2 feet bgs.

Samples were sealed with teflon tape capped, labeled, and stored in ice-filled coolers under strict chain-of-custody protocols until delivery to Chromalab. Samples DV3, DS-0, and DS-2 were analyzed by Chromalab for metals (EPA Method 6010), volatile organic compounds (VOCs) (8260), semi-volatile organic compounds (8270), and TPH as mineral spirits (8015).

A summary of the concentrations of detected chemicals in these samples is provided in Table 4.



**Table 4: Concentrations of Detected Chemicals in Soil Samples
 From Former Dunne Paints Varnish Production Area
 December 15, 1999, January 13, 2000 Sampling Events**
 All Data in mg/kg (ppm)

Depth	DV-3	DS-0	DS-2
	3 feet	Surface	2 feet
Antimony	ND < 2.0	6.5	ND < 2.0
Arsenic	3.5	7.4	4.4
Barium	120	510	120
Cadmium	ND < 0.50	24	ND < 0.50
Chromium	34	93	33
Cobalt	10	88	9.9
Copper	24	100	33
Lead	9.8	1900	31
Molybdenum	ND < 1.0	3.1	ND < 1.0
Nickel	44	29	49
Vanadium	31	15	28
Zinc	72	4100	98
Mercury	0.055	2700	0.69
Acetone	0.055	ND < 12	ND < 0.05
Benzene	ND < 0.0050	2.3	ND < 0.0050
Napthalene	ND < 0.010	3.1, 32 ^a	ND < 0.010
Xylenes	ND < 0.010	4.6	ND < 0.010
TPH-ms	ND < 10	15000	20

a. First quantity is from method 8260 for VOCs, second is from Method 8270 for SVOCs.

A copy of the laboratory data for all analytes is included as an attachment.

It does not appear that soils below the vent have been affected by site activities. The only organic compound detected was acetone, which is a common laboratory contaminant. Therefore, BES does not recommend further site work in this area.

Analytical results for DV-0 indicate detectable levels of metals, benzene, napthalene, xylenes, and TPH-ms. This contamination appears to be confined to surface soils, as the sample from a depth of 2 feet indicated only a detectable concentration of TPH-ms (20 mg/kg) among organics, and metals concentrations were significantly reduced. BES recommends excavation and disposal of the contaminated soil in this area to an appropriate land-fill.

AIR SAMPLING

BES conducted ambient and emission flux chamber air sampling in order to provide data for use in the risk assessment concerning the emission of vapors from soil and groundwater into indoor air on the two properties. Both an indoor ambient sample (ONE-DESK) and a flux chamber

sample (ONE-FLUX) were collected from the basement of the ONE office and printing building, near 41st Street. A flux chamber sample only (DUNNE-FLUX) was collected from the Dunne Paints building in a room that was formerly used for solvent mixing. In addition, an ambient background sample (ONE-AMB) was collected from just north of the ONE building, adjacent to 42nd Street. Sampling locations are shown in Figure 3.

All samples except ONE-DESK were collected on December 15, 1999. ONE-DESK had to be re-sampled on January 13, 2000 due to a defective flow restrictor discovered once sampling had commenced on December 15, which invalidated the original sample. ONE-DESK was collected at a height of 3.5 feet, the approximate breathing zone height for an adult sitting at a desk. ONE-AMB was collected at a height of 5 feet, the approximate breathing zone height for a standing adult.

The ambient air samples were collected according to U.S. EPA Method TO 14, as described in *Compendium of Methods for the Determination of Air Pollutants in Indoor Air*, AREAL, 1989, Research Triangle Park. Samples were collected in stainless steel, 6-liter, passivated and pre-evacuated SUMMA canisters attached to flow constrictors set to meter a constant flow of air over an 8-hour sampling period. The sample collection procedure consisted of securing each canister at the specified location and height and noting the starting vacuum pressure once the inlet valve was opened. Each canister's pressure gauge was checked several times throughout the collection period in order to verify that the canister still held adequate vacuum pressure and was decreasing uniformly. At the end of the 8-hour sampling period the inlet valve on the canister was closed and the valve was sealed with a brass cap.

Flux chamber air samples were collected in stainless steel canisters placed on the floor surface, and then transferred into evacuated SUMMA canisters for transport to the analytical laboratory. Prior to sampling, the chambers were purged with inert, nitrogen gas. Following equilibration to steady state conditions (approximately six hours), a 6-liter aliquot was collected in a certified clean Summa[®] canister provided by the laboratory.

Once the samples were collected, the sealed SUMMA canisters were shipped overnight under chain-of-custody documentation to Air Toxics Ltd., a State-certified laboratory. Upon receipt, Air Toxics verified the validity of each VOC sample by checking that each canister had maintained vacuum pressure. According to the analytical method, the samples were then concentrated in a cryogenic trap and analyzed by Gas Chromatography/Mass Spectroscopy (GC/MS) for VOCs using a modified EPA Method TO 14, which included comparing the GC/MS results with approximately 80,000 specific VOCs in the National Bureau of Standards (NBS) library to identify all chemicals detected.

Table 5 shows the concentrations of all VOC compounds detected in the air samples.



**Table 5: Concentrations of Detected VOCs in Air Samples
 December 14, 1999 and January 13, 2000**

All Data in $\mu\text{g}/\text{m}^3$

Chemical	ONE-AMB	ONE-FLUX	ONE-DESK*	DUNNE-FLUX
Chloromethane	ND < 1.8	ND < 2.0	3.6/2.9	ND < 2.0
Methylene Chloride	3.1	4.6	4.0/3.7	72
Benzene	3.5	ND < 3.2	9.2/8.4	4.6
Toluene	11	15	270/280	110
Ethylbenzene	ND < 3.9	ND < 4.3	4.8/4.2	ND < 4.1
m,p-Xylene	ND < 3.9	ND < 4.3	18/18	5.7
o-Xylene	ND < 3.9	ND < 4.3	6.4/6.6	ND < 4.1
1,2,4-Trimethylbenzene	ND < 4.4	ND < 4.9	5.7/5.7	ND < 4.7
Acetone	12	170	290/290	670
2-Propanol	ND < 8.7	39	44/38	120
2-Butanone	ND < 10	ND < 12	ND < 11	12
Hexane	ND < 10	330	100/100	150
Cyclohexane	ND < 12	ND < 14	51/52	19
1,4-Dioxane	ND <	ND < 14	18/18	ND < 14
Ethanol	8.9	20	66/53	68
Heptane	ND	ND < 16	240/230	ND < 16
TPH-Hexane	43	750	2,200/2,300	1,800

a. Duplicate analysis performed by laboratory, both data reported.

A copy of the laboratory data for all analytes is included as an attachment.

RISK ASSESSMENT CONCEPTUAL MODEL

U.S. EPA's Risk Assessment Guidance for Superfund specifies that a conceptual model "... identifies all potential or suspected sources of contamination, types and concentrations of contaminants detected at the site, potentially contaminated media, and potential exposure pathways, including receptors. The conceptual model is presented in Figure 4.

The former on-site underground storage tanks located under the sidewalk on either side of 41st Street are the only significant sources of contamination that have been identified at the site (Figure 3). The only material known to have been stored in them is mineral spirits for use in manufacturing paints by both Dunne and Boysen Paints, which formerly occupied the site. All tanks were excavated and removed in 1987 and 1988, and some or all were confirmed to have leaked.

Groundwater samples from throughout the site have been analyzed for VOCs and various types of TPH. Except for a few concentrations of BTEX compounds above analytical detection limits, all samples have been non-detect for VOCs (Table A1). Hydrocarbons detected in groundwater appear to most closely match the mineral spirits profile.

Soil and groundwater are known to be contaminated with TPH as mineral spirits. Indoor air

sampling in buildings on the ONE property and former Dunne Paints property indicated elevated levels of TPH and some VOCs in indoor air.

Areas of contamination, which occur under the ONE property, former Dunne Paints property, sidewalks on either side of 41st Street, and 41st Street, are completely paved with either concrete or asphalt. Therefore, there is no complete exposure pathway for contaminants in soil, either through the dermal, inhalation, or ingestion routes.

BES contacted the California Department of Water Resources to determine if there are any wells located within 2,000 feet of the site. DWR stated that the only wells located within this radius are groundwater monitoring wells. DWR could not provide further information on the wells without either consent from the well owner or a request from a regulatory agency. Because there are no drinking water wells in the site vicinity and drinking water in the vicinity is known to be supplied from surface water sources originating in the Sierra Nevada mountain range, BES concludes that groundwater in the vicinity of the site is not and is not likely to be used for drinking purposes, and ingestion of groundwater would not be considered a complete exposure pathway for the purpose of a human health risk assessment (HRA). In addition, it is known that a condition for site closure will be a deed restriction prohibiting the use of the site's groundwater.

No surface water is present at or near the site, and therefore dermal contact with contaminated water is not a potential exposure pathway.

Inhalation of chemicals present at the site is the only complete exposure pathway. The air sampling data presented above will be used to quantitatively assess risk to human health from this pathway. A surrogate approach will be used to address risk from TPH. The rationale for selection of a surrogate(s) will be detailed in the HRA.

Potential human receptors at the site under current land-use activities include adult workers. Because there are plans to develop the former Dunne Paints property for live/work space, a residential exposure scenario will also apply. In order to most conservatively assess risks to human health, the HRA will consider a child resident receptor to be the potentially maximally exposed individual (MEI).

A Risk Management Plan will be developed as part of the risk assessment to address planned construction activities for the former Dunne Paints property. Since contamination has been found on the former Dunne Paints property, procedures will need to be in place in order to protect worker health and safety and to provide procedures for dealing with contamination encountered during demolition/construction activities.

CONCLUSIONS

- Groundwater sampling results were mostly consistent with those of previous sampling events. With the exception of one well, all wells had lower concentrations of TPH-ms than was measured in 1998.



- Detectable concentrations of TPH and several VOCs were present in ambient air as well as indoor air in buildings on the ONE and former Dunne Paints properties. This air sampling data will provide a basis for determining risks to human health in a risk assessment, as inhalation of contaminants in air is the only complete exposure pathway on-site.
- The risk assessment will use a conservative residential scenario to quantitatively assess risk to human health at both Dunne and ONE facilities.
- Surface soils from a 2 x 3 foot patch of exposed soil in the varnish production area of the former Dunne Paints facility should be excavated and disposed in an appropriate land-fill.
- Soils adjacent to a vent on the former Dunne Paints property appear not have been affected from apparent spills on concrete around the grate, and therefore BES does not recommend further site work in this area.

BES will proceed in preparing a human health risk assessment for the site. Please contact us if you have any questions or comments.

Very truly yours,
BLOCK ENVIRONMENTAL SERVICES, INC.

A handwritten signature in black ink, appearing to read "Ronald M. Block", written in a cursive style.

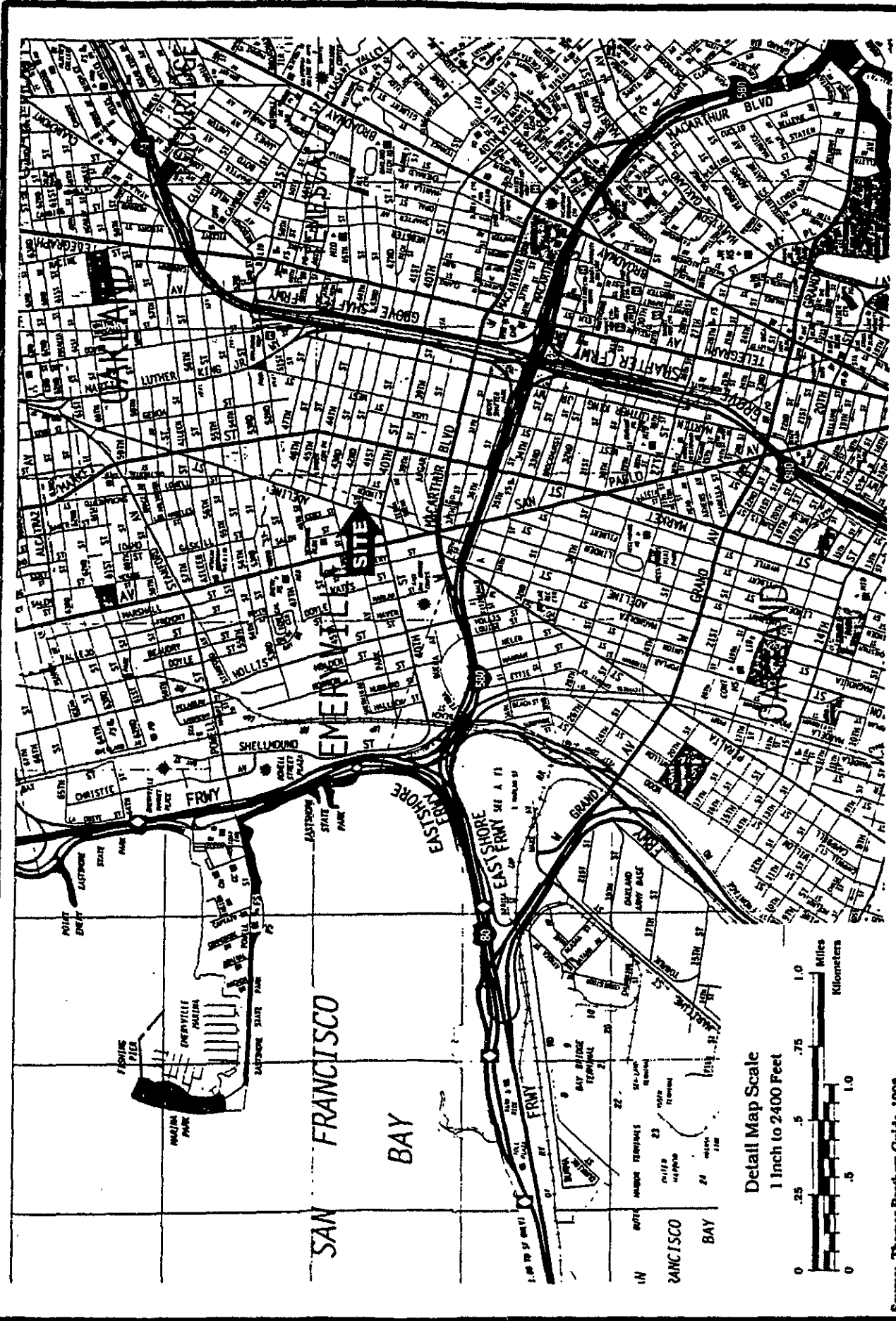
Ronald M. Block, Ph.D., REA
President

A handwritten signature in black ink, appearing to read "Nancy Mader", written in a cursive style.

Nancy Mader, EIT
Environmental Engineer

Attachments: Figures 1 to 4, Tables A1 and A2, Groundwater Sampling Logs, Laboratory Data Reports

cc: Chuck Headlee, San Francisco Bay Regional Water Quality Control Board
L. Randolph Harris, Harris and Harris
Kim Craft, ONE Color Communications



ONE, Duane Paints, California Linea
 41st Street at Adeline and Linden
 Oakland/Emeryville, California
 Project No. 9813 January, 1999

Figure 1: Site Vicinity

Source: Thomas Brothers Guide, 1998

BES
 BLOCK ENVIRONMENTAL SERVICES, INC.
 2451 Broad Way
 Pleasant Hill, CA 94523
 (925) 682-7200 FAX 686-0399

N

MW-D1

MW-B3

MW-B1

MW-B4

MW-B2

BES-1

MW-LD4

MW-D2

Dunne
Quality
Paints

41st Street

ONE Color
Communications

Linden Street

MW-2

MW-1

California
Linen Rental

Monitoring Well
Drawing Not to Scale

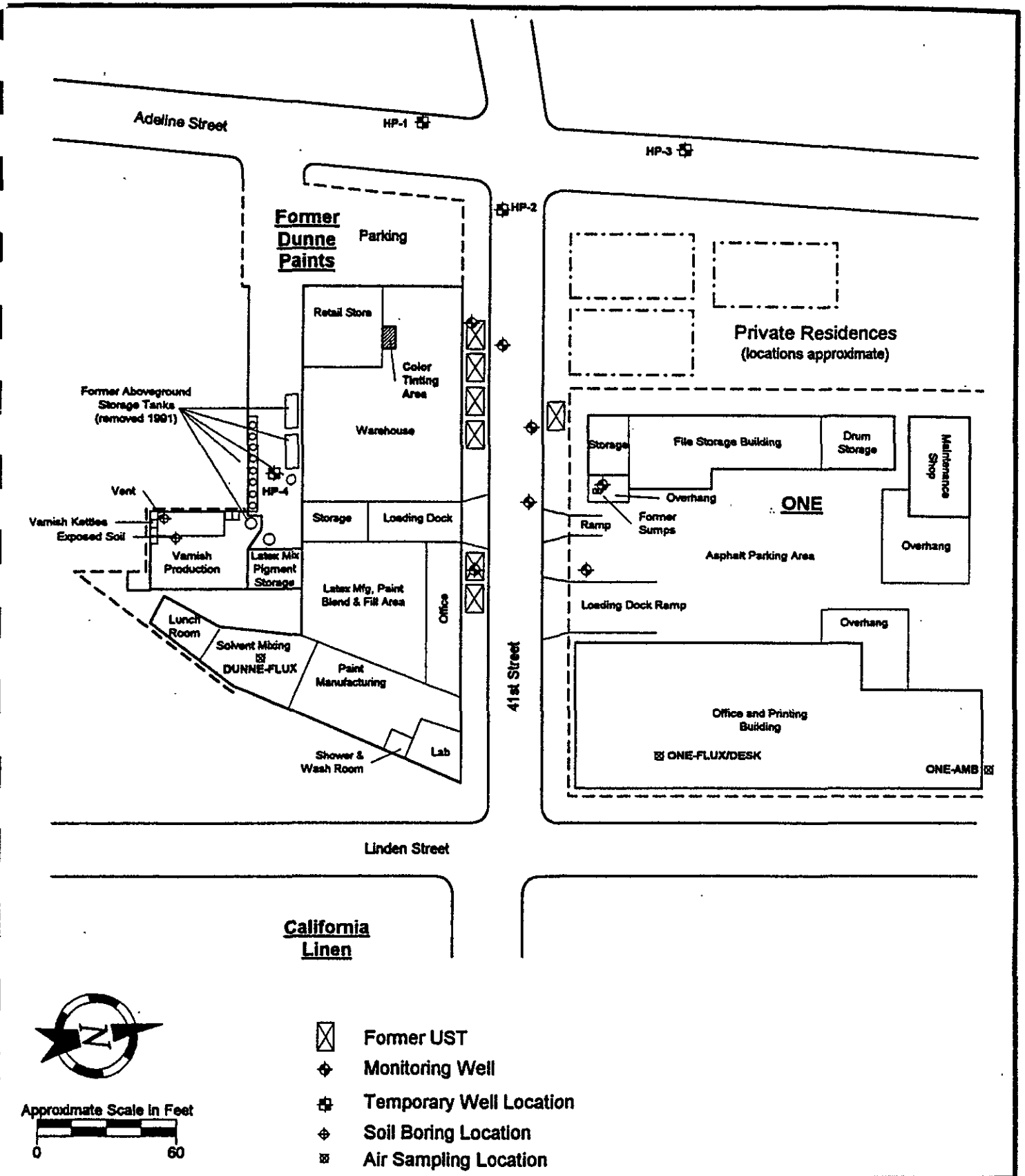
BES

Block Environmental Services, Inc.
2451 Estand Way
Pleasant Hill, CA 94523
(925) 682-7200 Fax: 686-0399

**Figure 2: Monitoring Well
Locations**

ONE Color Communications
1010 41st St
Emeryville, CA 94608

July, 2000

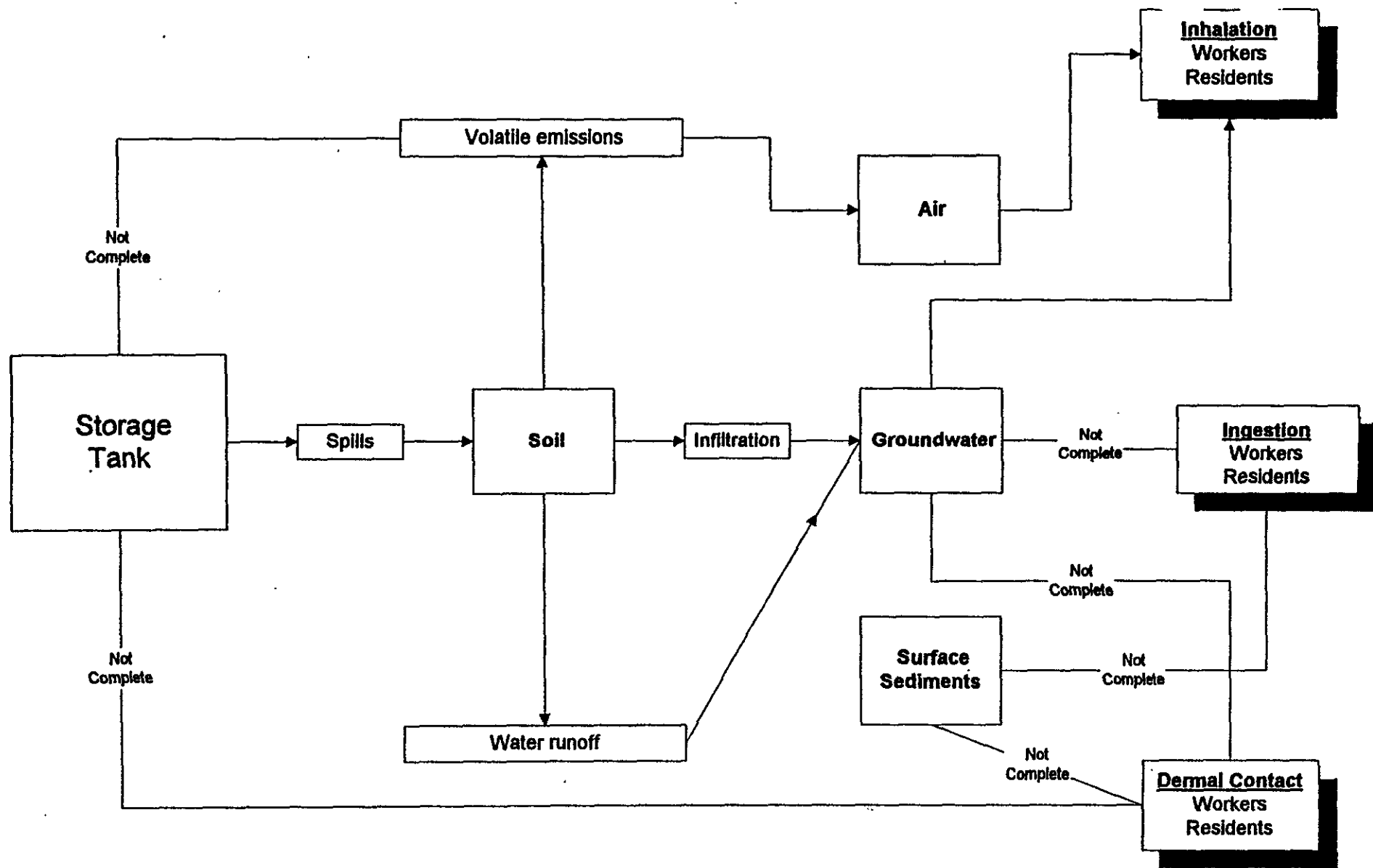


BES
 Block Environmental Services, Inc.
 2451 Estand Way
 Pleasant Hill, CA 94523
 (925) 682-7200 Fax: 686-0399

Figure 3: Site Map With Property Use Since 1991

ONE/Former Dunne Paints
 41st Street at Adeline and Linden
 Oakland/Emerville, California

Project No. 9813 March, 2000



BES

Block Environmental Services, Inc.
 2451 Estand Way
 Pleasant Hill, CA 94523
 (925) 682-7200 Fax: 686-0399

Figure 4: Conceptual Model

One Color Communications
 1010 41st Street
 Emeryville, California 94608

March 2000

TABLES

TABLE A1: Summary of Groundwater Sampling Analyses
ONE, California Linen, and Dunne Quality Paints, Oakland/Emeryville, California
 All Concentrations in ug/L

Well No.	Date	TPH-4	TPH (non-diesel)*	TPH-2	TPH (non-gasoline)**	Kerosene	Mineral Spirits	Benzene	Ethylbenzene	Toluene	Total Xylenes	MIBK	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	1,1-Dichloroethylene (DCE)	Methylene Chloride
MW-B1	9/30/1991	ND < 50	-	18,000	-	29,000	-	5	250	6	900	-	ND	ND	ND	ND
	6/16/1993	-	27,000	-	57,000	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	43,000	ND	ND	ND	ND	-	ND	ND	ND	ND
MW-B2	6/16/1993	-	3,800	-	1,400	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	290,000	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND < 1,000	-	ND	2,400	ND < 1,000	150,000	ND	ND	ND	ND	ND < 250	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	630	-	-	-	-	-	-	-	-	-
MW-B3	6/16/1993	-	1,700	-	510	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	2,400	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND	-	ND	830	ND	120	ND	ND	ND	ND	ND < 50	ND	ND	ND	ND
12/14/1999	-	-	-	-	-	ND < 50	-	-	-	-	-	-	-	-	-	
MW-B4	6/16/1993	-	36,000	-	36,000	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	1,400	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	1,000	-	ND	2,700	ND	7,500	ND	ND	ND	ND	ND < 50	ND	ND	ND	ND
12/14/1999	-	-	-	-	-	5,100	-	-	-	-	-	-	-	-	-	
BES-1	4/21/1994	18,000	-	-	-	-	12,000	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	ND < 1,000	-	***	-	ND < 1,000	78,000	ND	ND	ND	ND	ND < 250	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	72,000	-	-	-	-	-	-	-	-	-
MW-LD4	9/30/1991	-	-	-	-	-	-	2.0	9.0	3.1	24	-	-	-	-	-
	6/16/1993	-	21,000	-	1,100	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/29/1993	-	-	-	-	-	700	ND	ND	ND	ND	-	ND	ND	ND	ND
	12/10/1998	170	-	ND	83	ND	130	ND	ND	ND	ND	ND < 5.0	ND	ND	ND	ND
	12/14/1999	-	-	-	-	-	440,000	-	-	-	-	-	-	-	-	-
	1/13/2000(g)	-	-	-	-	-	630,000	-	-	-	-	-	-	-	-	-
MW-D1	8/26/1988	-	-	-	-	-	1,000	-	-	-	-	-	-	-	-	-
	1/18/1989	-	-	-	-	-	ND < 1,000	ND	ND	2.0	1.8	-	-	-	-	-
	4/24/1989	-	-	-	-	-	ND < 1,000	ND	ND	ND	1.1	-	-	-	-	-
	2/21/1990	ND	-	ND	-	ND	ND < 100	ND	0.4	ND	1.3	-	-	-	-	-
	6/10/1992	ND	-	ND	-	ND	ND < 50	ND	ND	ND	ND	-	-	-	-	-
	6/10/1993	-	220	-	230	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/24/1993	ND	-	ND	-	-	ND < 50	ND	ND	ND	ND	-	-	-	-	-
	9/29/1993	-	-	-	-	-	110	ND	ND	ND	ND	-	ND	ND	ND	ND
12/14/1999	-	-	-	-	-	ND < 50	-	-	-	-	-	-	-	-	-	
MW-D2	8/26/1988	-	-	-	-	-	1,600	-	-	-	-	-	-	-	-	-
	1/18/1989	-	-	-	-	-	ND < 1,000	ND	ND	6.3	12	-	-	-	-	-
	4/24/1989	-	-	-	-	-	ND < 1,000	ND	ND	ND	7.7	-	-	-	-	-
	2/21/1990	-	-	-	-	-	300	ND	0.3	ND	1.5	-	-	-	-	-
	6/10/1992	ND	-	ND	-	-	76	ND	ND	ND	ND	-	-	-	-	-
	6/10/1993	-	9,100	-	6,200	-	-	ND	ND	ND	ND	-	ND	ND	ND	ND
	9/24/1993	ND	-	ND	-	-	ND < 50	ND	ND	ND	ND	-	-	-	-	-
	9/29/1993	-	-	-	-	-	220	ND	ND	ND	ND	-	-	-	-	-
	12/10/1998	ND	-	ND	95	ND	180	ND	ND	ND	ND	ND < 5.0	ND	ND	ND	ND
12/14/1999	-	-	-	-	-	100	-	-	-	-	-	-	-	-	-	
HP-1	12/14/1999(g)	-	-	-	-	-	21,000	-	-	-	-	-	-	-	-	-
HP-1	1/13/2000(g)	-	-	-	-	-	ND < 50	-	-	-	-	-	-	-	-	-
HP-2	1/13/2000(g)	-	-	-	-	-	67	-	-	-	-	-	-	-	-	-
HP-3	12/15/1999(g)	-	-	-	-	-	ND < 56	-	-	-	-	-	-	-	-	-
HP-4	1/13/2000(g)	-	-	-	-	-	570	-	-	-	-	-	-	-	-	-

* - Not Tested
 ND - Non Detectable

* TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the diesel range
 ** TPH chromatogram pattern indicated a mix of TPH carbon chains not typical of the gasoline range
 *** Insufficient quantity of sample for analysis
 **** Discrepancy in elevation surveys
 g Grab Sample

Appendix B

Records Search



ENVIRONMENTAL RECORD SEARCH

for the site

FORMER DUNNE QUALITY PAINT

1007 41ST ST, OAKLAND

performed for

BLOCK ENVIRONMENTAL

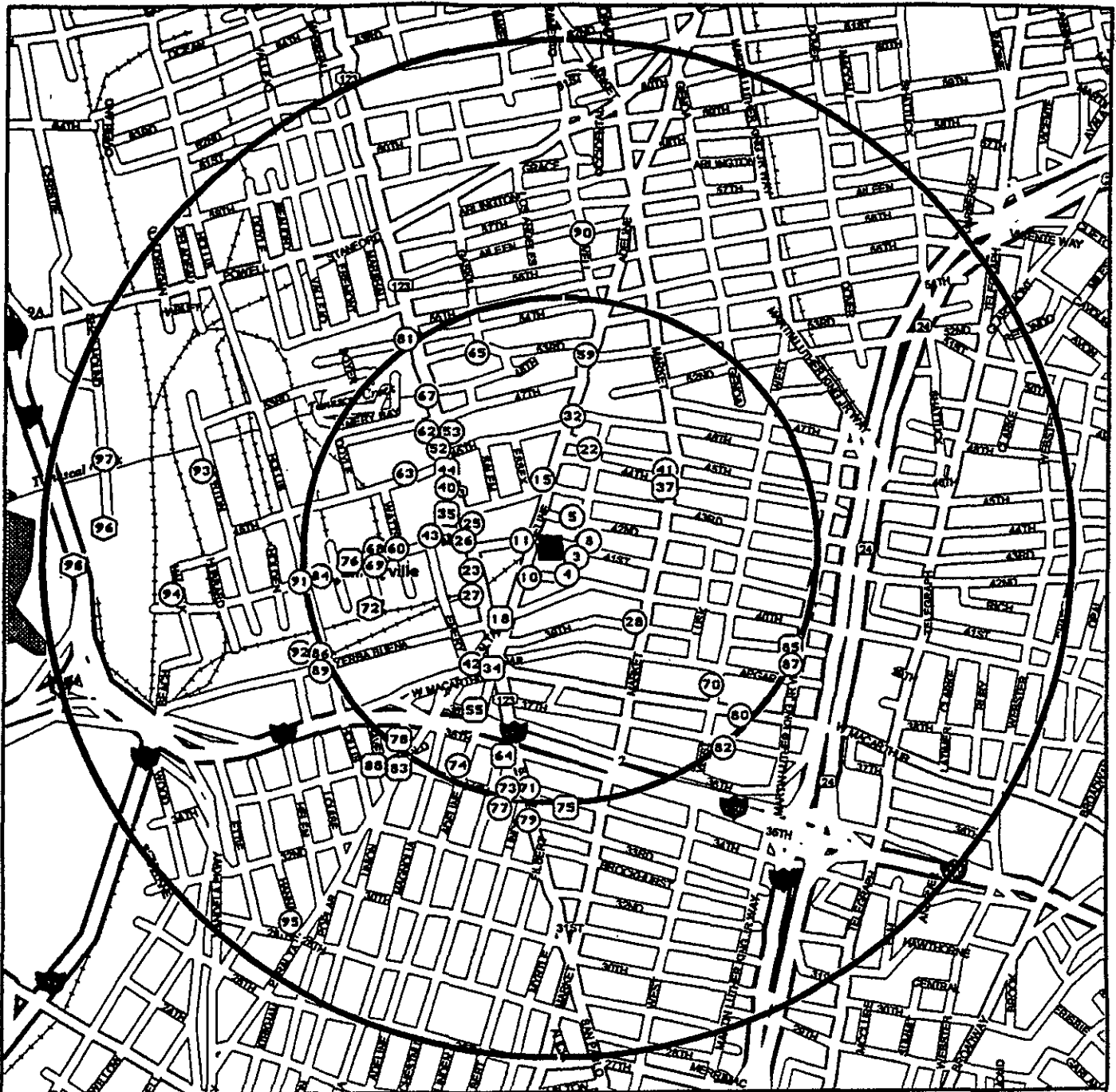
11-22-2000

INTRODUCTION

This document, prepared on the request of BLOCK ENVIRONMENTAL, reports the findings of BBL's investigation of environmental concerns in the vicinity of 1007 41st St, Oakland. It is divided in the following segments:

- ◆ Map - showing the location of the identified sites relative to the subject site. A total of 98 separate sites were identified.
- ◆ Summary - listing the identified sites by street names.
- ◆ Final Report - describing the sources investigated and the resulting findings:

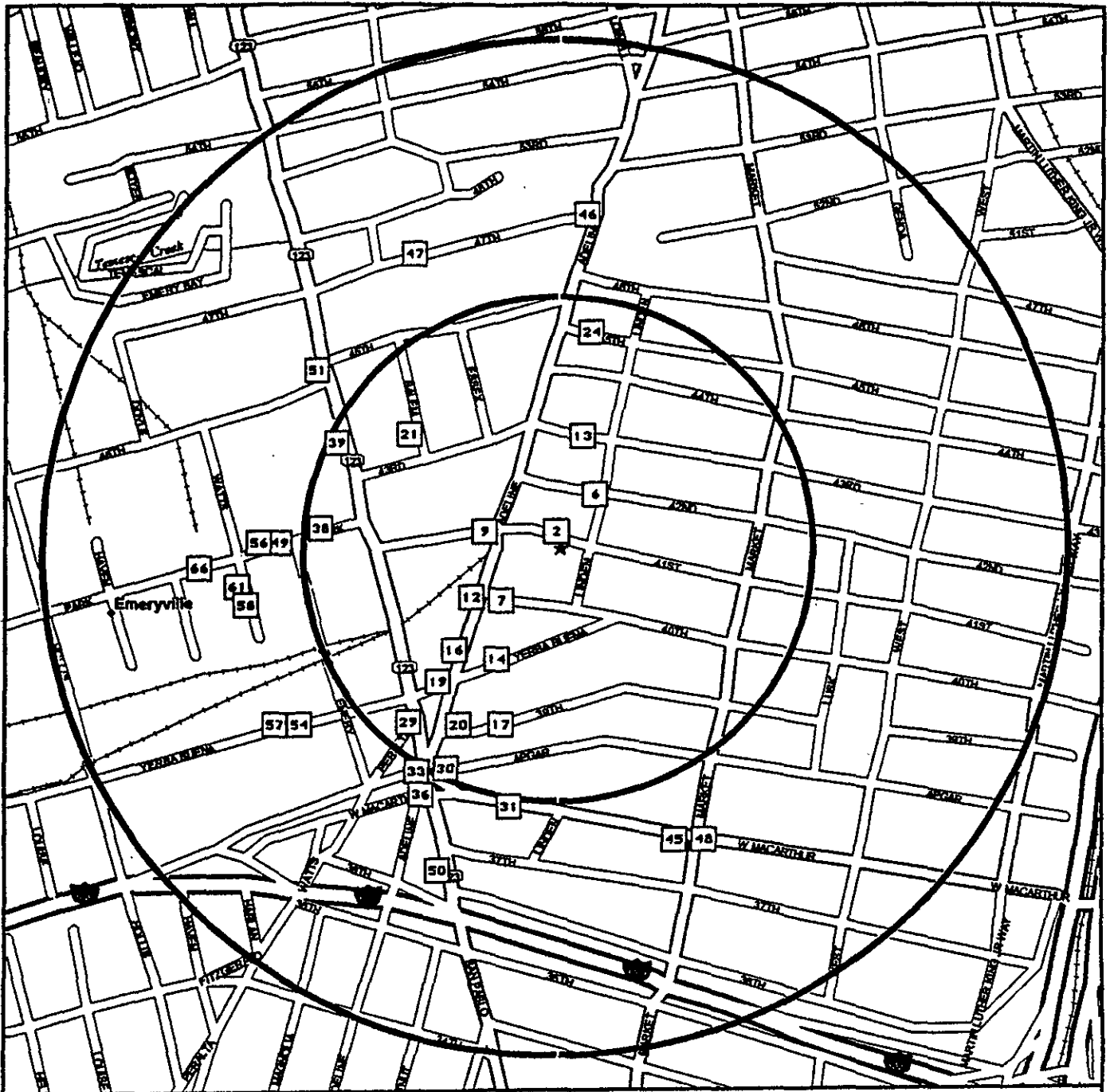
- Federal sources			
National Priority List	no sites	within 1 mile radius.	Page: 1
CERCLIS	no sites	within half of a mile.	1
NFRAP	no sites	within a quarter of a mile.	2
Federal Facilities	no sites	within half of a mile.	2
Emergency Response Notification System	4 sites	within a quarter of a mile.	2
Site Enforcement Tracking System	1 site	within half of a mile.	3
Enforcement Docket System (DOCKET/COETS)	no sites	within a quarter of a mile.	3
C-Docket	no sites	within a quarter of a mile.	4
RCRA Violators List	7 sites	within 1 mile radius.	4
Federal Enforcement Dockets	no sites	within a quarter of a mile.	5
- California State sources			
Annual Work Plan	2 sites	within 1 mile radius.	5
CALSITES	2 sites	within half of a mile.	6
CALSITES - No Further Action	3 sites	within a quarter of a mile.	7
Cortese	no sites	within half of a mile.	7
Leaking Underground Storage Tanks	45 sites	within half of a mile.	8
Solid Waste Information System	no sites	within 1 mile radius.	13
Well Investigation Program	no sites	within 1 mile radius.	13
Drinking Water Program	no sites	within half of a mile.	14
- Regional sources			
Toxic Releases	6 sites	within half of a mile.	14
Toxic Pits	no sites	within 1 mile radius.	15
Solid Waste Assessment Test - Regional	1 site	within 1 mile radius.	16
- Operating permits			
RCRA Generators	10 sites	within a quarter of a mile.	17
RCRA - TSD Facilities	no sites	within 1 mile radius.	18
SARA Title III, section 313 (TRIS)	3 sites	within a quarter of a mile.	19
Nuclear Regulatory Commission Licensees	no sites	within a quarter of a mile.	19
PCB Waste Handlers Database	no sites	within a quarter of a mile.	20
Permit Compliance System (PCS)	no sites	within a quarter of a mile.	20
AIRS Facility System (AFS)	3 sites	within a quarter of a mile.	20
Section Seven Tracking System	1 site	within a quarter of a mile.	21
FIFRA/TSCA tracking system	no sites	within a quarter of a mile.	21
Federal Facilities Information System (FFIS)	no sites	within a quarter of a mile.	21
Chemicals in Commerce Information System	no sites	within a quarter of a mile.	21
FINDS EPA Facility Index System	1 site	within a quarter of a mile.	22
Hazardous Waste Information System	46 sites	within a quarter of a mile.	22
Underground Storage Tanks	21 sites	within a quarter of a mile.	31



- ENVIRONMENTAL CONCERNS - HIGH PRIORITY
- ENVIRONMENTAL CONCERNS
- ENVIRONMENTAL CONCERNS - WITH A 'NO FURTHER ACTION' STATUS'
- OPERATING PERMITS ONLY
- ⊞ WATER WELLS



APPROXIMATE LOCATION OF IDENTIFIED SITES WITH KNOWN ENVIRONMENTAL CONCERNS IN THE VICINITY OF SUBJECT SITE AT 1007 41ST ST, OAKLAND



- ENVIRONMENTAL CONCERNS - HIGH PRIORITY
- ENVIRONMENTAL CONCERNS
- ENVIRONMENTAL CONCERNS - WITH A 'NO FURTHER ACTION' STATUS'
- OPERATING PERMITS ONLY
- ⊞ WATER WELLS

3.2 inches to 1/2 mile



APPROXIMATE LOCATION OF IDENTIFIED SITES WITH OPERATING PERMITS ONLY WITHIN HALF A MILE OF SUBJECT SITE AT 1007 41ST ST, OAKLAND

- | | |
|------------------------------------|------------------------------------|
| 1. FRANK W. DUNNE COMPANY | 53. BERKELEY FARMS TRUCK SHOP YARD |
| 2. ROCKRIDGE WAREHOUSE | 54. SANTA FE PACIFIC REALTY |
| 3. BOYSEN PAINT | 55. AMBASSADOR PARTNERSHIP LTD |
| 4. GAMMILL, VINCENT | 56. ATTIVO CONFECTIONS |
| 5. BOYSEN PAINT | 57. WESTRANSCO FREIGHT CO. |
| 6. BOYSEN PAINTS | 58. REGGIE JACKSON |
| 7. R S HUGHES COMPANY INC | 59. INTERSTATE BRANDS CORP FACILT |
| 8. CALIFORNIA LINEN RENTAL | 60. PARK AVENUE PROPERTY |
| 9. GROW GROVE | 61. C A COMMUNICATIONS |
| 10. FIDELITY ROOF COMPANY | 62. BERKELEY FARMS INC |
| 11. OAKLAND NATIONAL ENGRAVES | 63. A C TRANSIT |
| 12. NATIONAL UPHOLSTERING COMPANY | 64. CAHON ASSOCIATES INC |
| 13. K P CORPORATION OAKLAND | 65. 1056 48TH ST |
| 14. ACS AB HAZARD MGR | 66. FOLKMANIS INC |
| 15. RED TOP ELECTRIC CO. EMERYVILL | 67. VACANT LOT |
| 16. CARLOS AUTO PAINTING | 68. PACIFIC GAS & ELECTRIC |
| 17. FOREIGN AUTO WORKS | 69. DEL MONTE PLANT 35 |
| 18. PACIFIC TYPOGRAPHIC | 70. NEIGHBORHOOD LAUNDROMAT |
| 19. BAY COUNTIES SERVICE STATIO | 71. THRIFTY OIL |
| 20. PRECISION MOTORS | 72. THERM-TEC OF CALIFORNIA |
| 21. EMERYVILLE VETERANS | 73. SHELL |
| 22. FLECTO CO THE INC | 74. CITY OF PARIS CLEANERS |
| 23. S F FRENCH BREAD PRODUCTS | 75. OAKLAND FIRE STATION #5 |
| 24. I.T.T. CONTINENTAL BAKING CO. | 76. GEROW PROPERTIES |
| 25. UNKNOWN | 77. DOUGCO INC |
| 26. UNKNOWN | 78. CITY WOOD |
| 27. TONY'S MEXICO | 79. FG GASOLINE |
| 28. SCOTT ATTHOWE | 80. ARCO |
| 29. CLIPPER EXPRESS COMPANY | 81. PARINA ENTERPRISES |
| 30. H BECK SVC & REPAIR | 82. RD MINER COMPANY |
| 31. R & R AUTOMOTIVE | 83. HEMSATH DRAYAGE |
| 32. REDEVELOPMENT AGENCY | 84. EMERVILLE CITY OF |
| 33. JESSUP INC. | 85. BART PROPERTY |
| 34. BLAZIG INDUSTRIAL BALANCING | 86. BASHLAND INC |
| 35. EMERYVILLE REDEVELOPMENT AGENC | 87. GROVE STREET WASH RACK |
| 36. R&W AUTO SERVICE | 88. CLAWSON HIGH SCHOOL |
| 37. OLIVIA RECORDS | 89. BAY AREA WAREHOUSE |
| 38. THE VAN CATLIN CONSTRUCTION CO | 90. EAST BAY FIXTURE CO |
| 39. CITY OF EMERYVILLE/REDEVE AGCY | 91. DEL MONTE PLANT #35 |
| 40. EMERYVILLE FIRE DEPARTMENT | 92. RANSOME COMPANY |
| 41. ARCO STATION | 93. AMERICAN BIO NUCLEAR |
| 42. OAKLAND TRUCK CENTER (FORMERLY | 94. TECHNICHEM, INC |
| 43. PEPSI COLA BOTTLING COMPANY | 95. ZERO WASTE SYSTEMS, INC. |
| 44. STANDARD BRANDS PAINT | 96. MYERS CONTAINER CORPORATION |
| 45. CALIFORNIA MAINTENANCE | 97. PFIZER INC |
| 46. KARLESKINT-CRUM INC. | 98. BARBARY COAST STEEL |
| 47. PETERSON'S PROPERTIES | |
| 48. 92029 | |
| 49. NEW LOGIC INTERNATIONAL INC | |
| 50. PRECISION AUTO TRANSMISSION | |
| 51. EMERYVILLE SERVICE STATION | |
| 52. A C TRANSIT - EMERYVILLE | |

INDEX OF SITES LISTED BY MAP NUMBERS

ENVIRONMENTAL RECORDS SEARCH FOR
FORMER DUNNE QUALITY PAINT
1007 41ST ST, OAKLAND

Page: 1
Job : BLOC3306
Date: 11-22-2000

ADDRESS	CITY	LOCATION	SOURCE	STATUS	PAGE	MAP LOC	DIR
ENVIRONMENTAL CONCERNS, WITHIN 1/4 MILE OF THE SUBJECT SITE							
1007 41ST ST	OAKLAND	DUNN QUALITY PAINTS	NT		14	1	
		DUNN QUALITY PAINTS	NT	I	15		
		DUNNE QUALITY PAINTS	LUST	3B	9		
		FRANK W. DUNNE COMPANY	UST	8798I	31		
		DUNNE FRANK W COMPANY #	HWIS		23		
		WEST MAC BUILDERS	HWIS		23		
		FRANK W. DUNNE CO.	SARA		19		
		DUNNE FRANK W COMPANY #	HWIS		23		
		DUNNE FRANK W COMPANY #	AFS		20		
		DUNNE FRANK W COMPANY #	RCRA	S	17		
1001 41ST ST	EMERYVILLE	BOYSEN PAINT	LUST	3A	9	3	E
1070 40TH ST	OAKLAND	VINCENT GAMIL	ERNS		3	4	SE
		GAMMILL, VINCENT	HWIS		22		
1001 42ND ST	OAKLAND	OAKLAND NATIONAL ENGRAVING	NT	I	15	5	NE
		OAKLAND NATIONAL ENGRAVERS	LUST	9	9		
		OAKLAND NATL ENGRAVING INC	NT		15		
		BOYSEN PAINT	HWIS		24		
		OAKLAND NATIONAL ENGRAVING CO.	HWIS		24		
989 41ST ST	OAKLAND	CALIFORNIA LINEN RENTAL	LUST	3B	9	8	E
1075 40TH ST	OAKLAND	FIDELITY ROOF COMPANY	LUST	7	9	10	SW
		FIDELITY ROOF COMPANY	UST	8798A	31		
		FIDELITY ROOF CO	HWIS		23		
		FIDELITY ROOF CO	RCRA	S	17		
4377 41ST & ADELINE	OAKLAND	OAKLAND NATIONAL ENGRAVES	NT	I	14	11	W
4377 ADELINE ST	EMERYVILLE	RED TOP ELECTRIC INC	LUST	3B	10	15	N
		RED TOP ELECTRIC CO. EMERYVILL	UST	8798A	32		
		RED TOP ELECTRIC INC	HWIS		25		
1084 YERBA BUENA AVE	EMERYVILLE	PACIFIC TYPOGRAPHIC	CS-nfa	RED	7	18	SW
1000 45TH ST	OAKLAND	FLECTO CO THE INC	RV		4	22	N
		VANGUARD/FLECTO COATINGS LTD.	SETS		3		
		FLECTO INTERNATIONAL	CS-nfa	RED	7		
		FLECTO COMPANY	LUST	3A	9		
		FLECTO CO THE INC	PE		21		
		FLECTO CO THE INC	AFS		20		
		FLECTO CO. INC.	SARA		19		
		FLECTO CO THE INC	RCRA	S	18		
		FLECTO COMPANY THE INC	HWIS		24		
		THE FLECTO COMPANY, INC.	UST	8798A	31		
4070 SAN PABLO AVE	EMERYVILLE	SAN FRANCISCO FRENCH BREAD COM	LUST	3B	12	23	W
		S F FRENCH BREAD PRODUCTS	HWIS		30		
		TOSCANA BAKING COMPANY	UST	8798I	33		
		TOSCANA BAKING COMPANY	UST	93	33		
4100 SAN PABLO AVE	EMERYVILLE	UNKNOWN	ERNS		3	25	W
4100 41ST & SAN PABLO AVE	EMERYVILLE	UNKNOWN	ERNS		3	26	W
4000 SAN PABLO AVE	EMERYVILLE	CELIS SERVICE STATION	LUST	3A	12	27	W
		TONY'S MEXICO	HWIS		29		
		CELIS TEXACO SERVICE STATION	UST	8798A	33		
		TEXACO CELIS STATION	HWIS		29		
		CECIS TEXACO STATION	HWIS		29		
3924 MARKET ST	OAKLAND	SAN FRANCISCO FRENCH BREAD COM	LUST	3B	11	28	SE
		SCOTT ATTHOWE	HWIS		27		
		SCOTT ATTHOWE	HWIS		27		
		TOSCANA BAKING COMPANY	UST	8798I	32		
		SAN FRANCISCO FRENCH BREAD COM	HWIS		27		
		SAN FRANCISCO FRENCH BREAD COM	HWIS		27		
1066 48TH ST	EMERYVILLE	REDEVELOPMENT AGENCY	NT	I	15	32	N
1016 W MAC ARTHUR BLVD	OAKLAND	BLAZIC INDUSTRIAL BUILDING	LUST	9	11	34	SW
		BLAZIC INDUSTRIAL BALANCING	HWIS		28		
4300 SAN PABLO AVE	EMERYVILLE	EMERYVILLE REDEVELOPMENT AGENC	LUST	9	12	35	W
		EMERYVILLE REDEVELOPMENT AG	HWIS		30		
4400 MARKET ST	OAKLAND	OLIVA RECORDS	CS-nfa	RED	7	37	NE

**ENVIRONMENTAL RECORDS SEARCH FOR
FORMER DUNNE QUALITY PAINT
1007 41ST ST, OAKLAND**

**Page: 2
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ADDRESS	CITY	LOCATION	SOURCE	STATUS	PAGE	MAP LOC	DIR
4331 SAN PABLO AVE	EMERYVILLE	EMERYVILLE FIRE DEPARTMENT EMERYVILLE FIRE DEPT	LUST LUST	1 8798A	12 33	40	NW
4401 MARKET ST	OAKLAND	ARCO ARCO STATION DAMELE, GIUSEPPINA	LUST UST HWIS	3B 1998I	11 32 28	41	NE
3800 SAN PABLO AVE	OAKLAND	GMC TRUCK & COACH DIVISION OAKLAND TRUCK CENTER (FORMERLY GMC TRUCK & COACH DIVISION GMC TRUCK & COACH DIVISION	RV UST HWIS RCRA	 8798I S	5 33 29 18	42	SW
1150 PARK AVE	EMERYVILLE	PEPSI COLA COMPANY PEPSI COLA BOTTLING COMPANY PEPSI COLA-KEN-SHOP PEPSI COLA BOTTLING CO. PEPSI COLA PEPSI-COLA CO. PEPSI COLA-KEN-SHOP	LUST FN HWIS UST HWIS SARA HWIS	7 87&95 	11 22 28 32 28 19 28	43	W
4343 SAN PABLO AVE	EMERYVILLE	STANDARD BRANDS PAINT	LUST	9	13	44	NW
45TH & SAN PABLO AVE	EMERYVILLE	A C TRANSIT - EMERYVILLE	CalSite	REFRW	7	52	NW
4575 SAN PABLO AVE	EMERYVILLE	BERKELEY FARMS TRUCK SHOP YARD	LUST	3B	13	53	NW
3623 ADELINE ST	EMERYVILLE	OWENS MORTGAGE INVESTMENT FUND AMBASSADOR PARTNERSHIP LTD	LUST HWIS	9	10 25	55	SW
1199 PARK AVE	EMERYVILLE	PARK AVENUE PROPERTY	LUST	1	11	60	W
4550 SAN PABLO AVE	EMERYVILLE	BERKELEY FARMS BERKELEY FARMS INC BERKELEY FARMS INC, EMERYVILLE	LUST HWIS UST	1 8798A	13 30 33	62	NW
1140 45TH ST	EMERYVILLE	AC TRANSIT A C TRANSIT EMERYVILLE DIVISION NO. 2	LUST HWIS UST	5C 8798A	9 24 32	63	W
ENVIRONMENTAL CONCERNS, WITHIN 1/4 - 1/2 MILE OF THE SUBJECT SITE							
945 53RD ST	OAKLAND	INTERSTATE BRANDS CORP FACILIT	LUST	1	9	59	N
3501 SAN PABLO AVE	OAKLAND	CAHON ASSOCIATES INC	LUST	9	12	64	S
1056 48TH ST	EMERYVILLE	1056 48TH ST	NT		15	65	NW
4800 SAN PABLO AVE	EMERYVILLE	VACANT LOT	LUST	8	13	67	NW
1205 PARK AVE	EMERYVILLE	PACIFIC GAS & ELECTRIC	EPNS		3	68	W
1250 PARK AVE	EMERYVILLE	DEL MONTE PLANT 35 DEL MONTE PLANT #35	NT NT	1	15 15	69	W
3838 WEST ST	OAKLAND	NEIGHBORHOOD LAUNDROMAT	LUST	3B	13	70	SE
3400 SAN PABLO AVE	OAKLAND	THRIFTY OIL	LUST	5C	12	71	S
4000 HARLAN ST, 01S/03W	EMERYVILLE	THERM-TEC OF CALIFORNIA	SR	11	18	72	W
3420 SAN PABLO AVE	OAKLAND	SHELL	LUST	5C	12	73	S
3516 ADELINE ST	OAKLAND	CITY OF PARIS CLEANERS	LUST	3B	10	74	SW
934 34TH ST	OAKLAND	OAKLAND FIRE STATION #5	LUST	9	8	75	S
1255 PARK AVE	EMERYVILLE	GEROW PROPERTIES	LUST	9	11	76	W
1073 34TH ST	OAKLAND	DOUGCO INC	LUST	3B	8	77	S
3423 HARLAN ST	OAKLAND	CITY WOOD	LUST	9	10	78	SW
3314 SAN PABLO AVE	OAKLAND	FG GASOLINE	LUST	1	12	79	S
731 W MAC ARTHUR BLVD	OAKLAND	ARCO	LUST	7	10	80	SE
5433 SAN PABLO AVE	OAKLAND	PARINA ENTERPRISES	LUST	1	13	81	NW
750 37TH ST	OAKLAND	RD MINER COMPANY	LUST	1	9	82	SE
1350 34TH ST	OAKLAND	HEMSATH DRAYAGE	LUST	9	8	83	SW
1333 PARK AVE	EMERYVILLE	EMERYVILLE CITY OF	LUST	3B	11	84	W
3624 MARTIN LUTHER KING JR WAY	OAKLAND	BART PROPERTY	LUST	9	11	85	E
4015 HOLLIS ST	EMERYVILLE	BASHLAND INC	LUST	3B	10	86	W

**ENVIRONMENTAL RECORDS SEARCH FOR
FORMER DUNNE QUALITY PAINT
1007 41ST ST, OAKLAND**

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ADDRESS	CITY	LOCATION	SOURCE	STATUS	PAGE	MAP LOC	DIR
3884 MARTIN LUTHER KING JR WAY	OAKLAND	GROVE STREET WASH RACK	LUST	3B	11	87	E
3420 PERALTA ST	OAKLAND	CLAWSON HIGH SCHOOL	LUST	9	12	88	SW
4001 HOLLIS ST	EMERYVILLE	BAY AREA WAREHOUSE	LUST	3B	10	89	W
4202 HOLLIS ST	EMERYVILLE	DEL MONTE PLANT #35	LUST	5C	10	91	W
4030 HOLLIS ST	EMERYVILLE	RANSOME COMPANY RANSOME COMPANY	CalSite LUST	REFRW 9	7 10	92	W
ENVIRONMENTAL CONCERNS, WITHIN 1/2 - 3/4 MILE OF THE SUBJECT SITE							
941 AILEEN ST	OAKLAND	EAST BAY FIXTURE CO	RV		4	90	N
4580 HORTON ST	EMERYVILLE	AMERICAN BIO NUCLEAR	RV		4	93	W
ENVIRONMENTAL CONCERNS, WITHIN 3/4 - 1 MILE OF THE SUBJECT SITE							
4245 HALLECK ST	EMERYVILLE	TECHNICHEM, INC	RV		4	94	W
2926 POPLAR ST	OAKLAND	ZERO WASTE SYSTEMS, INC.	RV		5	95	SW
4500 SHELLMOUND ST	EMERYVILLE	MYERS CONTAINER CORPORATION	AnnWrk	AWP	6	96	W
4850 SHELLMOUND ST	EMERYVILLE	PFIZER INC	RV		6	97	W
4300 EASTSHORE HWY	EMERYVILLE	BARBARY COAST STEEL	AnnWrk	AWP	8	98	W

OPERATING PERMITS ONLY FOR
FORMER DUNNE QUALITY PAINT
1007 41ST ST, OAKLAND

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Job : BLOC3306
Date: 11-22-2000

ADDRESS	CITY	LOCATION	SOURCE	STATUS	PAGE	MAP LOC	DIR
OPERATING PERMITS ONLY, WITHIN 1/4 MILE OF THE SUBJECT SITE							
1010 41ST ST	EMERYVILLE	ROCKRIDGE WAREHOUSE	HWIS		23	2	N
42ND & LINDEN ST	OAKLAND	BOYSEN PAINTS	HWIS		23	6	NE
		BOYSEN PAINTS	RCRA	S	18		
1070 40TH ST	OAKLAND	R S HUGHES COMPANY INC	HWIS		23	7	SW
41ST & LINDEN ST	EMERYVILLE	GROW GROVE	HWIS		23	9	W
4000 ADELINE ST	EMERYVILLE	NATIONAL UPHOLSTERING COMPANY	HWIS		25	12	SW
1000 43RD ST	OAKLAND	K P CORPORATION OAKLAND	RCRA	S	18	13	N
		K-P GRAPHICS	HWIS		24		
1033 YERBA BUENA AVE	EMERYVILLE	ACS AS HAZARD MGR	AFS		21	14	SW
		ERIC SCHMIER	HWIS		30		
3000 ADELINE ST	EMERYVILLE	CARLOS AUTO PAINTING	HWIS		25	16	SW
		CARLOS AUTO PAINTING	HWIS		25		
		MCINERNEY, JOHN	HWIS		25		
		CARLOS AUTO PAINTING	HWIS		25		
1025 30TH ST	OAKLAND	FOREIGN AUTO WORKS	HWIS		22	17	S
1006 YERBA BUENA AVE	EMERYVILLE	BAY COUNTIES SERVICE STATIO	HWIS		30	19	SW
1054 30TH ST	EMERYVILLE	PRECISION MOTORS	RCRA	S	17	20	SW
		PRECISION MOTORS	HWIS		22		
4321 SALEM ST	EMERYVILLE	EMERYVILLE VETERANS	UST	1998A	33	21	NW
1010 40TH ST	OAKLAND	I.T.T. CONTINENTAL BAKING CO.	UST	8798A	32	24	N
		CONTINENTAL BAKING COMPANY	HWIS		24		
3571 SAN PABLO AVE	EMERYVILLE	CLIPPER EXPRESS COMPANY	UST	8798	33	29	SW
1040 APGAR ST	EMERYVILLE	H BECK SVC & REPAIR	HWIS		25	30	SW
		H BECK SVC & REPAIR	HWIS		26		
		BECK BMW SERVICES & REPAIR	HWIS		26		
		BECK BMW SERVICES & REPAIR	HWIS		26		
		H BECK SVC & REPAIR	RCRA	S	18		
970 W MAC ARTHUR BLVD	OAKLAND	R & R AUTOMOTIVE	HWIS		28	31	S
SAN PABLO & ADELINE ST	EMERYVILLE	JESSUP INC.	HWIS		29	33	SW
1043 W MAC ARTHUR BLVD	EMERYVILLE	R&W AUTO SERVICE	HWIS		27	36	SW
		R & W AUTO SERVICE	HWIS		27		
		R&W AUTO SERVICE	HWIS		27		
		R & W AUTO SERVICE	HWIS		27		
		R&W AUTO SERVICE	HWIS		28		
		R&W AUTO SERVICE	HWIS		28		
		R&W AUTO SERVICE	RCRA	S	18		
1145 PARK AVE	EMERYVILLE	THE VAN CATLIN CONSTRUCTION CO	HWIS		28	38	W
		DALZELL CORP	HWIS		28		
		THE AMERICAN RUBBER MFG. CO.	UST	8798	32		
		AMERICAN RUBBER MFG CO	HWIS		28		
		AMERICAN RUBBER MFG CO	RCRA	S	18		
4320 SAN PABLO AVE	EMERYVILLE	CITY OF EMERYVILLE/REDEV AGCY	HWIS		30	39	W
901 W MAC ARTHUR BLVD	OAKLAND	CALIFORNIA MAINTENANCE	UST	1998A	32	45	SE
47TH & ADELINE ST	EMERYVILLE	KARLESKINT-CRUM INC.	HWIS		24	46	N
1060 47TH ST	OAKLAND	PETERSON'S PROPERTIES	HWIS		24	47	NW
890 W MAC ARTHUR BLVD	OAKLAND	92029	UST	87893	32	48	SE
		CHEVRON STATION #92029	HWIS		28		
1155 PARK AVE	EMERYVILLE	NEW LOGIC INTERNATIONAL INC	HWIS		28	49	W
3831 SAN PABLO AVE	OAKLAND	PRECISION AUTO TRANSMISSION	HWIS		28	50	SW
4501 SAN PABLO AVE	EMERYVILLE	EMERYVILLE SERVICE STATION	UST	8798A	33	51	NW
1268 YERBA BUENA AVE	EMERYVILLE	SANTA FE PACIFIC REALTY	HWIS		31	54	SW
1165 PARK AVE	EMERYVILLE	ATTIVO CONFECTIONS	HWIS		29	56	W
1270 YERBA BUENA AVE	EMERYVILLE	WESTRANSCO FREIGHT CO.	HWIS		31	57	SW
		WESTRANSCO FREIGHT CO.	UST	8798A	34		
4067 WATTS ST	EMERYVILLE	REGGIE JACKSON	HWIS		30	58	W

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ADDRESS	CITY	LOCATION	SOU- RCE	STA- TUS	PAGE	MAP LOC	DIR
4063 WATTS ST	EMERYVILLE	C A COMMUNICATIONS	HWIS		30	61	W
OPERATING PERMITS ONLY, WITHIN 1/4 - 1/2 MILE OF THE SUBJECT SITE							
1218 PARK AVE	EMERYVILLE	FOLGMAN'S INC	HWIS		29	66	W

REFERENCED SOURCES

Job : BLOC3306
Date: 11-22-2000

FEDERAL SOURCES

NPL NATIONAL PRIORITY LIST (10/03/00)
 CERCLA CERCLIS (10/00)
 NFRAP NFRAP (10/00)
 FedFac FEDERAL FACILITIES (10/00)
 ERPS EMERGENCY RESPONSE NOTIFICATION SYSTEM (1989-1999)
 SETS SITE ENFORCEMENT TRACKING SYSTEM (08/21/00)
 COETS ENFORCEMENT DOCKET SYSTEM (DOCKET/COETS)
 CO C-DOCKET (07/00)
 RV RCRA VIOLATORS LIST (09/00)
 FO FEDERAL ENFORCEMENT DOCKETS

CALIFORNIA STATE SOURCES

AnnWrk ANNUAL WORK PLAN (10/25/00)
 BKLG Backlog DLST Delisted from the AWP
 REFRW Referred to the RWQB COM Certified, maint mode
 CERT Certified after remediation AWP Active AWP site
 REPRC Referred to RCRA

CalSite CALSITES (10/25/00)
 PEARL Prel Assmnt Low priority NFA No Further Action for DTSC
 EPA EPA is the lead agency PEARH Prel Assmnt High priority
 SSR Site Screening Required RWOCB Mitigated under RWQB
 CNTY County lead PRPR PRP Search Required
 PEARM Prel Assmnt Medium priority
 RCRA Mitigated under the RCRA
 HRR Hazard Ranking Required
 OAL Other Agency lead

CS-n/a CALSITES - NO FURTHER ACTION (10/25/00)
 NFA No Further Action RED Closed Case

CS CORTESE (01/00)
 WRCBT Tank leak DHS3 Cont large well
 DHS5 section 25356 DHS2 Cont small well
 DHS1 Abandoned haz waste site
 GWMB Disposal site

LUST LEAKING UNDERGROUND STORAGE TANKS (10/00)
 0 No action 3B Prel site asmnt underway
 1 Leak being confirmed 5C Pollution characterization
 3A Site workplan submitted 5R Remediation plan
 7 Remedial action underway
 8 Post remedial action monitoring
 9 Case closed

SWIS SOLID WASTE INFORMATION SYSTEM (09/00)
 WIP WELL INVESTIGATION PROGRAM
 WQ DRINKING WATER PROGRAM

REGIONAL SOURCES

NT TOXIC RELEASES
 TP TOXIC PITS (01/99)
 SR SOLID WASTE ASSESSMENT TEST - REGIONAL (01/99)

OPERATING PERMITS

RCRA RCRA GENERATORS (09/00)
 L Large Generator T Transporter
 S Small Generator

TSD RCRA - TSD FACILITIES (09/00)
 I Incinerator D Land Disposal
 T Storage/Treatment

SARA SARA TITLE III, SECTION 313 (TRIS) (01/00)
 Nucl NUCLEAR REGULATORY COMMISSION LICENSEES (01/00)
 PCB PCB WASTE HANDLERS DATABASE (01/00)
 PCS PERMIT COMPLIANCE SYSTEM (PCS) (01/00)
 AFS AIRS FACILITY SYSTEM (AFS) (01/00)
 PE SECTION SEVEN TRACKING SYSTEM (01/00)
 FIFRA FIFRA/TSCA TRACKING SYSTEM (01/00)
 FIFS FEDERAL FACILITIES INFORMATION SYSTEM (FFIS) (07/99)
 CICS CHEMICALS IN COMMERCE INFORMATION SYSTEM (01/00)
 FN FINDS EPA FACILITY INDEX SYSTEM (01/00)
 HWIS HAZARDOUS WASTE INFORMATION SYSTEM (1984-1999)
 UST UNDERGROUND STORAGE TANKS

**ENVIRONMENTAL RECORDS SEARCH
LISTED BY SOURCE**

INTRODUCTION

BBL has used its best effort but makes no claims as to the completeness or accuracy of the referenced government sources or the completeness of the search. Our records are frequently updated but only as current as their publishing date and may not represent the entire field of known or potential hazardous waste or contaminated sites. To ensure complete coverage of the subject property and surrounding area, sites may be included in the list if there is any doubt as to the location because of discrepancies in map location, zip code, address, or other information in our sources. For additional information call 619 793-0641.

The following government sources have been searched for sites at the street address, unless otherwise stated, of the subject location.

FEDERAL SOURCES

NPL National Priority List

EPA has prioritized sites with significant risk to human health and the environment. These sites receive remedial funding under the Comprehensive Environmental Response Conservation and Liability Act (CERCLA).

No listings within 1 mile radius of the subject site.

CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS is a database used by the EPA to track activities conducted under the Comprehensive Environmental Response and Liability Act CERCLA (1980) and the amendment the Superfund Amendments and Reauthorization Act SARA (1986).

Sites to be included are identified primarily by the reporting requirements of hazardous substances Treatment, Storage and Disposal (TSD) facilities and releases larger than specific Reportable Quantities (RQ), established by EPA.

Using the National Oil and hazardous Substance Pollution Contingency Plan (National Contingency Plan) the EPA set priorities for cleanup.

The EPA rates National Contingency Plan sites according to a quantitative Hazard Ranking System (HRS) based on the potential health risk via any one or more pathways: groundwater, surface water, air, direct contact, and fire/explosion.

The EPA and state agencies seek to identify potentially responsible parties (PRP) and ultimately Responsible Parties (RP) who can be required to finance cleanup activities, either directly or through reimbursement of federal Superfund expenditures.

No listings within half of a mile radius of the subject site.

NFRAP No Further Remedial Action Planned sites (CERCLIS)

As of February 1995, CERCLIS sites designated 'No Further Remedial Action Planned' NFRAP have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the site being placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

EPA has removed these NFRAP sites from CERCLIS to lift unintended barriers to the redevelopment of these properties. This policy change is part of EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens promote economic redevelopment of unproductive urban sites.

No listings within a quarter of a mile radius of the subject site.

FEDFAC Federal Facilities

As part of the CERCLA program, federal facilities with known or suspected environmental problems, the Federal Facilities Hazardous Waste Compliance Docket is tracked separately to comply with a Federal Court order.

No listings within half of a mile radius of the subject site.

ERNS Emergency Response Notification System

The ERNS is a national computer database used to store information on unauthorized releases of oil and hazardous substances. The program is a cooperative effort of the Environmental Protection Agency, the Department of Transportation Research and Special Program Administration's John Voipe National Transportation System Center and the National Response Center.

There are primarily five Federal statutes that require release reporting the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) section 103; the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304; the Clean Water Act of 1972(CWA) section 311(b)(3); and the Hazardous Material Transportation Act of 1974(HMTA section 1808(b).

This list has been researched within a quarter of a mile radius of the subject site.

Site: VINCENT GAMIL
Address: 1070 40TH ST
City: OAKLAND
Map Loc: 4 - within 1/4 mile SE of the subject
Status: 8900012918 MISC CHEMICAL (05/23/1989)

Site: UNKNOWN
Address: 41ST & SAN PABLO AVE
City: EMERYVILLE
Map Loc: 26 - within 1/4 mile W of the subject
Status: 9000020154 GASOLINE (06/11/1990)

Site: PACIFIC GAS & ELECTRIC
Address: 1205 PARK AVE
City: EMERYVILLE
Map Loc: 68 - within 1/4 - 1/2 mile W of the subject
Status: 96 512007 10/21/96

Site: UNKNOWN
Address: 4100 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 25 - within 1/4 mile W of the subject
Status: 9000020158 GASOLINE OR DIESEL (06/11/1990)

SETS Site Enforcement Tracking System (SETS)

When expanding Superfund monies at a CERCLA (Comprehensive Environmental Response, Compensation and Liability Act) Site, EPA must conduct a search to identify parties with potential financial responsibility for remediation of uncontrolled hazardous waste sites. EPA regional Superfund Waste Management Staff issue a notice letter to the potentially responsible party (PRP). The status field contains the EPA ID number and name of the site where the actual pollution occurred.

This list has been researched within half of a mile radius of the subject site.

Site: VANGUARD/FLECTO COATINGS LTD.
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status: 31368

DO Enforcement Docket System (DOCKET)/Consent Decree Tracking System (CDETS)

DOCKET tracks civil judicial cases against environmental polluters, while CDETS processes court settlements, called consent decrees.

No listings within a quarter of a mile radius of the subject site.

CD Criminal Docket System (C-DOCKET)

The Criminal Docket System is a comprehensive automated system for tracking criminal enforcement actions. C-Docket handles data for all environmental statues and tracks enforcement actions from the initial stages of investigations through conclusion.

No listings within a quarter of a mile radius of the subject site.

RCRA RCRA Violators List (CORRACTS)

The Resource Conservation and Recovery Act of 1976 provides for "cradle to grave" regulation of hazardous wastes. RCRA requires regulation of hazardous waste generators, transporters, and storage/treatment/disposal sites. Evaluation to potential violations, ranging from manifest requirements to hazardous waste discharges, is typically conducted by the US EPA. This database is also known as Corrective Action Report (CORRACTS)

If enforcement is required, it is typically delegated to a state agency.

This list has been researched within 1 mile radius of the subject site.

Site: FLECTO CO THE INC
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status: EPA ID#: CAD009140054

Site: EAST BAY FIXTURE CO
Address: 941 AILEEN ST
City: OAKLAND
Map Loc: 90 - within 1/2 - 3/4 mile N of the subject
Status: EPA ID#: CAD046069209

Site: TECHNICHEM, INC
Address: 4245 HALLECK ST
City: EMERYVILLE
Map Loc: 94 - within 3/4 - 1 mile W of the subject
Status: EPA ID#: CAD981375983

Site: AMERICAN BIO NUCLEAR
Address: 4560 HORTON ST
City: EMERYVILLE
Map Loc: 93 - within 1/2 - 3/4 mile W of the subject
Status: EPA ID#: CAD041852716

Site: ZERO WASTE SYSTEMS, INC.
Address: 2928 POPLAR ST
City: OAKLAND
Map Loc: 95 - within 3/4 - 1 mile SW of the subject
Status: EPA ID#: CAD071692016

Site: GMC TRUCK & COACH DIVISION
Address: 3800 SAN PABLO AVE
City: OAKLAND
Map Loc: 42 - within 1/4 mile SW of the subject
Status: EPA ID#: CAD040023855

Site: PFIZER INC
Address: 4650 SHELLMOUND ST
City: EMERYVILLE
Map Loc: 97 - within 3/4 - 1 mile W of the subject
Status: EPA ID#: CAD009206178

FD Federal Enforcement Dockets

The US EPA, Office of Enforcement, maintains a list of sites under enforcement by the US EPA.

No listings within a quarter of a mile radius of the subject site.

CALIFORNIA STATE SOURCES

AW Annual Work Plan (previously known as Bond Expenditure Plan)

The California Health and Safety code, as amended by AB 129, requires the California Environmental Protection Agency to develop a site-specific expenditure plan as the basis for an appropriation of California Hazardous Substance Cleanup Bond Act of 1984 funds.

The Agency is also required to update the report annually and report any significant adjustments to the Legislature on an ongoing basis. The plan identifies California hazardous waste sites targeted for cleanup by responsible parties, the California and the Federal Environmental Protection Agency over the next five years.

Status Codes: BKLG Backlog, Potential Annual Work Plan Site
AWP Active Annual Work Plan site
COM Certified, but still in Operation & Maintenance mode
CERT Certified after remediation
DLST Delisted from the AWP
REFRC Former AWP site referred to RCRA
REFRW Former AWP site referred to the Regional Water Quality Board

This list has been researched within 1 mile radius of the subject site.

Site: BARBARY COAST STEEL
Address: 4300 EASTSHORE HWY
City: EMERYVILLE
Map Loc: 98 - within 3/4 - 1 mile W of the subject
Status: 01440005 120191 WATER TRANSPORTATION

Site: MYERS CONTAINER CORPORATION
Address: 4500 SHELLMOUND ST
City: EMERYVILLE
Map Loc: 96 - within 3/4 - 1 mile W of the subject
Status: 01340110 010190 MANU - FABRICATED METAL PRODUCTS

CALS CALSITES

The Historical Abandoned Site Survey Program identified certain potential hazardous waste sites. The identification of these sites were generally not made via sampling and site characterization, they were made as a result of file searches and windshield surveys. Some of the sites may have had a site inspection with sampling.

The information has been compiled into this database by the California Environmental Protection Agency, Department of Toxic Substance Control (DTSC) in accordance with Section 25359.6 of the California Health and Safety Code.

This database was previously known as The Abandoned Sites Program Information System ASPIS.

Status Codes: PEARL Preliminary Endangerment Assessment Required, Low priority
PEARM Preliminary Endangerment Assessment Required, Medium priority
PEARH Preliminary Endangerment Assessment Required, High priority
SSR Site Screening Required
HRR Hazard Ranking Required
PRPR Potential Responsible Party Search Required
EPA EPA is the lead agency
RCRA Mitigated under the RCRA permitting program
RWQCB Mitigated under the lead of the Regional Water Quality Board
CNTY County lead
OAL Other Agency lead

This list has been researched within half of a mile radius of the subject site.

Site: A C TRANSIT - EMERYVILLE
Address: 45TH & SAN PABLO AVE
City: EMERYVILLE
Map Loc: 52 - within 1/4 mile NW of the subject
Status: 01410002 042487 LOCAL & INTERURBAN PASSENGER TRANSIT

Site: RANSOME COMPANY
Address: 4030 HOLLIS ST
City: EMERYVILLE
Map Loc: 92 - within 1/4 - 1/2 mile W of the subject
Status: 01160019 060887 HEAVY CONSTRUCTION, EXCEPT BUILDING

CALS CALSITES - No Further Action

This section includes the sites on the Calsite list, which have been flagged for no further action by the California Environmental Protection Agency, Department of Toxic Substance Control (DTSC) in accordance with Section 25359.6 of the California Health and Safety Code.

Status Codes: NFA No Further Action for DTSC
RED Closed Case marked for removal from list

This list has been researched within a quarter of a mile radius of the subject site.

Site: FLECTO INTERNATIONAL
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status: 0151000212041980 51 00 00

Site: OLIVIA RECORDS
Address: 4400 MARKET ST
City: OAKLAND
Map Loc: 37 - within 1/4 mile NE of the subject
Status: 0172007312041980 72 00 00

Site: PACIFIC TYPOGRAPHIC
Address: 1094 YERBA BUENA AVE
City: EMERYVILLE
Map Loc: 18 - within 1/4 mile SW of the subject
Status: 0135001704031980 35 00 00

CORTESE State of California Office of Planning and Research

This database is a consolidation of information from various sources. It is maintained by the State Office of Planning and Research and lists potential and confirmed hazardous waste or substances sites.

Facilities that have been reported elsewhere in this report will not be included in the listing below.

Status Codes:	WRCBT	Tank leaks. Compiled by Water Resource Control Board
	DHS1	Abandoned hazardous waste site. Compiled by Toxic Substance Control Div. of DHS
	DHS2	Contaminated public water drinking wells serving less than 200 connections. Compiled by Env. Health Div. of DHS
	DHS3	Contaminated public water drinking wells serving more than 200 connections
	DHS5	Sites pursuant to section 25356 of the Health and Safety Code (see BEP)
	CWMB	Solid waste disposal sites with known migration of hazardous waste

No listings within half of a mile radius of the subject site.

LUST Leaking Underground Storage Tanks - California State

The Leaking Underground Storage Tanks Information System is maintained by the State Water Resource Board pursuant to Section 25295 of the Health and Safety Code.

Status Codes:	0	No action
	1	Leak being confirmed
	3A	Prel site assessment workplan submitted
	3B	Prel site assessment underway
	5C	Pollution characterization
	5R	Remediation plan
	7	Remedial action underway
	8	Post remedial action monitoring
	9	Case closed
	P	Case purged from agency list

This list has been researched within half of a mile radius of the subject site.

Site: OAKLAND FIRE STATION #5
Address: 934 34TH ST
City: OAKLAND
Map Loc: 75 - within 1/4 - 1/2 mile S of the subject
Status: 9 - Case Closed.

Site: DOUGCO INC
Address: 1073 34TH ST
City: OAKLAND
Map Loc: 77 - within 1/4 - 1/2 mile S of the subject
Status: 3B - Prelim Site Assessment underway.

Site: HEMSATH DRAYAGE
Address: 1350 34TH ST
City: OAKLAND
Map Loc: 83 - within 1/4 - 1/2 mile SW of the subject
Status: 9 - Case Closed.

Site: RD MINER COMPANY
Address: 750 37TH ST
City: OAKLAND
Map Loc: 82 - within 1/4 - 1/2 mile SE of the subject
Status: 1 - Leak being confirmed.

Site: FIDELITY ROOF COMPANY
Address: 1075 40TH ST
City: OAKLAND
Map Loc: 10 - within 1/4 mile SW of the subject
Status: 7 - Remedial Action underway.

Site: CALIFORNIA LINEN RENTAL
Address: 989 41ST ST
City: OAKLAND
Map Loc: 8 - within 1/4 mile E of the subject
Status: 3B - Prelim Site Assessment underway.

Site: BOYSEN PAINT
Address: 1001 41ST ST
City: EMERYVILLE
Map Loc: 3 - within 1/4 mile E of the subject
Status: 3A - Prelim Site Assessment workplan submitted.

Site: DUNNE QUALITY PAINTS
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status: 3B - Prelim Site Assessment underway.

Site: OAKLAND NATIONAL ENGRAVERS
Address: 1001 42ND ST
City: OAKLAND
Map Loc: 5 - within 1/4 mile NE of the subject
Status: 9 - Case Closed.

Site: FLECTO COMPANY
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status: 3A - Prelim Site Assessment workplan submitted.

Site: AC TRANSIT
Address: 1140 45TH ST
City: EMERYVILLE
Map Loc: 63 - within 1/4 mile W of the subject
Status: 5C - Pollution characterization.

Site: INTERSTATE BRANDS CORP FACILIT
Address: 945 53RD ST
City: OAKLAND
Map Loc: 59 - within 1/4 - 1/2 mile N of the subject
Status: 1 - Leak being confirmed.

Site: CITY OF PARIS CLEANERS
Address: 3516 ADELIN ST
City: OAKLAND
Map Loc: 74 - within 1/4 - 1/2 mile SW of the subject
Status: 3B - Prelim Site Assessment underway.

Site: OWENS MORTGAGE INVESTMENT FUND
Address: 3623 ADELIN ST
City: EMERYVILLE
Map Loc: 55 - within 1/4 mile SW of the subject
Status: 9 - Case Closed.

Site: RED TOP ELECTRIC INC
Address: 4377 ADELIN ST
City: EMERYVILLE
Map Loc: 15 - within 1/4 mile N of the subject
Status: 3B - Prelim Site Assessment underway.

Site: CITY WOOD
Address: 3423 HARLAN ST
City: OAKLAND
Map Loc: 78 - within 1/4 - 1/2 mile SW of the subject
Status: 9 - Case Closed.

Site: BAY AREA WAREHOUSE
Address: 4001 HOLLIS ST
City: EMERYVILLE
Map Loc: 89 - within 1/4 - 1/2 mile W of the subject
Status: 3B - Prelim Site Assessment underway.

Site: BASHLAND INC
Address: 4015 HOLLIS ST
City: EMERYVILLE
Map Loc: 86 - within 1/4 - 1/2 mile W of the subject
Status: 3B - Prelim Site Assessment underway.

Site: RANSOME COMPANY
Address: 4030 HOLLIS ST
City: EMERYVILLE
Map Loc: 92 - within 1/4 - 1/2 mile W of the subject
Status: 9 - Case Closed.

Site: DEL MONTE PLANT #35
Address: 4202 HOLLIS ST
City: EMERYVILLE
Map Loc: 91 - within 1/4 - 1/2 mile W of the subject
Status: 5C - Pollution characterization.

Site: ARCO
Address: 731 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 80 - within 1/4 - 1/2 mile SE of the subject
Status: 7 - Remedial Action underway.

Site: BLAZIC INDUSTRIAL BUILDING
Address: 1016 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 34 - within 1/4 mile SW of the subject
Status: 9 - Case Closed.

Site: SAN FRANCISCO FRENCH BREAD COM
Address: 3924 MARKET ST
City: OAKLAND
Map Loc: 28 - within 1/4 mile SE of the subject
Status: 3B - Prelim Site Assessment underway.

Site: ARCO
Address: 4401 MARKET ST
City: OAKLAND
Map Loc: 41 - within 1/4 mile NE of the subject
Status: 3B - Prelim Site Assessment underway.

Site: GROVE STREET WASH RACK
Address: 3884 MARTIN LUTHER KING JR WAY
City: OAKLAND
Map Loc: 87 - within 1/4 - 1/2 mile E of the subject
Status: 3B - Prelim Site Assessment underway.

Site: BART PROPERTY
Address: 3924 MARTIN LUTHER KING JR WAY
City: OAKLAND
Map Loc: 85 - within 1/4 - 1/2 mile E of the subject
Status: 9 - Case Closed.

Site: PEPSI COLA COMPANY
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 - within 1/4 mile W of the subject
Status: 7 - Remedial Action underway.

Site: PARK AVENUE PROPERTY
Address: 1199 PARK AVE
City: EMERYVILLE
Map Loc: 60 - within 1/4 mile W of the subject
Status: 1 - Leak being confirmed.

Site: GEROW PROPERTIES
Address: 1255 PARK AVE
City: EMERYVILLE
Map Loc: 76 - within 1/4 - 1/2 mile W of the subject
Status: 9 - Case Closed.

Site: EMERYVILLE CITY OF
Address: 1333 PARK AVE
City: EMERYVILLE
Map Loc: 84 - within 1/4 - 1/2 mile W of the subject
Status: 3B - Prelim Site Assessment underway.

Site: CLAWSON HIGH SCHOOL
Address: 3420 PERALTA ST
City: OAKLAND
Map Loc: 88 - within 1/4 - 1/2 mile SW of the subject
Status: 9 - Case Closed.

Site: FG GASOLINE
Address: 3314 SAN PABLO AVE
City: OAKLAND
Map Loc: 79 - within 1/4 - 1/2 mile S of the subject
Status: 1 - Leak being confirmed.

Site: THRIFTY OIL
Address: 3400 SAN PABLO AVE
City: OAKLAND
Map Loc: 71 - within 1/4 - 1/2 mile S of the subject
Status: 5C - Pollution characterization.

Site: SHELL
Address: 3420 SAN PABLO AVE
City: OAKLAND
Map Loc: 73 - within 1/4 - 1/2 mile S of the subject
Status: 5C - Pollution characterization.

Site: CAHON ASSOCIATES INC
Address: 3501 SAN PABLO AVE
City: OAKLAND
Map Loc: 64 - within 1/4 - 1/2 mile S of the subject
Status: 9 - Case Closed.

Site: CELIS SERVICE STATION
Address: 4000 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 27 - within 1/4 mile W of the subject
Status: 3A - Prelim Site Assessment workplan submitted.

Site: SAN FRANCISCO FRENCH BREAD COM
Address: 4070 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 23 - within 1/4 mile W of the subject
Status: 3B - Prelim Site Assessment underway.

Site: EMERYVILLE REDEVELOPMENT AGENC
Address: 4300 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 35 - within 1/4 mile W of the subject
Status: 9 - Case Closed.

Site: EMERYVILLE FIRE DEPARTMENT
Address: 4331 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 40 - within 1/4 mile NW of the subject
Status: 1 - Leak being confirmed.

Site: STANDARD BRANDS PAINT
Address: 4343 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 44 - within 1/4 mile NW of the subject
Status: 9 - Case Closed.

Site: BERKELEY FARMS
Address: 4550 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 62 - within 1/4 mile NW of the subject
Status: 1 - Leak being confirmed.

Site: BERKELEY FARMS TRUCK SHOP YARD
Address: 4575 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 53 - within 1/4 mile NW of the subject
Status: 3B - Prelim Site Assessment underway.

Site: VACANT LOT
Address: 4800 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 67 - within 1/4 - 1/2 mile NW of the subject
Status: 8 - Post Remedial Action monitoring.

Site: PARINA ENTERPRISES
Address: 5433 SAN PABLO AVE
City: OAKLAND
Map Loc: 81 - within 1/4 - 1/2 mile NW of the subject
Status: 1 - Leak being confirmed.

Site: NEIGHBORHOOD LAUNDROMAT
Address: 3838 WEST ST
City: OAKLAND
Map Loc: 70 - within 1/4 - 1/2 mile SE of the subject
Status: 3B - Prelim Site Assessment underway.

SWIS Solid Waste Information System

As legislated under the Solid Waste Management and Resource Recovery Act of 1972, the California Waste Management Board maintains lists of certain facilities, i.e. Active solid waste disposal sites, Inactive or Closed solid waste disposal sites and Transfer facilities.

No listings within 1 mile radius of the subject site.

WIP Well Investigation Program

The Well Investigation Program (AB1803) identifies groundwater that is already contaminated and empowers the California Department of Health Services and local health officers to order ongoing monitoring programs. The focus of this program is to monitor and protect drinking water.

No listings within 1 mile radius of the subject site.

WQ **Drinking Water Program**

The California Health and Safety Code section 116275-116300 stipulates that it is the intent of the Legislature to improve laws governing drinking water quality to improve upon the minimum requirements of the federal Safe Drinking Water Act Amendments of 1986, to establish primary drinking water standards that are at least as stringent as those established under the federal Safe Drinking Water Act, and to establish a program under this chapter that is more protective of public health than the minimum federal requirements.

In order to provide for the orderly and efficient delivery of safe drinking water the State Department of Health Services collect information on the quality of public drinking water wells under the California Drinking Program.

Below, the latest and maximum analysis of contaminants are reported (only positive reading are included). MCL is the Maximum Contaminant Level or enforceable drinking water standard. RPHL is the Recommended Public Health Level. Additional information is available from BBL upon request.

No listings within half of a mile radius of the subject site.

REGIONAL SOURCES

NT **Toxic Releases**

The California Regional Water Quality Control Boards or local Department of Health Services keeps track of toxic releases to the environment. These lists are known as Unauthorized Releases, Spill, Leaks, Investigations and Cleanups (SLIC), Non-Tank Releases, Toxics List or similar, depending on the local agency.

This list has been researched within half of a mile radius of the subject site.

Site: OAKLAND NATIONAL ENGRAVES
Address: 41ST & ADELINE
City: OAKLAND
Map Loc: 11 - within 1/4 mile W of the subject
Status: 1 - Inactive case
 2-01S0332

Site: DUNN QUALITY PAINTS
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status: -

Site: DUNN QUALITY PAINTS
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status: 1 - inactive case
2-01S0112

Site: OAKLAND NATIONAL ENGRAVING
Address: 1001 42ND ST
City: OAKLAND
Map Loc: 5 - within 1/4 mile NE of the subject
Status: 1 - inactive case
2-01S0137

Site: OAKLAND NATL ENGRAVING INC
Address: 1001 42ND ST
City: OAKLAND
Map Loc: 5 - within 1/4 mile NE of the subject
Status: -
T

Site: REDEVELOPMENT AGENCY
Address: 1056 46TH ST
City: EMERYVILLE
Map Loc: 32 - within 1/4 mile N of the subject
Status: 1 - inactive case
2-01S0268

Site: 1056 48TH ST
Address: 1056 48TH ST
City: EMERYVILLE
Map Loc: 65 - within 1/4 - 1/2 mile NW of the subject
Status: -

Site: DEL MONTE PLANT 35
Address: 1250 PARK AVE
City: EMERYVILLE
Map Loc: 69 - within 1/4 - 1/2 mile W of the subject
Status: 1 - inactive case
2-01S0171

Site: DEL MONTE PLANT #35
Address: 1250 PARK AVE
City: EMERYVILLE
Map Loc: 69 - within 1/4 - 1/2 mile W of the subject
Status: -

The Toxic Pits Clean-Up Act (Katz Bill) places strict limitations on the discharge of liquid hazardous wastes into surface impoundment, toxic ponds, pits and lagoons. Regional Water Quality Control Boards are required to inspect all surface impoundment annually, in addition, every facility was required to file a Hydrogeological Assessment Report. Recent legislation allows the Department of Health Services to exempt facilities that closed on or before December 31, 1985, if a showing is made that no significant environmental risk remains (AB1046).

Special exemption provisions have been created for surface impoundment that receive mining wastes.

No listings within 1 mile radius of the subject site.

SWAT(R) Solid Waste Assessment Test - Regional

This program, provided for under the Calderon legislation (Section 13273 of the Water Code), requires that disposal sites with more than 50,000 cubic yards of waste provide sufficient information to the regional water quality control board to determine whether or not the site has discharged hazardous substances which will impact the environment.

Site operators are required to file Solid Waste Assessment Test reports on a staggered basis. Operators of the 150 highest ranking (Rank 1) sites were required to submit Solid Waste Assessment Tests by July 1, 1987, Rank 2 in 1988 and so on.

Operators submit water quality tests to the Regional Water Quality Control Board, describing surface and groundwater quality and supply; and the geology within 1 mile of the site. Air quality tests are submitted to the local Air Quality Management District or Air Pollution Control District.

This program is currently not funded and thus not updated.

Status Codes: Facilities or sites are ranked within each region on a scale 1-15 according to priority.
This list has been researched within 1 mile radius of the subject site.

Site: THERM-TEC OF CALIFORNIA
Address: 4000 HARLAN ST, 01S/03W
City: EMERYVILLE
Map Loc: 72 - within 1/4 - 1/2 mile W of the subject
Status: Priority Rank 11

OPERATING PERMITS

Various agencies issue operating permits or regulate the handling, movements, storage and disposal of hazardous materials and require mandatory reporting. The inclusion in this section does not imply that an environmental problem exists presently or has in the past.

The sources referenced below have been searched at the street address, unless otherwise stated, of the subject site.

RCRA-G Resource Conservation and Recovery Information System - Generators

The Environmental Protection Agency regulates generators of hazardous material through the Resource Conservation and Recovery Act (RCRA). All hazardous waste generators are required to notify EPA of their existence by submitting the Federal Notification of Regulated Waste Activity Form (EPA Form 8700-12) or a state equivalent form. The notification form provides basic identification information and specific waste activities.

Status Codes: L - Generators who generate at least 1000 kg/mo of non-acutely hazardous waste (or 1 kg/mo of acutely hazardous waste).
S - Generators who generate 100 kg/mo but less than 1000 kg/mo of non-acutely hazardous waste
T - Transporter.

This list has been researched within a quarter of a mile radius of the subject site.

Site: PRECISION MOTORS
Address: 1054 39TH ST
City: EMERYVILLE
Map Loc: 20 - within 1/4 mile SW of the subject
Status: S - Small Generator
Permit id#: CAD983654138

Site: FIDELITY ROOF CO
Address: 1075 40TH ST
City: OAKLAND
Map Loc: 10 - within 1/4 mile SW of the subject
Status: S - Small Generator
Permit id#: CAD982442873

Site: DUNNE FRANK W COMPANY#
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status: S - Small Generator
Permit id#: CAD009118597

Site: BOYSEN PAINTS
Address: 42ND & LINDEN ST
City: OAKLAND
Map Loc: 6 - within 1/4 mile NE of the subject
Status: S - Small Generator
Permit id#: CAD041321910

Site: K P CORPORATION OAKLAND
Address: 1000 43RD ST
City: OAKLAND
Map Loc: 13 - within 1/4 mile N of the subject
Status: S - Small Generator
Permit id#: CAR000016493

Site: FLECTO CO THE INC
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status: S - Small Generator
Permit id#: CAD009140054

Site: H BECK SVC & REPAIR
Address: 1040 APGAR ST
City: EMERYVILLE
Map Loc: 30 - within 1/4 mile SW of the subject
Status: S - Small Generator
Permit id#: CAD981573579

Site: R&W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 - within 1/4 mile SW of the subject
Status: S - Small Generator
Permit id#: CAD981999915

Site: AMERICAN RUBBER MFG CO
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 - within 1/4 mile W of the subject
Status: S - Small Generator
Permit id#: CAD981686397

Site: GMC TRUCK & COACH DIVISION
Address: 3800 SAN PABLO AVE
City: OAKLAND
Map Loc: 42 - within 1/4 mile SW of the subject
Status: S - Small Generator
Permit id#: CAD040023855

The Environmental Protection Agency regulates the treatment, storage and disposal of hazardous material through the Resource Conservation and Recovery Act (RCRA). All hazardous waste TSD facilities are required to notify EPA of their existence by submitting the Federal Notification of Regulated Waste Activity Form (EPA Form 8700-12) or a state equivalent form as well as part A (EPA form 8700-23) and Part B of their Hazardous Waste Permit Application.

Status Codes: I	Incinerator
T	Storage/Treatment facility other than incinerator
D	Land Disposal Facility

No listings within 1 mile radius of the subject site.

SARA SARA Title III, section 313 (TRIS)

Title III of the Superfund Amendments and Reauthorization Act, Section 313, also known as Emergency Planning and Community Right-to-Know Act of 1986 requires owners or operators of facilities with more than 10 employees and are listed under Standard Industrial Classification (SIC) Codes 20 through 39 to report the manufacturing, processing or use of more than a threshold of certain chemical or chemical categories listed under section 313. This data base is also known as Toxic Release Information System (TRIS).

Below summary information for the last five year period is reported grouping the releases into air, water, underground injection, land, public offsite treatment (potw) and transportation offsite. This list has been researched within a quarter of a mile radius of the subject site.

Site: FRANK W. DUNNE CO.
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status:

Site: FLECTO CO. INC.
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status:

Site: PEPSI-COLA CO.
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 - within 1/4 mile W of the subject
Status:

NC Nuclear Regulatory Commission Licensees

The Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards has been mandated (10 CFR Ch 1.42) to protect the public health and safety, the common defense and security, and the environment by licensing, inspection, and environmental impact assessment for all nuclear facilities and activities, and for the import and export of special nuclear material.

No listings within a quarter of a mile radius of the subject site.

PCB PCB Waste Handlers Database

The U.S. Environmental Protection Agency tracks generators, transporters, commercial stores and/or brokers and disposers of PCB's in accordance with the Toxic Substance Control Act.

No listings within a quarter of a mile radius of the subject site.

PCS Permit Compliance System

PCS is a database which contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS was developed by The U.S. Environmental Protection Agency to meet the information needs of the NPDES program under the Clean Water Act. PCS tracks permit, compliance, and enforcement states of NPDES facilities.

No listings within a quarter of a mile radius of the subject site.

AFS AIRS Facility System

AFS contains emissions and compliance data on air pollution point sources tracked by the U.S. EPA and state and local environmental regulatory agencies. There are seven "criteria pollutants" for which data must be reported to EPA and stored in AIRS: PM10 (particulate matters less than 10 microns in size), carbon monoxide, sulfur dioxide, nitrogen dioxide, lead, reactive volatile organic compounds (VOC), and ozone.

AFS replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aeromatic Data (SAROAD).

This list has been researched within a quarter of a mile radius of the subject site.

Site: DUNNE FRANK W COMPANY#
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status: Permit id#: CAD009118597

Site: FLECTO CO THE INC
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status: Permit id#: CAD009140054

Site: ACS AB HAZARD MGR
Address: 1033 YERBA BUENA AVE
City: EMERYVILLE
Map Loc: 14 - within 1/4 mile SW of the subject
Status: Permit id#: CAD983568130

PE Section Seven Tracking System (SSTS)

SSTS evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and devices that are produced, sold or distributed each year.

This list has been researched within a quarter of a mile radius of the subject site.

Site: FLECTO CO THE INC
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status: Permit id#: CAD009140054

FIFRA FIFRA/TSCA Tracking System/ National Compliance Database (FTTS/NCDB)

NCDB supports implementation of the Federal Insecticide, Fungicide and Rodenticide Control Act (FIFRA) and the Toxic Substance Control Act (TSCA).

No listings within a quarter of a mile radius of the subject site.

FFIS Federal Facilities Information System (FFIS)

Federal Facilities Information System (FFIS) contains a list of all Treatment Storage and Disposal Facilities (TSDs) owned and operated by federal agencies.

No listings within a quarter of a mile radius of the subject site.

CICIS Chemicals in Commerce Information System (CICIS)

Chemicals in Commerce Information System contains an inventory of chemicals manufactured in commerce or imported for Toxic Substances Control Act regulated commercial purposes. CICIS allows EPA to maintain a comprehensive listing of over 70,000 chemical substances that are manufactured or imported and are regulated under TSCA.

No listings within a quarter of a mile radius of the subject site.

FINDS FINDS EPA Facility Index System

The U.S. Environmental Protection Agency maintains an index system of all facilities which are regulated or have been assigned an identification number for other purposes.

Facilities that have been reported elsewhere in this report will not be included in the listing below.

This list has been researched within a quarter of a mile radius of the subject site.

Site: PEPSI COLA BOTTLING COMPANY
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 - within 1/4 mile W of the subject
Status: Permit id#: CAD983579186

HWIS Hazardous Waste Information System

The Department of Toxic Substance Control, California Environmental Protection Agency, maintains a data base keeping track of the movement and disposal of hazardous waste. The data is used to support the Tanner legislation, AB 2948.

Status Codes: EPA Facility Permit Number
This list has been researched within a quarter of a mile radius of the subject site.

Site: FOREIGN AUTO WORKS
Address: 1025 39TH ST
City: OAKLAND
Map Loc: 17 - within 1/4 mile S of the subject
Status: EPA ID#: CAL912745258

Site: PRECISION MOTORS
Address: 1054 39TH ST
City: EMERYVILLE
Map Loc: 20 - within 1/4 mile SW of the subject
Status: EPA ID#: CAD983654138

Site: GAMMILL, VINCENT
Address: 1070 40TH ST
City: OAKLAND
Map Loc: 4 - within 1/4 mile SE of the subject
Status: EPA ID#: CAC000243385

Site: FIDELITY ROOF CO
Address: 1075 40TH ST
City: OAKLAND
Map Loc: 10 - within 1/4 mile SW of the subject
Status: EPA ID#: CAD982442873

Site: R S HUGHES COMPANY INC
Address: 1076 40TH ST
City: OAKLAND
Map Loc: 7 - within 1/4 mile SW of the subject
Status: EPA ID#: CAL000004632

Site: GROW GROVE
Address: 41ST & LINDEN ST
City: EMERYVILLE
Map Loc: 9 - within 1/4 mile W of the subject
Status: EPA ID#: CAC000261689

Site: DUNNE FRANK W COMPANY#
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status: EPA ID#: CAD009118597

Site: WEST MAC BUILDERS
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status: EPA ID#: CAC000856232

Site: DUNNE FRANK W COMPANY#
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status: EPA ID#: CAD009118597

Site: ROCKRIDGE WAREHOUSE
Address: 1010 41ST ST
City: EMERYVILLE
Map Loc: 2 - within 1/4 mile N of the subject
Status: EPA ID#: CAL000006975

Site: BOYSEN PAINTS
Address: 42ND & LINDEN ST
City: OAKLAND
Map Loc: 6 - within 1/4 mile NE of the subject
Status: EPA ID#: CAD041321910

Site: BOYSEN PAINT
Address: 1001 42ND ST
City: OAKLAND
Map Loc: 5 - within 1/4 mile NE of the subject
Status: EPA ID#: CAC000891232

Site: OAKLAND NATIONAL ENGRAVING CO.
Address: 1001 42ND ST
City: OAKLAND
Map Loc: 5 - within 1/4 mile NE of the subject
Status: EPA ID#: CAD000327403

Site: K-P GRAPHICS
Address: 1000 43RD ST
City: OAKLAND
Map Loc: 13 - within 1/4 mile N of the subject
Status: EPA ID#: CAL912564124

Site: FLECTO COMPANY THE INC
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status: EPA ID#: CAD0009140054

Site: A C TRANSIT
Address: 1140 45TH ST
City: EMERYVILLE
Map Loc: 63 - within 1/4 mile W of the subject
Status: EPA ID#: CAX000047530

Site: CONTINENTAL BAKING COMPANY
Address: 1010 46TH ST
City: OAKLAND
Map Loc: 24 - within 1/4 mile N of the subject
Status: EPA ID#: CAL000013321

Site: KARLESKINT-CRUM INC.
Address: 47TH & ADELIN ST
City: EMERYVILLE
Map Loc: 46 - within 1/4 mile N of the subject
Status: EPA ID#: CAC000557456

Site: PETERSON'S PROPERTIES
Address: 1066 47TH ST
City: OAKLAND
Map Loc: 47 - within 1/4 mile NW of the subject

Status: EPA ID#: CAC000122253

Site: AMBASSADOR PARTNERSHIP LTD
Address: 3623 ADELINE ST
City: EMERYVILLE
Map Loc: 55 - within 1/4 mile SW of the subject
Status: EPA ID#: CAC000074645

Site: CARLOS AUTO PAINTING
Address: 3969 ADELINE ST
City: EMERYVILLE
Map Loc: 16 - within 1/4 mile SW of the subject
Status: EPA ID#: CAL000024127

Site: CARLOS AUTO PAINTING
Address: 3969 ADELINE ST
City: EMERYVILLE
Map Loc: 16 - within 1/4 mile SW of the subject
Status: EPA ID#: CAL000024127

Site: MCINERNEY,JOHN
Address: 3969 ADELINE ST
City: EMERYVILLE
Map Loc: 16 - within 1/4 mile SW of the subject
Status: EPA ID#: CAC000681088

Site: CARLOS AUTO PAINTING
Address: 3969 ADELINE ST
City: EMERYVILLE
Map Loc: 16 - within 1/4 mile SW of the subject
Status: EPA ID#: CAL000024127

Site: NATIONAL UPHOLSTERING COMPANY
Address: 4000 ADELINE ST
City: EMERYVILLE
Map Loc: 12 - within 1/4 mile SW of the subject
Status: EPA ID#: CAL000020419

Site: RED TOP ELECTRIC INC
Address: 4377 ADELINE ST
City: EMERYVILLE
Map Loc: 15 - within 1/4 mile N of the subject
Status: EPA ID#: CAC000637784

Site: H BECK SVC & REPAIR
Address: 1040 APGAR ST
City: EMERYVILLE
Map Loc: 30 - within 1/4 mile SW of the subject

Status: EPA ID#: CAD981573579

Site: H BECK SVC & REPAIR
Address: 1040 APGAR ST
City: EMERYVILLE
Map Loc: 30 - within 1/4 mile SW of the subject
Status: EPA ID#: CAD981573579

Site: BECK BMW SERVICES & REPAIR
Address: 1040 APGAR ST
City: EMERYVILLE
Map Loc: 30 - within 1/4 mile SW of the subject
Status: EPA ID#: CAX000058487

Site: BECK BMW SERVICES & REPAIR
Address: 1040 APGAR ST
City: EMERYVILLE
Map Loc: 30 - within 1/4 mile SW of the subject
Status: EPA ID#: CAX000058487

Site: CHEVRON STATION #92029
Address: 890 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 48 - within 1/4 mile SE of the subject
Status: EPA ID#: CAL000031242

Site: R & R AUTOMOTIVE
Address: 970 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 31 - within 1/4 mile S of the subject
Status: EPA ID#: CAL000013323

Site: BLAZIC INDUSTRIAL BALANCING
Address: 1016 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 34 - within 1/4 mile SW of the subject
Status: EPA ID#: CAC000840232

Site: R&W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 - within 1/4 mile SW of the subject
Status: EPA ID#: CAD981999915

Site: R&W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 - within 1/4 mile SW of the subject

Status: EPA ID#: CAD981999915

Site: R&W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 - within 1/4 mile SW of the subject
Status: EPA ID#: CAD981999915

Site: R & W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 - within 1/4 mile SW of the subject
Status: EPA ID#: CAX000242693

Site: R&W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 - within 1/4 mile SW of the subject
Status: EPA ID#: CAD981999915

Site: R & W AUTO SERVICE
Address: 1043 W MAC ARTHUR BLVD
City: EMERYVILLE
Map Loc: 36 - within 1/4 mile SW of the subject
Status: EPA ID#: CAX000242693

Site: SCOTT ATTHOWE
Address: 3924 MARKET ST
City: OAKLAND
Map Loc: 28 - within 1/4 mile SE of the subject
Status: EPA ID#: CAC000870248

Site: SCOTT ATTHOWE
Address: 3924 MARKET ST
City: OAKLAND
Map Loc: 28 - within 1/4 mile SE of the subject
Status: EPA ID#: CAC000870248

Site: SAN FRANCISCO FRENCH BREAD COM
Address: 3924 MARKET ST
City: OAKLAND
Map Loc: 28 - within 1/4 mile SE of the subject
Status: EPA ID#: CAC000710208

Site: SAN FRANCISCO FRENCH BREAD COM
Address: 3924 MARKET ST
City: OAKLAND
Map Loc: 28 - within 1/4 mile SE of the subject

Status: EPA ID#: CAC000710208

Site: DAMELE, GIUSEPPINA
Address: 4401 MARKET ST
City: OAKLAND
Map Loc: 41 - within 1/4 mile NE of the subject
Status: EPA ID#: CAC000267329

Site: THE VAN CATLIN CONSTRUCTION CO
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 - within 1/4 mile W of the subject
Status: EPA ID#: CAC000074997

Site: DALZELL CORP
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 - within 1/4 mile W of the subject
Status: EPA ID#: CAC000005413

Site: AMERICAN RUBBER MFG CO
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 - within 1/4 mile W of the subject
Status: EPA ID#: CAD981686397

Site: PEPSI COLA-KEN-SHOP
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 - within 1/4 mile W of the subject
Status: EPA ID#: CAL000019242

Site: PEPSI COLA
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 - within 1/4 mile W of the subject
Status: EPA ID#: CAL000013171

Site: PEPSI COLA-KEN-SHOP
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 - within 1/4 mile W of the subject
Status: EPA ID#: CAL000019242

Site: NEW LOGIC INTERNATIONAL INC
Address: 1155 PARK AVE
City: EMERYVILLE
Map Loc: 49 - within 1/4 mile W of the subject

Status: EPA ID#: CAL000078427

Site: ATTIVO CONFECTIONS
Address: 1165 PARK AVE
City: EMERYVILLE
Map Loc: 56 - within 1/4 mile W of the subject
Status: EPA ID#: CAD982513822

Site: FOLKMANIS INC
Address: 1219 PARK AVE
City: EMERYVILLE
Map Loc: 66 - within 1/4 - 1/2 mile W of the subject
Status: EPA ID#: CAC000526280

Site: JESSUP INC.
Address: SAN PABLO & ADELIN ST
City: EMERYVILLE
Map Loc: 33 - within 1/4 mile SW of the subject
Status: EPA ID#: CAX000021980

Site: PRECISION AUTO TRANSMISSION
Address: 3631 SAN PABLO AVE
City: OAKLAND
Map Loc: 50 - within 1/4 mile SW of the subject
Status: EPA ID#: CAL000010626

Site: GMC TRUCK & COACH DIVISION
Address: 3800 SAN PABLO AVE
City: OAKLAND
Map Loc: 42 - within 1/4 mile SW of the subject
Status: EPA ID#: CAD040023855

Site: TONY'S MEXICO
Address: 4000 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 27 - within 1/4 mile W of the subject
Status: EPA ID#: CAD982009268

Site: TEXACO CELIS STATION
Address: 4000 SAN PABLO AVE
City: OAKLAND
Map Loc: 27 - within 1/4 mile W of the subject
Status: EPA ID#: CAL000057725

Site: CECIS TEXACO STATION
Address: 4000 SAN PABLO AVE
City: OAKLAND
Map Loc: 27 - within 1/4 mile W of the subject

Status: EPA ID#: CAL000018939

Site: S F FRENCH BREAD PRODUCTS
Address: 4070 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 23 - within 1/4 mile W of the subject
Status: EPA ID#: CAD982333239

Site: EMERYVILLE REDEVELOPMENT AG
Address: 4300 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 35 - within 1/4 mile W of the subject
Status: EPA ID#: CAC000633328

Site: CITY OF EMERYVILLE/REDEV AGCY
Address: 4320 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 39 - within 1/4 mile W of the subject
Status: EPA ID#: CAC000295489

Site: BERKELEY FARMS INC
Address: 4550 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 62 - within 1/4 mile NW of the subject
Status: EPA ID#: CAX000224642

Site: REGGIE JACKSON
Address: 4057 WATTS ST
City: EMERYVILLE
Map Loc: 58 - within 1/4 mile W of the subject
Status: EPA ID#: CAX000084764

Site: C A COMMUNICATIONS
Address: 4063 WATTS ST
City: EMERYVILLE
Map Loc: 61 - within 1/4 mile W of the subject
Status: EPA ID#: CAL000000193

Site: ERIC SCHMIER
Address: 1033 YERBA BUENA AVE
City: EMERYVILLE
Map Loc: 14 - within 1/4 mile SW of the subject
Status: EPA ID#: CAC000790464

Site: BAY COUNTIES SERVICE STATIO
Address: 1096 YERBA BUENA AVE
City: EMERYVILLE
Map Loc: 19 - within 1/4 mile SW of the subject

Status: EPA ID#: CAC000646728

Site: SANTA FE PACIFIC REALTY
Address: 1268 YERBA BUENA AVE
City: EMERYVILLE
Map Loc: 54 - within 1/4 mile SW of the subject
Status: EPA ID#: CAC000259561

Site: WESTRANSCO FREIGHT CO.
Address: 1270 YERBA BUENA AVE
City: EMERYVILLE
Map Loc: 57 - within 1/4 mile SW of the subject
Status: EPA ID#: CAX000054890

UST Permitted Underground Storage Tanks - State Water Quality Control Board

The Corteses Bill (AB2013), enacted in 1983, required registration of all underground storage tanks (UST) with the State Water Quality Control Board by July 1, 1984. About 176,000 tanks and surface impounds were registered between 1984 and 1987. An amendment (AB 1413) was passed in 1987, effectively removing the State Board from the registration process starting January 1, 1988. The data reflects the information collected by the state between 1984 and 1987 as well as recent time and includes all tanks and surface impounds in use or closed after 1974.

Home and farm heating fuel tanks with capacities of 1,100 gallons or less and "structures such as sumps, separators, storm drains, catch basins, oil field gathering lines, refinery pipelines, lagoons, evaporation ponds, well cellars, separation sumps, lined and unlined pits, sumps and lagoons" except those defined as UST under HSWA or may be regulated to protect water quality under the Porter-Cologne Water Quality Control Act are excluded.

This list has been researched within a quarter of a mile radius of the subject site.

Site: FIDELITY ROOF COMPANY
Address: 1075 40TH ST
City: OAKLAND
Map Loc: 10 - within 1/4 mile SW of the subject
Status: 00000053633 (198798A)

Site: FRANK W. DUNNE COMPANY
Address: 1007 41ST ST
City: OAKLAND
Map Loc: 1 - the subject site
Status: 00000000679 (198798I)

Site: THE FLECTO COMPANY, INC.
Address: 1000 45TH ST
City: OAKLAND
Map Loc: 22 - within 1/4 mile N of the subject
Status: 00000020119 (198798A)

Site: EMERYVILLE DIVISION NO. 2
Address: 1140 45TH ST
City: EMERYVILLE
Map Loc: 63 - within 1/4 mile W of the subject
Status: 00000036754 (198798A)

Site: I.T.T. CONTINENTAL BAKING CO.
Address: 1010 46TH ST
City: OAKLAND
Map Loc: 24 - within 1/4 mile N of the subject
Status: 00000036651 (198798A)

Site: RED TOP ELECTRIC CO. EMERYVILL
Address: 4377 ADELIN ST
City: EMERYVILLE
Map Loc: 15 - within 1/4 mile N of the subject
Status: 00000038842 (198798A)

Site: 92029
Address: 890 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 48 - within 1/4 mile SE of the subject
Status: 00000062185 (1987&93)

Site: CALIFORNIA MAINTENANCE
Address: 901 W MAC ARTHUR BLVD
City: OAKLAND
Map Loc: 45 - within 1/4 mile SE of the subject
Status: (191998A)

Site: TOSCANA BAKING COMPANY
Address: 3924 MARKET ST
City: OAKLAND
Map Loc: 28 - within 1/4 mile SE of the subject
Status: 00000068512 (198798I)

Site: ARCO STATION
Address: 4401 MARKET ST
City: OAKLAND
Map Loc: 41 - within 1/4 mile NE of the subject
Status: (191998I)

Site: THE AMERICAN RUBBER MFG. CO.
Address: 1145 PARK AVE
City: EMERYVILLE
Map Loc: 38 - within 1/4 mile W of the subject
Status: 00000054608 (198798I)

Site: PEPSI COLA BOTTLING CO.
Address: 1150 PARK AVE
City: EMERYVILLE
Map Loc: 43 - within 1/4 mile W of the subject
Status: 00000065124 (1987&95)

Site: EMERYVILLE VETERANS
Address: 4321 SALEM ST
City: EMERYVILLE
Map Loc: 21 - within 1/4 mile NW of the subject
Status: (191998A)

Site: OAKLAND TRUCK CENTER (FORMERLY
Address: 3800 SAN PABLO AVE
City: OAKLAND
Map Loc: 42 - within 1/4 mile SW of the subject
Status: 00000067277 (1987981)

Site: CLIPPER EXXPRESS COMPANY
Address: 3871 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 29 - within 1/4 mile SW of the subject
Status: 00000011824 (1987981)

Site: CELIS TEXACO SERVICE STATION
Address: 4000 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 27 - within 1/4 mile W of the subject
Status: 00000048043 (198798A)

Site: TOSCANA BAKING COMPANY
Address: 4070 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 23 - within 1/4 mile W of the subject
Status: 00000068490 (1987981)

Site: TOSCANA BAKING COMPANY
Address: 4070 SAN PABLO AVE
City: OAKLAND
Map Loc: 23 - within 1/4 mile W of the subject
Status: 01002020684 (1993)

Site: EMERYVILLE FIRE DEPT
Address: 4331 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 40 - within 1/4 mile NW of the subject
Status: 00000045542 (198798A)

Site: EMERYVILLE SERVICE STATION
Address: 4501 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 51 - within 1/4 mile NW of the subject
Status: 00000001371 (198798A)

Site: BERKELEY FARMS INC. EMERYVILLE
Address: 4550 SAN PABLO AVE
City: EMERYVILLE
Map Loc: 62 - within 1/4 mile NW of the subject
Status: 00000001372 (198798A)

FORMER DUNNE QUALITY PAINT
1007 41ST ST, OAKLAND

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Date: 11-22-2000
Job: BLOC3306

Site: WESTRANSCO FREIGHT CO.
Address: 1270 YERBA BUENA AVE
City: EMERYVILLE
Map Loc: 57 - within 1/4 mile SW of the subject
Status: 00000047928 (198798A)