

APPENDIX I-2

Phase I Environmental Site Assessment

**Phase I Environmental Site Assessment
General Mills Facility
Vallejo, California**

December 22, 2006

Prepared For:

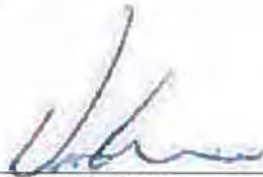
Mr. Bruce Yamamoto
Brooks Street
900 Walnut Avenue, Quarters D
Mare Island
Vallejo, CA 94592

Prepared By:

Northgate Environmental Management, Inc.
300 Frank H. Ogawa Plaza, Suite 510
Oakland, California 94612



Alan Leavitt, P.E., R.E.A.
Principal Engineer



Derrick Willis
Principal



TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	Purpose.....	1
1.2	Detailed Scope of Services	1
1.3	Limitations and Exceptions.....	2
1.3.1	Limitations	2
1.4	User Reliance	3
2.0	SITE SETTING.....	4
2.1	Location and Legal Description	4
2.2	Site and Vicinity General Characteristics	4
2.3	Geology and Groundwater.....	4
2.4	Current Use of the Property	5
2.5	Description of Structures, Roads, Sewage, and Potable Water Sources.....	5
2.6	Current Uses of Adjoining Property	6
3.0	USER PROVIDED INFORMATION.....	7
3.1	Title Records.....	7
3.2	Environmental Liens or Activity and Use Limitations.....	7
3.3	Valuation Reduction for Environmental Issues	7
3.4	Owner, Property Manager, and Occupant Information	7
3.5	Reason for Performing the Phase I ESA.....	8
4.0	RECORDS REVIEW	9
4.1	Standard Environmental Record Sources	9
4.1.1	Off-Site Sources.....	10
4.2	Additional Environmental Record Sources	15
4.2.1	City of Vallejo Building Department.....	15
4.2.2	City of Vallejo Planning Department	16
4.2.3	City of Vallejo Fire Department	16
4.2.4	Solano County Resource Management – Environmental Health Services.....	16
4.2.5	Solano County Resource Management – Planning Services	17
4.2.6	Solano County Resource Management – Building and Safety Services	17
4.2.7	Bay Area Air Quality Management District (BAAQMD).....	17
4.2.8	California Regional Water Quality Control Board (RWQCB).....	18
4.2.9	Department of Toxic Substance Control (DTSC).....	18
4.2.10	On-Site File Review.....	18
4.2.11	Non-Scope Considerations.....	19
4.2.11.1	Natural Areas Maps	19
4.2.11.2	Historic Site Maps.....	19
4.2.11.3	Floodplain Maps	20
4.2.11.4	Wetlands Maps.....	20
4.2.11.5	FCC and FAA Site Maps	20
4.2.11.6	Radon	20
4.3	Land Use History	21



4.3.1	Aerial Photographs.....	21
4.3.1.1	Subject Site	21
4.3.1.2	Surrounding Area.....	22
4.3.2	Historic Topographic Maps	22
4.3.2.1	Subject Site	22
4.3.2.2	Surrounding Area.....	22
4.3.3	Sanborn Maps	23
4.3.4	City Directories.....	25
4.4	Interviews.....	25
4.5	Previous Environmental Reports	26
4.6	Current Environmental Conditions on the Site.....	29
5.0	SITE RECONNAISSANCE.....	31
5.1	Methodology and Limiting Conditions.....	31
5.2	General Site Conditions	31
5.3	Surrounding Vicinity	33
6.0	PHASE I ESA CONCLUSIONS.....	34
7.0	REFERENCES.....	36
8.0	ENVIRONMENTAL PROFESSIONAL STATEMENT.....	37



TABLE

- 1 UST Table

FIGURES

- 1 Site Location Map
- 2 Site Plan
- 3 Locations of Former USTs and ASTs

SITE PHOTOGRAPHS

APPENDICES

- A Environmental Data Resources, Inc. Report – Radius Report
- B Solano County Resource Management – File Summary
- C Environmental Data Resources, Inc. Report – NEPA Check
- D Environmental Data Resources, Inc. Report – Aerial Photographs
- E Environmental Data Resources, Inc. Report – Topographic Maps
- F Environmental Data Resources, Inc. Report – Sanborn Map Report
- G Environmental Data Resources, Inc. Report – City Directory
- H Resume of Environmental Professional



1.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) performed by Northgate Environmental Management, Inc. (Northgate) at the General Mills property, located at 800 and 790 Derr Street in Vallejo, California (Site). The Site consists of approximately 39 acres of land developed with a flour mill and associated structures. The Site is composed of nine adjacent parcels identified as Assessor's Parcel Numbers 0061-160-090, 0062-010-130, 0062-010-110, 0061-111-030, 0062-020-010, 0062-020-020, 0062-020-030, 0062-020-040, and 0062-010-180. A Site Location Map is shown on Figure 1 and a Site Plan is shown on Figure 2.

1.1 Purpose

The purpose of the Phase I ESA has been to identify and evaluate Recognized Environmental Conditions at the Site, in accordance with the ASTM E1527-05 Phase I assessment standard. The term "Recognized Environmental Conditions," as defined in the ASTM E1527-05, *Standard Practice for Environmental Site Assessments*, means the presence, or likely presence of hazardous substances or petroleum products on the Site under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous materials or petroleum products into structures on the subject Site, or into the ground, groundwater, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with existing laws. The term is not intended to include *de minimus* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

1.2 Detailed Scope of Services

This Phase I ESA included the following services:

- Review of readily available information regarding the history of the Site, including historic aerial photographs, maps, and other information, and discussions with individuals familiar with the Site;
- A review of provided title documents for the Site, and a search for environmental liens;
- A visual reconnaissance of the Site and near-vicinity conducted on November 27, 2006;
- A review of readily-available regulatory agency publications and files, and discussions with regulatory officials;



- A reconnaissance-level evaluation of other additional issues outlined in Section 13.1.5 of ASTM E1527-05, including radon, wetlands, cultural and historic resources, ecological resources, and endangered species; and
- Preparation of this report.

An asbestos and lead investigation was not included as part of this report.

1.3 Limitations and Exceptions

1.3.1 Limitations

The purpose of an environmental assessment is to reasonably evaluate the potential for, or actual impact of, past practices on a given site area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. No investigation is thorough enough to absolutely rule out the presence of hazardous materials at a given site. If hazardous conditions have not been identified during the assessment, such a finding should not be construed as a guarantee of the absence of such materials on the Site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Environmental conditions may exist at the Site that cannot be identified by visual observation.

Except where there is express concern of our client, or where specific environmental contaminants have been previously reported by others, naturally occurring toxic substances, potential environmental contaminants inside buildings, or contaminant concentrations that are not of current environmental concern may not be reflected in this document.

Where the scope of services is limited to interview and/or review of readily available reports and literature, any conclusions and/or recommendations are necessarily based largely on information supplied by others, the accuracy or sufficiency of which may not be independently reviewed by Northgate.

Any opinions and/or recommendations presented apply to Site conditions existing at the time of performance of services. We are unable to report on, or accurately predict, generally unforeseeable events that may impact the Site following performance of services, whether occurring naturally or caused by external forces. Therefore, we cannot assume responsibility of such events or their impact. We also cannot assume responsibility for changes in environmental standards, practices, or regulations.



1.4 User Reliance

This report has been prepared for the exclusive use of Brooks Street and its lenders, partners, successors, and assigns. Others may not rely on the information contained in this report without the express written consent of Northgate.



2.0 SITE SETTING

2.1 Location and Legal Description

The Site consists of approximately 39 acres of land located southeast of the intersection of Derr Street and Lemon Street, along the Mare Island Strait in Vallejo, California. The Site consists of nine adjacent parcels. The largest parcel, assessor's parcel number (APN) 0061-160-090, is developed as a flour mill facility, located at 800 Derr Street, and a residence located at 790 Derr Street with associated structures. The remaining parcels, APNs 0062-010-130, 0062-010-110, 0061-111-030, 0062-020-010, 0062-020-020, 0062-020-030, 0062-020-040, and 0062-010-180 are vacant shoreline land.

2.2 Site and Vicinity General Characteristics

The Site is developed with a flour mill facility, which is no longer in operation. The Site consists of an old flour mill, two warehouses, other structures associated with the processing and storage of flour and flour products, a plant residence, and other associated structures. The western portion of the Site is currently being remediated for petroleum hydrocarbons. The Site is bordered on the north by Mare Island Strait and a rail yard, on the south by Mare Island Strait, to the east by residential development, and on the west by Mare Island Strait, beyond which lies Mare Island. The Site is generally located in a mixed residential and commercial development area.

2.3 Geology and Groundwater

The subject Site is located in the northern portion of the East Bay Hills east of San Pablo Bay and The Mare Island Strait. According to geotechnical reports for the Site prepared by Engeo Incorporated (2006), previous geologic mapping indicates that the western portion of the Site is underlain by Holocene Artificial Fill, and the eastern portion of the Site is underlain by Late Cretaceous undivided sandstone, siltstone, and shale of the Great Valley Complex. Additional geologic mapping indicates that the eastern portion of the Site is underlain by Panoche formation consisting of micaceous shale with minor thin sandstone beds and arkosic sandstone.

According to the U.S. Geological Survey Topographic Map of the Benicia Quadrangle, the Site is situated at an elevation of approximately 100 to 140 feet above sea level on the upper eastern portion of the site, and 10 feet to sea level on the western portion of the Site. Locally, surface topography slopes to the west.

Near surface fill soils on the western portion of the Site consist of silty clay or clayey sand with claystone fragments of moderate to high plasticity (Engeo, 2006). This material extends to



approximately 11 to 19 feet below ground surface (bgs). Soft clay was encountered from 19 feet to 20.5 feet bgs. Claystone was encountered below surface soils to at least 25.5 feet bgs. Fluctuations in groundwater levels may occur seasonally and over a period of years due to variations in precipitation and other factors. According to a groundwater monitoring report and tidal survey conducted by Malcolm Pirnie (May 2006), groundwater flow at the subject Site is generally towards the west.

2.4 Current Use of the Property

The Site is currently developed as a former flour-processing mill. Historic operations on the site include cleaning, processing, bleaching and packaging flour and flour products. The subject Site currently contains ten main structures associated with the mill, and one vacant residence with a garage, a barn, garage and chicken coop. The Site is generally located in a mixed residential and commercial development area.

2.5 Description of Structures, Roads, Sewage, and Potable Water Sources

The main structures located on the Site, and their approximate year of construction, are listed below:

- **Old Warehouse Building/Mill (1918)** - an eight-story building at the center of the subject Site, used for flour processing and a large warehouse area used for flour storage.
- **Office Building (1917)** - two-story office building that once contained a laboratory on the second floor.
- **Grain Elevator Building (1918)** - an eight-story storage facility for wheat that includes a truck scale adjacent to the eastern side of this structure.
- **Mill Run Building (1990s)** - used for processing of grain for animal feed, situated in the approximate location of former Bag Factory/Etching and Printing Area.
- **Old Bulk Building (1940s)** - used for flour storage.
- **New Bulk Building (1960s)** - used for flour storage.
- **New Warehouse Building (1950s)** - historically used to store bulk quantities of flour and other General Mills products prior to shipment. Southeastern portion of the building used for packaging and pallets, contained battery-charging area for forklifts. The northeastern portion of the building contains a loading dock area.
- **Truck Loading Building (1990s)** - Located adjacent to New Warehouse building.
- **Garage (1918)** - Historically used as a repair shop for small delivery trucks and as a security building. The southern portion of the garage contains a fenced-in area for



chemical storage. Four sumps, filled with concrete are visible in the floor of the northern portion of the building.

- **Plant Residence (1898) and Associated Structures** – This residence is currently vacant. It is located in the northeast corner of the subject Site. An automobile garage, a barn and a chicken coop are located near the residence.
- **Welding Area and Storage Buildings** – A corrugated metal welding shed and two storage buildings are located southeast of the Old Warehouse loading dock area.
- **Former Printing Plate Storage Area** – This area is southeast of the Mill Run Building, and was reportedly used to store lead plates associated with bag printing operations (Clayton Group Services, 10-19-2005). The area includes a concrete pad and vault constructed into the adjacent hillside.

A railroad spur extends onto the Site and separates into three parts running along the western and eastern sides of the Old Warehouse building. A guard shack is located at the entrance to the Site. A driveway extends from Derr Street to the Plant Residence Building. Fire hydrants are located adjacent to the garage building, and the site is connected to municipal water supply and sewer system. Power lines are located along the northern border of the Site. A drainage ditch is located east of the Grain Elevator building. Five groundwater-monitoring wells have been installed on the Site by Malcolm Pirnie.

2.6 Current Uses of Adjoining Property

Land-use in the general vicinity of the Site is commercial and residential. The Site is bordered on the north by Mare Island Strait and a rail yard, on the south by Mare Island Strait, to the east by residential development, and on the west by Mare Island Strait, beyond which lies Mare Island.



3.0 USER PROVIDED INFORMATION

3.1 Title Records

A chain-of-title report for the Site indicated that a quitclaim deed for 11 parcels was signed on December 20, 1954, by Ivan and Audrey Tullos to General Mills, Inc., a corporation. On February 20, 1929, Sperry Flour Company sold property to General Mills, Inc. Preliminary Title Reports for seven parcels (including APNs 061-160-09, 061-111-03, 062-010-11, 062-010-13, 062-010-18, 062-020-01, 062-020-02, 062-020-03, and 062-020-04) provided by First American Title indicate that parcels one through six are owned by General Mills, Inc., a Delaware corporation, and that parcel seven is a leasehold estate created by an unrecorded lease dated May 1, 1991, executed by City of Vallejo as lessor and General Mills, Inc., a Delaware corporation, as lessee. The Preliminary Title Reports contain a number of leases and easements dating from 1917 to the present. The reports do not contain information indicating the Site was owned or occupied by an entity that would indicate an obvious potential for the presence of soil or groundwater contamination at the Site. In our opinion, the Site development history depicted in the historic aerial photographs and topographic maps suggests that chain-of-title documents would not have added significant information to this investigation.

3.2 Environmental Liens or Activity and Use Limitations

Preliminary Title Reports for nine parcels did not indicate the presence of environmental liens, or activity or use limitations. A search for environmental liens for the subject Site at Solano County Recorder's office from 1941 through the present was conducted by EDR. The search resulted in no environmental liens or other activity and use limitations found for the Site.

3.3 Valuation Reduction for Environmental Issues

Northgate has not been informed of any known reduction in valuation for environmental issues.

3.4 Owner, Property Manager, and Occupant Information

According to Preliminary Title Reports for the Site, APNs 061-160-09, 061-111-03, 062-010-11, 062-010-13, 062-010-18, 062-020-01, 062-020-02, and 062-020-03, are owned by General Mills; and APN 062-020-04 is owned by the City of Vallejo and leased to General Mills.



3.5 Reason for Performing the Phase I ESA

It is understood that Brooks Street intends to purchase the Site and to that end the purpose of this Phase I ESA is to provide appropriate inquiry into the previous ownership and use of the Site consistent with good commercial and customary practice in an effort to minimize liability.



4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

An environmental database report prepared by Environmental Database Resources, Inc. (EDR) was reviewed for local, state, and federal listings for properties with the site vicinity. Regulatory database lists were reviewed for cases pertaining to leaking underground and aboveground storage tanks (USTs and ASTs), hazardous waste sites, and abandoned sites within the specified radii of standards established in the ASTM. The information provided to Northgate and the reported direction of groundwater flow were used to assist Northgate in this assessment. In addition, we reviewed local regulatory agency files for additional specific information regarding sites identified in the EDR report judged to be of possible concern to the subject Site. The EDR report, including a summary of the agency databases reviewed and a map showing the location of the identified sites, is provided as Appendix A. The results of the database search and follow-up agency file review are summarized below.

The subject Site, denoted as 800 Derr Street, is listed on nine regulatory databases reviewed by Northgate during this investigation. All of these databases pertain to fuel tanks formerly located on the subject Site with the exception of Emissions Inventory Data (EMI), which pertains to registered emissions facilities. The subject Site is listed on the following databases:

LUST – Leaking Underground Storage Tanks. The subject Site is listed on this database due to discovery, cleanup, and monitoring of leaking underground fuels storage tanks identified on the property from 1987 through 2006.

UST – The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database. As of June 2006, one UST was registered as inactive and undergoing post remediation monitoring on this database for the subject Site.

Notify 65 – This database pertains to Proposition 65 Records that identify any release that could impact drinking water and expose the public to a potential health risk. The subject Site is listed on this database, however no discharge dates or incident details are specified.

Cortese – This database, which is not currently maintained, pertains to sites identified on the Cortese Hazardous Waste and Substances Site List. The subject Site is listed; however, no details are specified.



TRIS – Toxic Chemical Release Inventory System. This database identifies facilities that release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313. The subject Site is listed; however, no details are specified.

CA FID UST – California Facility Inventory Database. This database is a historical listing of active and inactive UST locations. The subject Site is listed as inactive.

HIST UST – Historical UST database. Five USTs of varying capacities containing waste oil and diesel fuel are listed for the subject Site.

EMI – Emissions Inventory Data. This database identifies registered emissions facilities. The subject property was formerly permitted for various operations by the Bay Area Air Quality Management District (BAAQMD). See section 4.2.7 of this report for more details.

SWEEPS UST – A database for USTs that is no longer maintained. Nine USTs of varying capacities containing diesel fuel and motor oil are listed for the subject Site.

4.1.1 Off-Site Sources

The results of the database search and follow-up agency file review for properties with the search radius specified by the ASTM standard are summarized below.

National Priority List (NPL): No properties are listed within a 1-mile radius of the subject Site.

Proposed National Priority List Sites (Proposed NPL): No properties are listed within a one-mile radius of the subject Site.

National Priority List Deletions (Delisted NPL): No properties are listed within a one-mile radius of the subject Site.

Federal Superfund Liens (NPL Recovery): The subject Site is not listed.

CERCLIS: No properties are listed within a 0.5-mile radius of the subject Site.

CERCLA NFRAP List (CERC-NFRAP): No properties are listed within a 0.5-mile radius of the subject Site.

RCRA Corrective Action Report (CORRACTS): No properties are listed within a one-mile radius of the subject Site.

RCRA-permitted Treatment, Storage and Disposal Facilities (RCRA-TSD): No properties are listed within a 0.5-mile radius of the subject Site.

RCRA Large Quantity Generators of Hazardous Waste (RCRIS-LQG): No properties are listed within a 0.25-mile radius of the subject Site.



RCRA Small Quantity Generators of Hazardous Waste (RCRIS-SQG): No properties are listed within a 0.25-mile radius of the subject Site.

Emergency Response Notification System (ERNS): The subject Site is not listed.

Hazardous Materials Information Reporting System (HMIRS): The subject Site is not listed.

Engineering Controls Site List (US ENG CONTROLS): No sites are listed within a 0.5-mile radius of the subject Site.

Sites with Institutional Controls (US INST CONTROL): No sites are listed within a 0.5-mile radius of the subject Site.

Department of Defense (DOD): One facility, Mare Island Naval Station (closed), is listed within a one-mile radius of the subject Site. This facility is located approximately 0.5-miles west and across Mare Island Strait from the subject Site. Based on our review, this facility does not appear to represent a significant potential threat to soil or groundwater quality at the subject Site, given its distance and topographic location (downgradient) in relation to the subject Site.

Formerly Used Defense Sites (FUDS): No properties are listed within a one-mile radius of the subject Site.

US BROWNFIELDS: No properties are listed within a 0.5-mile radius of the subject Site.

Superfund (CERCLA) Consent Decrees (CONSENT): No properties are listed within a one-mile radius of the subject Site.

Records of Decision (ROD): No properties are listed within a one-mile radius of the subject Site.

Uranium Mill Tailings Sites (UMTRA): No properties are listed within a 0.5-mile radius of the subject Site.

Open Dump Inventory (ODI): No properties are listed within a 0.5-mile radius of the subject Site.

Toxic Chemical Release Inventory System (TRIS): The subject Site is listed. See section 4.1.

Toxic Substances Control Act (TSCA): The subject Site is not listed.

FIFRA/TSCA Tracking System (FTTS): The subject Site is not listed.

Section 7 Tracking Systems (SSTS): The subject Site is not listed.

Integrated Compliance Information System (ICIS): The subject Site is not listed.

PCB Activity Database System (PADS): The subject Site is not listed.

Material Licensing Tracking System (MLTS): The subject Site is not listed.



Mines Master Index File (MINES): No properties are listed within 0.25-mile radius of the subject Site.

Facility Index System/Facility Registry System (FINDS): The subject Site is not listed.

RCRA Administrative Action Tracking System (RAATS): The subject Site is not listed.

State Equivalent CERCLIS List (Cal-Sites): No properties are listed within a one-mile radius of the subject Site.

Bond Expenditure Plan (CA Bond Exp. Plan): No properties are listed within a one-mile radius of the subject Site.

School Property Evaluation Program (SCH): No properties are listed within a 0.25-mile radius of the subject Site.

Toxic Pits Cleanup Act Sites (Toxic Pits): No properties are listed within a one-mile radius of the subject Site.

State Landfill List (SWF/LF): No properties are listed within a 0.5-mile radius of the subject Site.

Waste Discharge System (CA WDS): The subject Site is not listed.

Waste Management Unit Database (WMUDS/SWAT): No properties are listed within a 0.5-mile radius of the subject Site.

"Cortese" Hazardous Waste and Substances Sites List (Cortese): The subject site is listed as well as two additional sites within a 0.5-mile radius of the subject Site. For a description of subject Site listing, see section 4.1. The following two sites are listed within a 0.5 mile radius of the subject Site:

EZ Stop – 605 Magazine Street. This site is located approximately 0.35-miles east of the subject Site. According to files maintained by the Solano County Resource Management Environmental Health Services Division, two 10,000 gallon USTs used to store gasoline were removed from this site in 1994. Seven hundred cubic yards of soil were excavated from the vicinity of the USTs. Groundwater monitoring of this site has been conducted since 1995. The most recent groundwater monitoring report from March 2006 indicates that the monitoring well closest to the subject Site did not contain total petroleum hydrocarbons as gasoline (TPH-g) above the laboratory method reporting limit. Furthermore, site plans show the contaminated plume moving east, away from the subject Site.



Based on our review, this property does not appear to represent a significant potential threat to soil or groundwater quality at the subject Site, given its distance and downgradient location in relation to the subject Site.

7-Up Bottling Company – 425 Chestnut Avenue This site is located approximately 0.5-miles north of the subject Site. According to files maintained by the Solano County Resource Management Environmental Health Services Division, two USTs were removed from this facility in 1989. Following a soil and groundwater quality investigation in the vicinity of the former USTs, Solano County granted closure to this site in 1995.

Based on our review, this property does not appear to represent a significant potential threat to soil or groundwater quality at the subject Site, given its distance in relation to the subject Site.

Recycler Database (SWRCY): No sites are listed within a 0.5-mile radius of the subject Site.

State Leaking Underground Storage Tanks (LUST): The subject site and three additional sites are listed within a 0.5-mile radius of the subject Site. For a discussion of the subject Site listing, see section 4.1. The two sites nearest to the subject Site, EZ Stop – 605 Magazine Street, and 7-UP Bottling Company are discussed under the Cortese database listing above. Based on our review, these sites do not appear to represent a significant potential threat to soil or groundwater quality at the subject Site, given their distance and/or topographic location in relation to the subject Site.

State Facility Inventory Database (CA FID UST): The subject site and one additional site is listed within a 0.25-mile radius of the subject Site. For a discussion of the subject Site listing, see section 4.1. The additional site listed is EZ Stop – 605 Magazine Street, discussed under the Cortese database listing above.

California Toxics List (CA SLIC): No sites are listed within a 0.5-mile radius of the subject Site.

State Hazardous Substance Storage Containers (UST): The subject Site and two additional sites are listed within a 0.25-mile radius of the subject Site. For a discussion of the subject Site listing, see section 4.1. The first additional site listed, EZ Stop – 605 Magazine Street, is discussed under the Cortese database listing above. The second site listed is:

Original Display Fixture – 206 Lemon Street, located approximately 0.4-miles north of the subject Site. According to files maintained by Solano County Resource Management Environmental Health Services, two USTs, were removed from the site; one in 2004, and one in 2005. Soil sampling results showed low levels of lead, naphthalene, ethylbenzene, toluene and xylenes detected in the soil in the vicinity of the tanks. Based on our review, this site does not appear to represent a significant potential threat to soil or groundwater quality at the subject Site, given its distance and topographic location (downgradient and/or crossgradient) in relation to the subject Site.



Hazardous Registered Storage Container Database (HIST UST): The subject Site and one additional property are listed within a 0.5-mile radius of the subject Site. For a discussion of the subject Site listing, see section 4.1. The additional site listed is EZ Stop – 605 Magazine Street, discussed under the Cortese database listing above.

Aboveground Petroleum Storage Tank Facilities (AST): No sites are listed within a 0.25-mile radius of the subject Site.

Sweeps UST: The subject Site and one additional property are listed within a 0.25-mile radius of the subject Site. For a discussion of the subject Site listing, see section 4.1. The additional site listed is EZ Stop – 605 Magazine Street, discussed under the Cortese database listing above.

California Hazardous Material Incident Report System (CHMIRS): The subject site is not listed.

Proposition 65 Records (Notify 65): The subject site is listed. No additional properties are listed within a 1-mile radius of the subject Site. For a discussion of the subject Site listing, see section 4.1.

Deed Restriction Listing (DEED): No properties are listed within a 0.5-mile radius of the subject Site.

Voluntary Cleanup Program Properties (VCP): No properties are listed within a 0.5-mile radius of the subject Site.

Cleaner Facilities (DRYCLEANERS): No properties are listed within a 0.25-mile radius of the subject Site.

Well Investigatory Program Case List (WIP): No properties are listed within a 0.25-mile radius of the subject Site.

Clandestine Drug Labs (CDL): The subject Site is not listed.

State Response Sites (RESPONSE): No properties are listed within a 1-mile radius of the subject Site.

Facility and Manifest Data (HAZNET): The subject Site is not listed.

Emissions Inventory Data (EMI): The subject Site is listed, see section 4.1.

Envirostor Database (ENVIROSTOR): No properties are listed within a 1-mile radius of the subject Site.

Indian Reservations (INDIAN RESERV): No properties are listed within a 1-mile radius of the subject Site.

Leaking Underground Storage Tanks on Indian Land (INDIAN LUST): No properties are listed within a 0.5-mile radius of the subject Site.



Underground Storage Tanks on Indian Land (INDIAN UST): No properties are listed within a 0.25-mile radius of the subject Site.

EDR Proprietary Manufactured Gas Plants: No properties are listed within a 1-mile radius of the subject Site.

EDR Historical Auto Stations: No properties are listed within a 0.5 mile radius of the subject Site.

EDR Historical Cleaners: No properties are listed within a 0.5 mile radius of the subject Site.

4.2 Additional Environmental Record Sources

Northgate contacted local regulatory agencies for information regarding the use or storage of hazardous materials at the subject Site. The following agencies were contacted:

- City of Vallejo Building Department
- City of Vallejo Planning Department
- City of Vallejo Fire Department
- Solano County Resource Management – Environmental Health Services
- Solano County Resource Management – Planning Services
- Solano County Resource Management – Building and Safety Services
- Bay Area Air Quality Management District
- California Regional Water Quality Control Board (RWQCB)
- Department of Toxic Substance Control (DTSC)

The results of our review are described in the following sections.

4.2.1 City of Vallejo Building Department

Files for the subject Site maintained by the City of Vallejo Building Department generally contained building permits for tenant additions, improvements, and demolition from 1987 through 2006 for the address 800 Derr Street, APN 0061-160-090. Additional historic files were not readily accessible to Northgate at the time of this assessment. Permits on file included demolition of a bag factory in 1987, building of new loading docks in 1992, an addition of a penthouse and the building of a new forklift maintenance building in 1994, a code enforcement in 1997 for trash in the street, demolition permits for a wood-framed house in 2003, various electrical permits, and re-roofing permits. In addition, two permits are on file for the removal of underground oil tanks. One permit for tank removal was filed in 2003 and put on hold, and the second was filed for the removal of five tanks in 2006, status pending. One building permit was approved for the



foundation of a new tank in 1998. Additional permits on file for the subject Site include permits for weed abatement on a vacant parcels filed for APN 0061-111-030 from 1989 through 1998.

4.2.2 City of Vallejo Planning Department

According to Ms. Catherine Donovan, a Planner for the City of Vallejo Planning Department, does not maintain any historic files for the subject Site.

4.2.3 City of Vallejo Fire Department

Files for the subject Site maintained by the City of Vallejo Fire Department generally contain permits, chemical inventories, fire service plans, inspection reports, and sprinkler plan checks, dated 1947 through 2006. The earliest permit for the subject Site, identified as Sperry Flour Mill, dated 1966, is for the installation of a 1,000-gallon UST. The location of this tank was not identified on the permit. Additional applications and permits for the installation and operation of diesel and waste-oil USTs are on file, dated 1980 through 1987. Files documenting the removal of at least six USTs are dated April 1987 through March 1989. A permit for the installation of two diesel ASTs is dated April 1988. Hazardous materials inventories in the file generally consist of Tier II inventories for chlorine, propane and carbon dioxide from 1992 through 2003. Additionally, hazardous materials management plans dated 1987 through 1989, show on-Site storage and use of pesticides, fumigants, solvents, small amounts of acid, waste oil, fuel, and printing ink. Fumigation notices addressed to the Vallejo County Fire Department dated 1984 through 1988 document the use of methyl bromide as a pesticide used to clean the flour processing and storage areas. Documents also describe one fire incident in a trash collector that occurred in 1980. In general, records maintained by the Fire Department were consistent with files provided to Northgate by General Mills and those reviewed at the Solano County Resource Management Environmental Health Division.

4.2.4 Solano County Resource Management – Environmental Health Services

The Solano County Resource Management – Environmental Health Services (SCRMEHS) is the local Certified Unified Program Agency (CUPA), with overall responsibility for permitting and overseeing the use and storage of hazardous materials in the County. They are the lead agency for the subject Site and maintain many documents on file for the subject Site. Files maintained for the subject Site generally contained UST permits, and documentation of removal and subsurface investigations/remediation efforts on 13 USTs, dated 1986 through 2006. Table 1 summarizes information on the location of the identified USTs, their size and contents, estimated



date of use, and current status. Additionally, Table 1 summarizes information on the ASTs identified at the Site.

The most recent document on file at the time of Northgate's file review was a letter conditionally approving a Remedial Action Work Plan submitted by Malcolm Pirnie in August 2006.

Hazardous materials permits on file were dated 1990 through 2003, and generally show on-Site storage and use of pesticides, fumigants, solvents, small amounts of acid, waste oil, fuel, and printing ink. Some specific chemicals listed include chlorine, methyl bromide, dimethyl ether, methyl chloride, argon, and oxygen. In general, records maintained by the SCRMEHS were consistent with files provided to Northgate by General Mills and those reviewed at the City of Vallejo Fire Department. A file summary timeline, prepared by the SCRMEHS, documenting the environmental history of the subject Site from 1946 through 2006 is attached as Appendix B.

4.2.5 Solano County Resource Management – Planning Services

According to Janelle, Clerk at Solano County Resource Management, the Planning Services division does not maintain any files for the subject Site.

4.2.6 Solano County Resource Management – Building and Safety Services

Files for the subject Site maintained by Solano County Resource Management contained documents relating to the building of a sewage pump station at 101 Sandy Beach Road, APN 0062-020-040 in 1990. According to county assessor's maps, this parcel was owned by the city and leased by General Mills. According to Mr. Floyd Miller, General Mill's current Site Manager, this parcel was appropriated by squatters, and is no longer used by General Mills. The sewage pump station was constructed to supply municipal sewer services to the residences on this parcel.

4.2.7 Bay Area Air Quality Management District (BAAQMD)

Files for the subject Site maintained by the Bay Area Air Quality Management District (BAAQMD) generally contain permits, permit applications, and inspections for various processes associated with flour milling and storage from 1988 through 2003. Documents for the subject Site include authority to construct (A/C) and permit to operate (P/O) equipment processes that produce particulate matter, such as the production of hot cereal and baking mix, flour handling, and packaging. In addition, the Site maintained a permit to operate a diesel generator from 1998 through 2003 for 50-60 hours per year. One violation was noted in 1988 for construction without a permit of three storage silos. No further action was granted for this violation in August of 1989. One source test was completed in 1994 for particulate emissions



from one dust collector. The results of the source test showed particulate concentrations well below the permitted limit.

4.2.8 California Regional Water Quality Control Board (RWQCB)

According to Ms. Melinda Wong, the California Regional Water Quality Control Board –San Francisco Bay region (RWQCB) does not maintain office files for the subject Site. Files for the subject Site found on the Geotracker database, maintained by the RWQCB, generally contained site investigations, tanks closures, groundwater monitoring reports, environmental screening levels etc., submitted by Malcolm Pirnie for the General Mills commercial and residential areas in 2006. These reports are described in more detail in section 4.5.

4.2.9 Department of Toxic Substance Control (DTSC)

According to Ms. Lule Varela, Regional Records Coordinator, the Department of Toxic Substance Control (DTSC) does not maintain any files for the subject Site.

4.2.10 On-Site File Review

Northgate reviewed files provided by General Mills, located in the office building of the subject Site. On-site environmental files generally contained old fire insurance maps (1898 through 2004), site plans, various agency permits for hazardous material storage and use through 2004, and documentation of removal and subsurface investigations/remediation efforts on 13 USTs, dated 1984 through 2004. The majority of the environmental reports that document the removal and subsurface investigation/remediation efforts are listed in Section 4.5. In general, permits in the file maintained by General Mills were found in the agency file reviews. Hazardous waste manifests dated 1992 through 2003 document the removal of small quantities of organics and inorganics such as mineral oil, oil waste, and cleaning solutions. Polychlorinated biphenyl (PCB) light ballasts were also removed under hazardous waste manifests in 1995 and 1997.

Hazardous Materials Business Plans and chemical inventories submitted to SCRMEHD are on file from 1991 through 1999. A Fumigation Management Plan, dated May 2004, describes railcar fumigation with phostoxin and magnesium phosphide. A site facility map from 1939 and a fire insurance map from 1938 show a debris/dump area located along the shoreline on the western portion of the Site.



4.2.11 Non-Scope Considerations

Northgate performed a reconnaissance-level evaluation of other environmental issues, as outlined in Section 13.1.5 of ASTM E1527-05, including radon, wetlands, cultural and historic resources, ecological resources, and endangered species. The evaluation consisted of reviewing a database search of National Environmental Policy Act (NEPA)-related databases compiled by EDR. The EDR database search is provided as Appendix C. The results of our review are summarized below.

4.2.11.1 Natural Areas Maps

Natural areas maps reviewed during this investigation include the following:

- Officially Designated Wilderness Area: One site, Mare Island Naval Station (Closed) is listed within a one-mile radius of the subject Site.
- Officially Designated Wildlife Preserve: One site, Mare Island Naval Station (Closed) is listed within a one-mile radius of the subject Site.
- Threatened or Endangered Species or Critical Habitat: The EDR report identifies ten threatened or endangered species or Critical Habitat located within a one-mile radius of the subject Site. The EDR report shows a California Natural Diversity Database (CNDD) listing for the Monarch Butterfly (an endangered species) in the area along the eastern boundary of the subject Site. With the exception of this species, the endangered species listed on CNDD are located across Mare Island Strait at least 0.25 miles west of the subject Site. In addition, various threatened or endangered species have been identified in the general Solano County area. However, based on the former industrial use of the Site, it is our opinion that the CNDD listings are not a concern at the Site.

4.2.11.2 Historic Site Maps

Historic site maps reviewed during this investigation include the following:

- National Register of Historic Places: Two sites, Mare Island Historic District, and Mare Island Naval Shipyard are listed within a one-mile radius of the subject Site. Both of these sites are located across Mare Island Strait, approximately 0.5-miles west of the subject Site,
- California Historic Landmarks: One site, First U.S. Naval Station in the Pacific is listed within a one-mile radius of the subject Site. This site is located on the corner of Tennessee Street and Mare Island Way in Vallejo, across Mare Island Strait, approximately 0.5 miles northwest of the subject Site.



4.2.11.3 Floodplain Maps

Floodplain maps reviewed during this investigation include the following:

- **FEMA Floodplain Designation:** According to the EDR report, the Site is located within a designated 100-year flood zone; in addition, a 100-year flood zone is located approximately 0.25-miles west of the subject Site.

4.2.11.4 Wetlands Maps

Wetland maps reviewed during this investigation include the following:

- **National Wetlands Inventory:** The subject Site is not identified as a wetland area on the National Wetlands Inventory summary, as summarized by EDR. Nineteen sites are listed within a one-mile radius of the subject Site. The closest of these sites is along the shore of Mare Island Strait, approximately 0.125-miles southeast of the subject Site.

4.2.11.5 FCC and FAA Site Maps

The following FCC and FAA site maps were reviewed:

- **FCC Cellular:** No sites are listed within a one-mile radius of the subject Site.
- **FCC Tower:** No sites are listed within a one-mile radius of the subject Site.
- **FCC Antenna:** No sites are listed within a one-mile radius of the subject Site.
- **FAA Digital Obstacle File:** Three sites are listed within a one-mile radius of the subject Site. The closest of these sites is located approximately 0.25-miles northwest of the subject Site.
- **Airports:** No sites are listed within a one-mile radius of the subject Site.
- **Power Lines:** Four high-voltage power lines are identified within a one-mile radius of the subject Site. The closest of these lines is maintained by Pacific Gas and Electric, and located approximately 0.9-miles north of the subject Site.

4.2.11.6 Radon

Information provided by EDR (Appendix A) indicates that Solano County is designated as Federal Radon Zone 3 (indoor average level <2 pCi/L). Federal testing at two sites in the local area zip code (94583) produced an average radon concentration of 0.65 Pico Curries per liter (pCi/L) on the first-floor, and -0.200 pCi/L. These results indicate that radon gas does not appear to constitute a significant environmental concern at the subject Site.



4.3 Land Use History

Historical information for the Site and adjacent areas was evaluated by reviewing historic aerial photographs, maps, and other documents, in addition to reviewing information available in local agency files.

4.3.1 Aerial Photographs

Northgate reviewed historic aerial photographs of the Site from 1937, 1957, 1965, 1970, 1974, 1982, 1993 and 1998. Copies of the aerial photographs are provided as Appendix D. A summary of our aerial photograph review is presented below.

4.3.1.1 Subject Site

In 1937, the date of the earliest aerial photograph reviewed, the subject is developed with the current Old Warehouse building, grain elevator, office, and garage buildings. The original mill is located on the western portion of the Site and the historic cafeteria and bag factory buildings are located on the southern portion of the Site. A small structure, possibly the bag factory boiler house, is located just north of the bag factory building. The residence, associated out-buildings and water tanks are not visible, due to tree cover on the eastern portion of the Site. The rail spurs are evident, extending onto the Site from the north.

In the 1957 photograph, the new warehouse building is present on the northern portion of the Site. What appears to be the Old Bulk building is located west of the Old Warehouse. The area just south of the original mill appears to have been filled in. Two water tanks are located on the western portion of the Site. In the 1965 photograph, the old mill building has been removed, and the shoreline reduced in that area. The shoreline appears to have been extended near the historic bag factory on the southern portion of the Site. Two small structures are located between the Old Warehouse building and the new warehouse building. A New Bulk building is located adjacent to the Old Bulk building. A residence and associated structures are located in the northeastern portion of the Site.

There are no major changes to the subject Site in the 1970 photograph. No major changes are apparent in the 1982 photograph due to the quality of the photograph. In the 1993 photograph, the bag factory building and associated boiler house have been removed. The current truck loading structure is present north of the New Warehouse building. The current mill run building is now located on the southern portion of the Site. The truck loading building is located adjacent to the southwest corner of the New Warehouse building. The water tanks have been removed from the eastern portion of the Site. No major Site changes are apparent in the 1998 photograph.



4.3.1.2 Surrounding Area

The aerial photographs from 1937 and 1957, the subject Site is surrounded by vacant land to the south and east, with the exception of a small strip of residential development along the shoreline south of the Site. Mare Island Strait borders the Site to the west and north. A rail yard is located beyond a small area of canal north of the subject Site. In the 1965 photograph, residential development is apparent east of the subject Site, and grading for additional development is located northeast of the subject Site. In the 1970 and 1982 photographs, additional residential development appears in the previously graded area northeast of the subject Site. In the 1993 photograph, additional residential development appears along the southeast border of the subject Site. There are no major changes to the Site vicinity in the 1998 photograph.

4.3.2 Historic Topographic Maps

Northgate reviewed historic topographic maps for the Site obtained from EDR for the years 1898, 1901, 1902, 1947, 1959, 1968 and 1980. Copies of the topographic maps are provided in Appendix E. Our review is summarized in the following sections.

4.3.2.1 Subject Site

The map from 1898 and 1901 shows the Site as two large industrial structures in the area of the original mill building and the original warehouse building. A small structure is shown in the area of the current residence. A railroad spur extends onto the site from the north. In the map from 1902, structures are located on the Site, but specific features are difficult to decipher, due to the scale of the map. No major changes are visible on the 1947 map. The map from 1959 shows ten structures on the Site. The structures appear to be the new warehouse, old warehouse, grain elevator, bag factory, office buildings, the residence and one adjacent building. Two water tanks are shown on a hill. The railroad spur extends through to the southern end of the Site. There are no major changes in the maps from 1968 and 1980.

4.3.2.2 Surrounding Area

The map from 1898 and 1901 shows the Site bordered to the west and south by Mare Island Strait; to the north and east by mostly vacant land. A long warehouse-type building is shown adjacent to the property along the northwest. A small area of Mare Island Strait separates this property from the subject Site. In the map from 1902, details of the surrounding area are not visible, due to the scale of the map. The map from 1947 shows no major changes to the surrounding area. The map from 1959 shows power lines west of the subject Site and residential development is located southeast of the subject Site, along the shoreline. Two small structures are located adjacent to the railroad just



northwest of the subject Site. No major changes are present in the subsequent maps reviewed during this investigation.

4.3.3 Sanborn Maps

Northgate reviewed Sanborn Maps obtained from Environmental Data Resources (EDR) for the years 1886, 1889, 1901, 1919, 1938, 1944, 1950, 1956, 1970. Copies of the EDR Sanborn Maps, except the 1938 map are provided in Appendix F. Northgate reviewed the 1938 map at the Site, but did not obtain a copy from EDR. The map from 1886 identifies the subject Site as Starr Mill and Warehouse, a merchant mill that manufactures flour and feed. The map shows a seven-story mill building on a wharf, with an attached two-story granary, adjacent to the shoreline. The map indicates that the mill was constructed in 1869, with improvements in 1873, and 1883. The mill/granary structure includes a 12,000-gallon water tank, eleven smaller unidentified tanks, an engine room, and an area where bags were printed and sewn. A small office structure is shown east of the mill. A warehouse identified as Warehouse Number 1, is in the location of the current grain elevator building, and a proposed Warehouse Number 2 is located east of the mill building. A rail spur extends through the Site. A small stable is shown on the northern portion of the Site. A description of the property indicates that mineral oil is stored on-site for lamps. The intersection of Bay Street and Atherton Street is located east of the Site. Adjacent properties include residential buildings to the northeast and Thomas Hunt's Warehouse to the northwest.

The map from 1989 shows no major changes to the subject Site. The proposed Warehouse Number 2 has not been constructed; in its place is a Plank Wharf. A description of the property states that about two barrels of oil are stored in iron tanks on the first floor of the mill. Lard oil, Albany Machine Oil and Sperm oil are used on the premises for lubricating machines and for lamps used in the mill. Coal powered boilers are used to power the mill, and coal bunkers are stored in the boiler room. Adjacent properties include a railroad company's wharf with a water tank, and a hay barn west of the Site.

The map from 1901 identifies the subject Site as Port Costa Milling Company's Starr Mills. The original mill building appears to have increased in size. An oil room is located adjacent to the area where bags were printed and sewn. Two aboveground oil tanks are located on the western side of the subject Site. A site description notes that power is now supplied by steam, and fuel used is crude oil; however, coal bunkers are still located in the boiler room. A 50,000-gallon water tank is shown on the eastern portion of the Site. Two structures are depicted in the location of the current residence and barn. Adjacent properties are not depicted.



The map from 1919 identifies the subject Site as Sperry Flour Company's Vallejo Mills. The original mill building is now labeled as "Mill C." The coal bunkers are no longer stored in the boiler room, and it appears that the original mill building used fuel oil to power the boiler. Mill C contains an engine room, a carpentry room, and a machine shop. In the area of the previous Plank Wharf, is a Wharf Elevator and Warehouse Building. Warehouse Number 1 has been replaced by the current Old Warehouse structure and mill building, identified as "Mills A and B." The current Grain Elevator building is adjacent to the Old Warehouse building. Truck scales are located northwest of the Grain Elevator building. Railroad lines run between the Mill A and B and the Grain Elevator building. The shoreline adjacent to Mill A and B and the Old Warehouse appears to have been extended and partially filled-in adjacent to Warehouse. The current office and garage buildings are shown in their current locations. A residence is identified as "Manager's Dwelling" and contains an automobile garage, a stable, and two out-buildings, in addition to the previous barn. A "Tin Shop and Storage" structure is located southeast of the Old Warehouse building along with a bathhouse on a small wharf. An additional 50,000-gallon water tank is located on the eastern portion of the Site. Water lines are shown from the onsite water tanks and from a municipal source. One 140,000-gallon AST is shown on the eastern portion of the Site. Power is indicated as a mix of steam and electric, with use of fuel oil. Pyrenes are listed as stored chemicals in Mill C and Mill A and B. Adjacent sites are not shown.

The 1938 map identifies the subject Site as Sperry Flour Company. The general area south of the rail spur is identified as "Debris". The boundaries of the "Debris" area are not defined, but appear to extend into the inter-tidal zone, over approximately 200 feet along the shoreline south of the rail spur. The Tin Shop Building is now labeled as a Cafeteria and Storage Building. This map also shows the Bag Factory south of the Cafeteria Building, with the rail spur extending approximately 400 feet southward to the western side of the Bag Factory. The Printing Plate Storage facility is shown at the bottom of the hill east of the Bag Factory. The Boiler House and a 200-gallon fuel oil UST are located between the Cafeteria and Bag Factory.

The map from 1944 identifies the subject Site as General Mills Incorporated, Sperry Division. Some of the details of this map could not be deciphered, due to the quality of the map. Increased fill appears to have been placed between the main land and the original wharf area. The Wharf Elevator building has been removed and the original Mill building has been expanded in size to encompass this area. A portion of the original Mill building is identified as Feed Mill C. A carpenter/machine shop is located on the south end of Feed Mill C, and a bag cleaning area and a bag storage area are located in the northwestern corner of the original Mill building. At least two fumigating sheds are located south of Feed Mill C. A fuel UST of unspecified capacity is located along the shoreline. A Bag Factory building is located on the southern portion of the Site that



includes a concrete storage vault used for printing plat storage. The Bag Factory building also has an Etching and Printing area on the north side of the structure. The 140,000-gallon above ground storage tank is now labeled as a water tank.

The map from 1950 shows more fill added to the southeastern side of the existing fill area along the shoreline. The current New Warehouse building has been constructed on the northern portion of the Site. A Machine Shop and Sheet Metal working area is located inside the New Warehouse.

The map from 1956 shows no major changes to the subject Site. A small unmarked building is located on the filled-in area southwest of the Old Warehouse. A previous report (Clayton 2005) names this building as an "oil building."

In the map from 1970, the original Mill building and Feed Mill C have been removed. The filled-in area on the Site along the shoreline is largely vacant, with the exception of a boiler house and fumigation building that remain and a rail spur that extends to the shoreline. The current Old Bulk and New Bulk flour storage buildings are located adjacent to each other west of the Old Warehouse/Mill Building. No fuel tanks are depicted on the map with the exception of one tank of unspecified capacity located on the western portion of the property.

4.3.4 City Directories

Northgate reviewed a summary of local city directory listings for the Site and adjacent area obtained from EDR, available at approximate five-year intervals beginning in 1961 through 2006. A copy of the EDR summary report is provided in Appendix G. The directories contained a listing for General Mills Inc. Sperry Division in all of the years listed from 1961 through 2006. Listings for the Site vicinity for 1961 through 2006 include a trucking company, Southern Pacific Company, and a residence.

4.4 Interviews

As part of our investigation, Northgate interviewed Mr. Paul Zattoni, Environmental Engineer for General Mills on December 21, 2006. Additionally, Northgate interviewed Mr. Floyd Miller, on-Site manager, on November 27, 2006. Mr. Zattoni has worked for General Mills for three and one-half years. He referred Northgate to the existing documents made available by General Mills for information regarding former chemical usage, storage tanks, and closure activities at the Subject Site. Mr. Zattoni stated that he is not aware of any environmental cleanup liens that have been filed or recorded against the property. Additionally, he is not aware of any engineering controls, land use restrictions or institutional controls that are in place, or have been filed with a



government agency in response to contamination in soil or groundwater at the Subject Site. Mr. Zattoni did not have information regarding the sale price for the Subject Site and any potential offsets due to environmental contamination issues, if any.

Mr. Miller worked in a variety of positions at the Site for approximately 40 years. Mr. Miller explained the fumigation process at the Site. The warehouses were fumigated one time per month with methyl bromide by an off-site company. Mr. Miller was not aware of any documented chemical spills. He did speculate that before his time, used oil may have been dumped in the area that is currently being remediated by Malcolm Pirnie. Mr. Miller was aware of three fires that occurred at the Site. The first was in 1934, which burned down part of the Old Warehouse building; the second was in the 1950s, when the Old Feed Mill burned down, and the last was in 1980s, when a dust collector caught fire. Mr. Miller indicated that a machine shop was formerly located in the southern portion of the Old Warehouse building.

4.5 Previous Environmental Reports

As part of this investigation, Northgate reviewed the following previous environmental reports for the Subject site:

04-17-87 City of Vallejo, Fire Prevention Division, Underground Storage Tank Unauthorized Release/Contamination Site Report.

04 through 06-87 Alpha Chemical & Biomedical Laboratories, Total Petroleum Hydrocarbons Report.

03-07-88 McLaren Environmental Engineering, Results of Soils and Groundwater Investigation at General Mills.

12-20-88 Blymyer & Sons Engineering, Underground Storage Tank Unauthorized Release/Contamination Site Report.

07-26-91 General Mills, General Mills Response Letter to Solano County Department of Environmental Health Violations.

04-21-93 & 04-23-93 L2D2, Inc., Soils and Groundwater Investigation

09-08-93 L2D2, Inc., Subsurface Investigation Report

03-16-94 Solano County Department of Environmental Management, Notice of Corrective Action and Reimbursement Responsibility



05-03-94 Montgomery Watson, Proposal to Provide Environmental Consulting Services to General Mills for Subsurface Investigation of a Former UST Site.

5-11-95 McLaren/Hart, Soil and Ground Water Investigation, Supplemental Underground Storage Tank Closure Plan Including Quarterly Ground Water Monitoring at the General Mills Facility, 800 Derr Street, Vallejo, California, Prepared for General Mills, Inc.

03-06-96 McLaren/Hart, First Quarter 1996 Monitoring Report at the General Mills Facility, 800 Derr Street, Vallejo, California, Prepared for General Mills, Inc.

09-96 Solano County Department of Environmental Management, Remedial Action Completion Certification.

09-03-96 General Mills, Completion of Well Closure, Petition for Site Closure. Prepared for the Solano County Department of Environmental Management

05-19-03 Kleinfelder, Tank Removal and Sampling Report, General Mills Vallejo Mill, 800 Derr Avenue, Vallejo, California. Prepared for General Mills Vallejo Mill.

08-14-03 Kleinfelder, Revised Work Plan, General Mills Vallejo Mill

10-02-03 Solano County Department of Environmental Management, Review of Soil Investigation and Sampling Report

05-14-04 Kleinfelder, Soil and Groundwater Investigation and Sampling Report, General Mills Vallejo Mill, 800 Derr Avenue, Vallejo, California. Addressed to Mr. Bruce Androtti, General Mills.

05-27-04 Kleinfelder, Soil and Groundwater Investigation and Sampling Report – Additional Work, General Mills Vallejo Mill, 800 Derr Avenue, Vallejo California. Addressed to Mr. Bruce Androtti, General Mills.

08-23-04 Solano County Department of Resources Management, Remedial Action Completion Certification

06-15-04 General Mills Operations, Inc., Risk Management Plan

10-04 ENSR Corporation, Phase I Environmental Site Assessment, General Mills Vallejo Facility

10-19-05 Clayton Group Service, Inc. Phase I Environmental Site Assessment, Former General Mills Facility, 800 Derr Avenue, Vallejo, California. Prepared for Ellis Partners, LLC.

11-01-05 Clayton Group Service, Inc. Phase II Environmental Site Assessment, Former General Mills Facility, 800 Derr Avenue, Vallejo, California. Prepared for Ellis Partners, LLC.



01-27-06 Solano County Department of Resource Management, Notice of Corrective Action and Responsibility, Unauthorized Release, General Mills Vallejo Mill, 800 Derr Avenue, Vallejo, CA – addressed to Mike Nordstrom, General Mills.

02-00-06 Malcolm Pirnie, Inc. Site Investigation Report, Former Flour Mill Facility, 800 Derr Street, Vallejo, California, prepared for General Mills Operations, Inc.

02-00-06 Malcolm Pirnie, Inc. Site Specific Environmental Screening Level Report, prepared for General Mills, Former Flour Mill Facility, Vallejo, California.

02-00-06 Malcolm Pirnie, Inc. Tank Closure Report, prepared for General Mills, Former Flour Mill Facility, Vallejo, California.

03-00-06 Malcolm Pirnie, Inc. Revised Site-Specific Environmental Screening Level Report, prepared for General Mills, Former Flour Mill Facility, Vallejo, California.

04-04-06 Letter from Solano County Department of Resource Management to Mike Nordstrom, General Mills. Re: Correspondence Review.

04-06-06 Malcolm Pirnie, Inc. Corrective Action Assessment, Former Flour Mill Facility, Vallejo, California.

04-11-06 Technical Memo from Malcolm Pirnie, Inc. to Solano County Resource Management Department. Re: March 2006 Groundwater Monitoring Results, Former Flour Mill Facility, Vallejo, California.

04-25-06 Malcolm Pirnie, Inc. Response to Comments, Revised Site-Specific Environmental Screening Level and Site Characterization Reports, Former Flour Mill Facility, Vallejo, California.

05-00-06 Malcolm Pirnie, Inc. Groundwater Monitoring Report and Tidal Survey prepared for General Mills Operations, Inc.

05-12-06 Malcolm Pirnie, Inc. Residential Property Investigation Work Plan, Former Flour Mill Facility, 800 Derr Street, Vallejo, CA. Submitted to Solano County Department of Resource Management.

05-12-06 Malcolm Pirnie, Inc. Remedial Characterization Work Plan, Former Flour Mill Facility, 800 Derr Street, Vallejo, California. Submitted to Solano County Department of Resource Management.

5-18-06 Solano County Department of Resource Management letter to Mike Nordstrom, General Mills. Re: Clarification on Site Designation, Former General Mills Vallejo Mill, 800 Derr Avenue, Vallejo, CA.



5-19-06 Engeo, Inc. Geotechnical Feasibility Exploration 790 Derr Street, Vallejo, California. Submitted to Cornish and Carey Commercial Oncor International.

06-00-06 Malcolm Pirnie, Inc. Phase II Site Investigation Report, Residential Property, General Mills, Former Flour Mill Facility, 800 Derr Street, Vallejo, California.

06-23-06 Malcolm Pirnie, Inc. Proposed Revision to Site Specific Remediation Goals, Total Petroleum Hydrocarbons in Soil, Leaseholder Property at General Mills' Former Flour Mill Facility, 800 Derr Street, Vallejo, California.

07-11-06 Solano County Department of Resource Management letter to Mike Nordstrom, General Mills. Re: Phase II Site Investigation Report, Former General Mills, Residential Property, 800 Derr Avenue, Vallejo, California.

07-12-06 Solano County Department of Resource Management, public notice Re: Pending Remediation, Residential Property, Former Leaking Underground Storage Tank Site: General Mills' Vallejo Flour Mill, 800 Derr Street, Vallejo.

07-20-06 Malcolm Pirnie, Inc. Draft Memorandum to General Mills and Solano County Re: July 20, 2006 County Meeting. Meeting Summary.

08-03-06 Malcolm Pirnie, Inc. Residential Property Remedial Action Work Plan, Former Flour Mill Facility, 800 Derr Street, Vallejo, California. Submitted to Solano County Department of Resource Management.

08-10-06 Solano County Department of Resource Management letter to Mike Nordstrom General Mills. Re: Remedial Action Work Plan, Residential Property, 800 Derr Ave., Vallejo, CA.

11-28-06 Malcolm Pirnie, Inc. Residential Property Remedial Action Completion Report, Former Flour Mill Facility, 800 Derr Street, Vallejo, California.

4.6 Current Environmental Conditions on the Site

Clayton Group Service, Inc. (Clayton) completed a Phase I Environmental Site Assessment in 2005 for a potential buyer. Clayton identified eight USTs that were previously investigated and closed in 1996, and five additional potential USTs. Clayton also identified seven former ASTs used to store petroleum hydrocarbon fuels, a machine shop/sheet metal working area, use and storage of fumigants, a printing shop area, and fill on the western portion of the Site as potential areas of concern. Table 1 summarizes information regarding these USTs and ASTs.



As part of a Phase II investigation, Clayton completed soil and groundwater sampling at various locations across the Site. Results of Clayton's Phase II investigation showed elevated concentrations of hydrocarbons in the groundwater near the USTs they had previously identified.

In 2006, Malcolm Pirnie removed five additional USTs that had been identified by Clayton and began extensive soil and groundwater subsurface investigations, on behalf of General Mills. Results from the soil and groundwater quality investigations confirmed petroleum hydrocarbons to be chemicals of concern (COCs). Solano County Resource Management Environmental Health Division (SCRMEHD) divided the subject Site into two future areas, residential and commercial/industrial, and approved Malcolm Pirnie's site-specific remediation goals for the residential and commercial/industrial areas, respectively. Malcolm Pirnie delineated the extent of soil on the western portion of the Site containing petroleum hydrocarbon concentrations exceeding the approved remedial goals.

Malcolm Pirnie submitted options for a remedial action work plan for the (western) commercial portion of the Site, and is in the process of soil remediation in this area. The selected option involves excavation, treatment, and onsite reuse of petroleum hydrocarbon impacted soil. The treatment process involves ex-situ chemical oxidation to destroy petroleum hydrocarbons, lowering concentrations to values below the approved cleanup goals for commercial and industrial use of this portion of the Site.

Malcolm Pirnie is currently remediating petroleum hydrocarbon contaminated soil in the western wharf area, on behalf of General Mills. The remediation zone consists of an irregular shaped area approximately 300 feet long and a maximum of 150 feet wide. The excavation area extends under the footprint of the Original Mill Warehouse, and below the railroad spur leading towards the wharf (see Figure 2). Part of this area was previously used for disposal of debris, including construction debris from the Original Mill Warehouse. Piles of excavated debris and overburden soil from the excavation are currently located in the wharf area. Excavated soil that requires treatment is being relocated to the open area south of the Mill Run Building, where it is being spread in lifts and treated with chemical oxidants to destroy petroleum hydrocarbons. The treated soil will be used to backfill the excavation area.



5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Northgate observed current conditions at the subject Site and nearby vicinity during a reconnaissance on November 27, 2006. The Site reconnaissance was performed by traversing the Site by foot. Northgate was accompanied by Mr. Floyd Miller, on-Site manager for General Mills. The southernmost portion of the Subject Site along the shoreline was not accessible by foot due to the presence of chain link fencing that extended from the hillside downward into the water; therefore Northgate observed these areas from the north and the south, but could not traverse across the fenced area of the Site by foot. Additionally, Northgate was unable to observe the vault associated with the metal plate storage area (see Section 5.2 below) because the concrete slab in front of the vault was being used to store railroad ties, entirely blocking the entrance to the vault. There were no other limiting conditions.

5.2 General Site Conditions

At the time of our investigation, the Site consisted of eight contiguous parcels developed with a former flour processing facility and a residence, and a small area of undeveloped shoreline.

A plant residence, constructed in 1898 is located in the northeast corner of the subject Site, on a hill. This residence is currently vacant and in disrepair. A car garage, a barn and a chicken coop are located near the residence. With the exception of these buildings, the eastern portion of the Site is vacant land. A fire break has been cleared at the edge a fence along the eastern property line. A steep slope covered in vegetation separates this area from the western, developed portions of the subject property.

Eleven main structures are associated with the former flour processing facility located on the Site:

- **Old Warehouse Building/Mill (built in 1918)** – This building is an eight-story mill attached to a large warehouse used for flour storage. The nine stories of the mill have similar floor plans. The floors were used for different stages of flour processing, including cleaning, sifting, purifying, and packaging. The end product of this process was flour or feed. According to Mr. Miller, a K-ray machine, located in the Mill area of this building, contained one radioactive isotope and was used to measure the amount of water on the wheat. The first floor is a large warehouse area used for flour storage, with a loading dock on the southern end of the building. Mr. Miller indicated on a site map, that this area was formerly used as a machine shop. According to files reviewed by



Northgate, Tank 5 was historically located on the northwest side of the warehouse building. The Tank 5 area was cordoned off at the time of our Site Reconnaissance. Malcolm Pirnie had recently completed soil remediation in this area.

- **Welding Area and Storage Buildings** – A corrugated metal welding shed and two storage buildings are located southeast of the Old Warehouse loading dock area.
- **Office Building (built in 1917)** – A two-story office building is located northeast of the Old Warehouse/Mill building. This office building once contained a laboratory on the second floor.
- **Grain Elevator Building (built in 1918)** – The Grain Elevator building is located adjacent to and east of the Old Warehouse/Mill Building. The Grain Elevator was used to store, transport and blend grain. A truck scale is adjacent to the north side of this structure. A concrete pad and a drainage ditch are located on the eastern side of the building. Rail spurs are located between the Grain Elevator building and the Old Warehouse building.
- **Mill Run Building (built in the 1990s)** – This building is located on the southern portion of the subject Site. Trucks would enter this building and be filled with feed. According to files reviewed by Northgate during this investigation, this Mill Run is in the approximate location of a former Bag Factory/Etching and Printing Area. Tank 6 was located west of the building. A lead plate storage area with a vault was formerly located east of the Mill Run building. At the time of the Site Reconnaissance, this area was used as storage for old rail ties.
- **Old Bulk Building (built in the 1940s)** – This building was used for flour storage, and is located adjacent to the New Bulk building, west of the Old Warehouse.
- **New Bulk Building (built in the 1960s)** – This building was used for flour storage, and is located adjacent to the Old Bulk building, west of the Old Warehouse.
- **New Warehouse Building (built in the 1950s)** – The New Warehouse building is located on the northern portion of the Site. This building was historically used to store bulk quantities of flour and other General Mills products prior to shipment. The southeastern portion of the building was used for packaging and pallets, and contained a battery charging area for forklifts. Some staining was visible in this charging area. The northeastern portion of the building contains eleven loading docks. According to files reviewed by Northgate during this investigation, a machine shop was formerly located in the southeastern portion of the building from at least 1950 through 1970.



- **Truck Loading Building (built in the 1990s)** – The Truck Loading building is located adjacent to New Warehouse building. It was used to unload flour products onto trucks. A boat is currently being stored in the loading area. According to files reviewed by Northgate during this investigation, the abandoned Tank 7 was formerly located southeast of this building.
- **Garage (built in 1918)** – The garage is located north of the office building. The garage was historically used as a repair shop for small delivery trucks and as a security building. The southern portion of the garage contains a fenced-in area for storage of fumigants. Four floor sumps, filled with concrete are visible in the floor of the northern portion of the building. Some small stained areas are visible in the concrete. According to files reviewed by Northgate during this investigation, Tank 2 was formerly located south of the building.
- **Lead Plate Storage Area** – This area is southeast of the Mill Run Building, and was reportedly used to store lead plates associated with bag printing operations (Clayton Group Services, 10-19-2005). The area includes a concrete pad and vault constructed into the adjacent hillside. The vault could not be observed due to the presence of railroad ties stockpiled in this area. However, the vault is reportedly about 100 square feet in area, and was emptied of all remaining lead plates in approximately 2003 (personal communication, Alan Leavitt and Floyd Miller, 12-18-2006).

The remnants of railroad spurs extend onto the Site in three parts running along the western and eastern sides of the Old Warehouse building. A driveway extends from Derr Street to the Plant Residence Building. Fire hydrants are located adjacent to the garage building, and the site is connected to municipal water supply and sewer system. Power lines are located along the northern border of the Site. Excavation and remediation work is currently in progress on the southwest portion of the subject Site. Piles of debris and soil, covered in plastic sheeting, are located in the western wharf area. Chemicals to be used in chemical soil remediation are stored in the Old Warehouse Building.

5.3 Surrounding Vicinity

The Site is located along the Mare Island Strait, southwest of the intersection of Derr Street and Lemon Street. The Site is bordered on the north and east by a parcel of vacant land, beyond which lies residential development, and an abandoned car lot. The Site is bordered on the west and south by Mare Island Strait. Residential development is present south of the Site along the shoreline of Mare Island Strait. The Site is generally located in a mixed residential and commercial development area.



6.0 PHASE I ESA CONCLUSIONS

Northgate completed a Phase I Environmental Site Assessment (ESA) of the subject property (the Site) and near-Site vicinity in accordance with our proposal to Brooks Street dated November 3, 2006. Key findings of the Phase I ESA are as follows:

- The subject property was developed as a flour and feed mill in the mid-to-late 1800s and was used for this purpose until 2004. Related facilities at the site included machine shops to maintain equipment and machinery, packaging facilities (including a bag factory and print shop), grain elevators, and warehouses.
- Chemicals used at the Site have primarily included petroleum hydrocarbons (vehicle fuel and lubricants, machine oils, etc.), fumigants, organic solvents, bleaching agents, and printing materials (e.g., inks and dyes).
- Over the past approximately 20 years, the Site has been investigated for potential chemical releases to soil and groundwater. Most of this work has focused on the removal of underground storage tanks (USTs) and aboveground storage tanks (ASTs). To date, 13 USTs and seven ASTs are known to have been used at the Site. With the exception of one UST that was abandoned in place, all identified USTs and ASTs have been removed. However, given the long history of industrial use of the Site, it is possible that additional USTs, sumps, or underground pipelines will be encountered when the Site is redeveloped.
- In addition to the USTs and ASTs noted above, Clayton identified other potential Recognized Environmental Conditions (RECs) in its Phase I ESA (2005). These RECs included: machine shops, sheet metal working areas, the use of fumigants from at least 1938-2004, and the release of mineral oil from an AST near the Grain Elevator Building. Clayton completed soil and groundwater investigations that did not indicate substantial environmental impacts associated with the above potential RECs.
- A relatively large area of petroleum hydrocarbon-impacted soil was identified in 2005-2006 on the leasehold property at the western area of the site. While the specific source(s) of this contamination have not been confirmed, the impacted area appears to be associated with several former USTs and a part of the Site that was previously used to dispose of debris and other fill materials. The petroleum hydrocarbons consist primarily of Diesel and motor oil. Various PNAs also have been detected in the same general areas as the petroleum hydrocarbons. General Mills is currently remediating this area in accordance with a work plan approved by Solano County. The work plan specifies the



- remediation of soil to meet the Site-specific approved cleanup goals for commercial/industrial use in this part of the site.
- Based on Northgate's review of available documents, site reconnaissance, and interview with Mr. Miller, the following potential RECs have been identified:
 - Machine shop reportedly located in Old Warehouse. Based on our review of previous reports, no soil samples have been collected and analyzed in this area, and soil sampling in the vicinity of this building was insufficient to assess potential chemical releases.
 - Former etching and printing shop located on the southern end of the Site. Arsenic was measured at a concentration of 19 mg/kg in the vicinity of the former etching and printing shop. Malcolm Pirnie suggested that this concentration could be attributed to background levels of arsenic in the soil; however, arsenic concentrations measured in other areas of the site were considerable lower.
 - Former Dump/Debris Area located along western area of Site. According to historic fire insurance maps, a dump or debris area was previously located along the western shore of the Site. Limited soil sampling was completed in this area.
 - Northgate's Phase I ESA scope did not include assessing the presence of potential hazardous materials associated with structures at the site (e.g., construction materials containing asbestos and lead, refrigerants, PCBs, mercury switches, fluorescent lights, etc.). Given the likelihood that these substances are present at the site, additional inspection and abatement will be required prior to demolition of the existing structures.



7.0 REFERENCES

Contacts

City of Vallejo – Building Division

Contact: Lydia

City of Vallejo – Planning Division

Contact: Catherine Donovan, Planner

Solano County Resource Management

Contact: Janelle

Bay Area Air Quality Management District

Contact: Veronica

City of Vallejo – Fire Department

Contact: LeeAnn

Department of Toxic Substance Control

Contact: Lule Varela, Regional Records Coordinator

California Regional Water Quality Control Board

Contact: Melinda Wong

Floyd Miller – On-Site Manager for General Mills

Paul Zattoni, Environmental Engineer for General Mills

Publications and Reports

Clayton Group Services, Inc., *Phase I Environmental Site Assessment Report, 800 Derr Avenue, Vallejo, California, December 2005.*

Engco Incorporated, *Geotechnical Feasibility Exploration, 790 Derr Street, Vallejo, California, 2006.*

Malcolm Pirnie, *Groundwater Monitoring Report and Tidal Survey, Former Flour Mill Facility, 800 Derr Street, Vallejo, California, May 2006.*

Malcolm Pirnie, *Revised Site-Specific Environmental Screening Level Report, Former Flour Mill Facility, 800 Derr Street, Vallejo, California, March 2006.*



8.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Alan L. Leavitt, P.E., R.E.A.



Faint, illegible text at the top of the page, possibly a header or introductory paragraph.

TABLE

Faint, illegible text in the middle of the page, possibly a title or subtitle for a table.

Faint, illegible text at the bottom left of the page.

Faint, illegible text at the bottom right of the page.

TABLE 1
Historical Summary of Underground and Above Ground Fuel Storage Tanks

Underground Storage Tanks						
UST No.	Location	Contents	Size gallons	Estimated Date of Use	Source	Status
T-1	Northwest of New Warehouse building	Diesel fuel	1,000	1966-1987	Solano County Files	Removed in April 1987, State approved NFA in 1996.
T-2	South of Garage building	Diesel fuel	1,000	Unknown-1987	Solano County Files	Removed in April 1987, State approved NFA in 1996.
T-3	Northwest of New Warehouse building	Diesel fuel	5,000	1980-1988	Solano County Files	Removed in January 1988, State approved NFA in September 1996
T-4	Northwest of New Warehouse building	Diesel fuel	5,000	1980-1988	Solano County Files	Removed in January 1988, State approved NFA in September 1996
T-5	Northwest of the Mill/Old Warehouse building	Waste oil	250	Unknown-1988	Solano County Files	Removed in January 1988. State approved NFA in September 1996. Additional soil remediation completed in 2006.
T-6	Northwest of the Mill Run building	Diesel fuel or gasoline	1,000	1930s	Solano County Files	Removed in November 1988. State approved NFA in September 1996.
T-7	South of the Truck Loading building	Heating oil	32,000	1930s	Solano County Files	Closed in place in April 1993. State approved NFA in September 1996.
T-8	West of the plant residence	Heating oil	250	Unknown-2002	Solano County Files	Removed in April 2002
T-9	On wharf area (western portion of property)	Fuel oil	100	1930s	1938 Sanborn	Removed in January 2006
T-10	On wharf area (western portion of property)	Fuel oil	100	1930s	1938 Sanborn	Removed in January 2006
T-11	West of the garage building	Gasoline	280	1930s	1938 Sanborn	Removed in January 2006
T-12	West of the garage building	Gasoline	280	1930s	1938 Sanborn	Removed in January 2006
T-13	West of the Old Warehouse	Gasoline	10,000	1930s	1938 Sanborn	Removed in January 2006

TABLE 1
Historical Summary of Underground and Above Ground Fuel Storage Tanks

Above Ground Storage Tanks					
AST No.	Location	Contents	Estimated Date of Use	Source	Size (Gallons)
AST-1	Southeast of the New Warehouse in the vicinity of T-7	Fuel oil	1900s through 1920s	1901-1919 Fire Insurance Maps	Unknown
AST-2	Southeast of the New Warehouse in the vicinity of T-7	Fuel oil	1900s through 1920s	1901-1919 Fire Insurance Maps	Unknown
AST-3	Southeast of the New Warehouse in the vicinity of T-7	Fuel oil	1940s through 1970s	1944-1970 Fire Insurance Maps	Unknown
AST-4	Northwest of New Warehouse building	Diesel fuel	Installed in 1988 to replace T-3 and T-4	Solano County Files	6,000
AST-5	Northwest of New Warehouse building	Diesel fuel	Installed in 1988 to replace T-3 and T-4	Solano County Files	6,000
AST-6	Northeast of the Mill Run in the vicinity of T-6	Waste oil	1980s or 1990s	Solano County Files	550
AST-7	Eastern side of the Grain Elevator Building	Mineral oil	1990s	Solano County Files	7,000

FIGURES



G:\Projects\1164\1164_02_General Mills\1164_02_Phase I\Phase II Figures\Figures\Figure 1 - Site Location.dwg Layout: 8.5x11.P User: rmg Dec 14, 2000 - 4:25pm

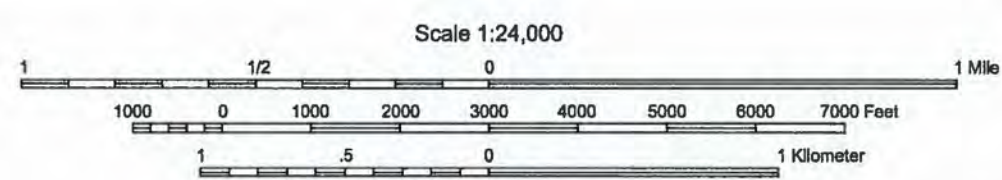
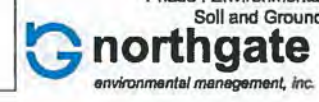


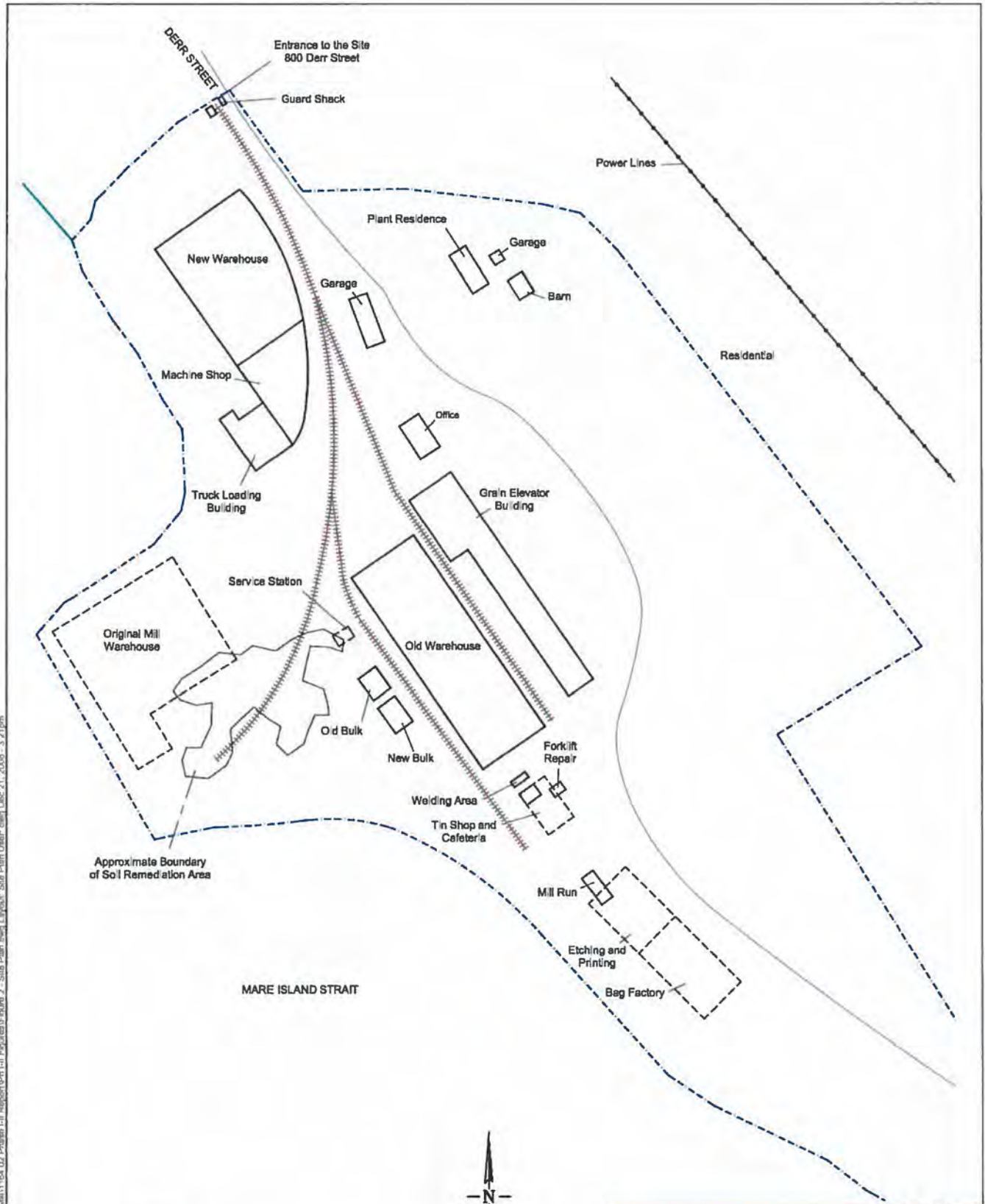
FIGURE 1
Site Location Map

General Mills Facility
 Phase I Environmental Assessment and Phase II
 Soil and Groundwater Quality Investigation
 Vallejo, California

Source: National Geographic USGS TOPOI 2000



Project No. 1164.02



C:\Projects\Temp\1164\1164_02_General Mills\1164_02_Phase I Report\Site Plan.dwg Layout: Site Plan.dwg, Dec 21, 2008 - 3:21pm

- LEGEND:**
- Site boundary
 - Existing building
 - Former building

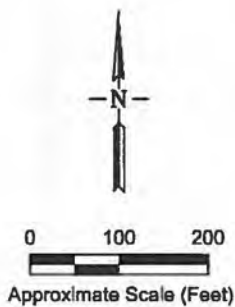
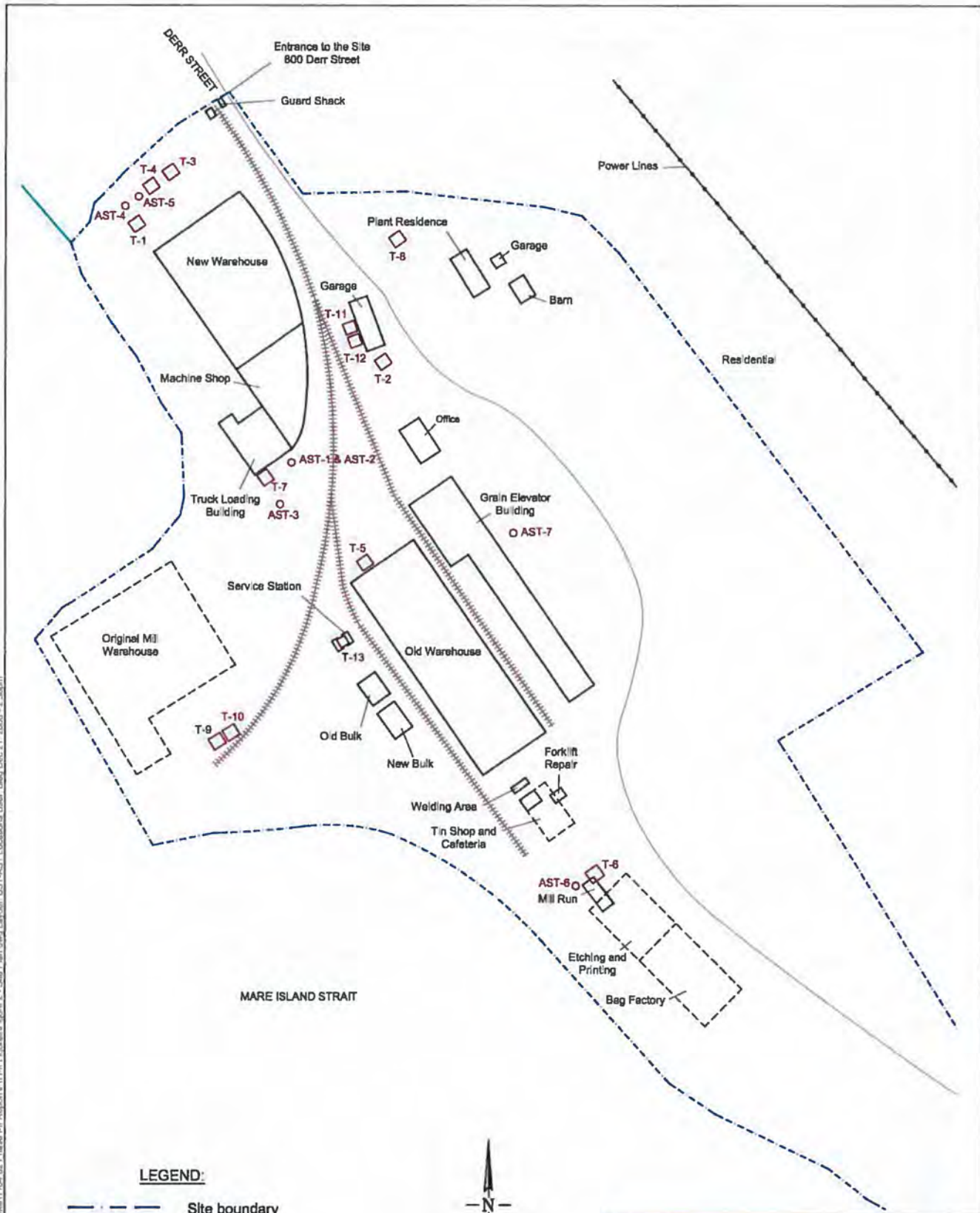


FIGURE 2
Site Plan

General Mills Facility
Phase I Environmental Assessment and Phase II
Soil and Groundwater Quality Investigation
Vallejo, California



Project No. 1164.02



G:\Projects\1164\1164_02_General Mills\1164_02_Phase I-II Report\Ph I, II Figures\Figures 2 - Site Plan.dwg, L:\Coll: UST-AST Locations User: oleg Dec 21, 2006 - 2:35pm

- LEGEND:**
- Site boundary
 - UST location
 - AST location
 - Existing building
 - Former building

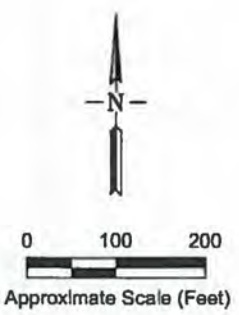


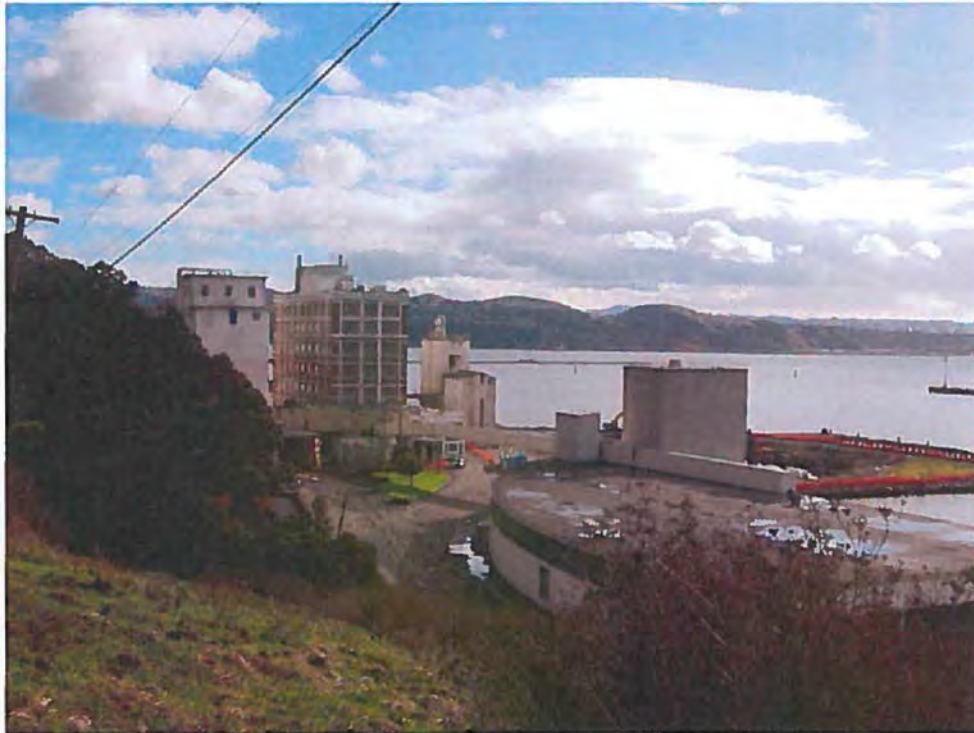
FIGURE 3
Locations of Former USTs and ASTs

General Mills Facility
Phase I Environmental Assessment and Phase II
Soil and Groundwater Quality Investigation
Vallejo, California

northgate
environmental management, inc.

Project No. 1164.02

SITE PHOTOGRAPHS



1. Flour facility buildings on the northern portion of the Site, view to the south.



2. Shoreline on southern portion of the Site, view to the northwest.





3. Vacant area, southern portion of the Site, view to the southeast.



4. Excavation and stockpiles on western portion of the Site, view to the west.

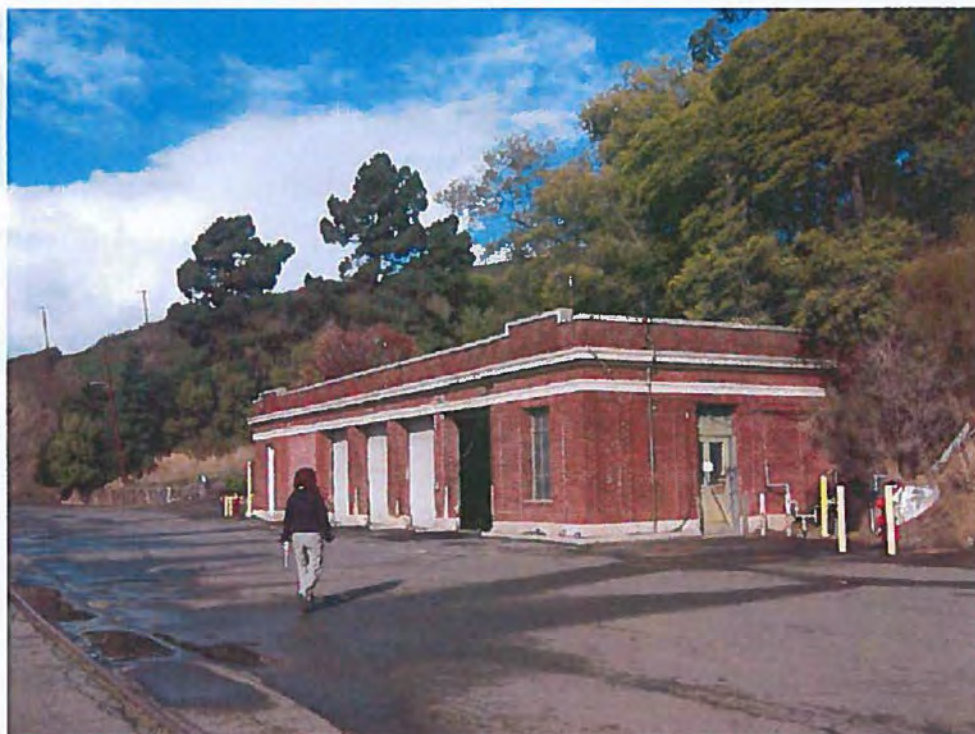




5. Mill run building on southern portion of the Site, view to southeast



6. Office building in the foreground, Grain Elevator building in the background, view to the southeast.



7. Garage building, former fumigant storage area, view to the north.



8. Interior of Garage building.





9. Plant residence, view to the east.



10. New Warehouse building and facility entrance, view to the northwest.





11. Loading dock area on northern end of New Warehouse building, view to the west.



12. Interior of New Warehouse building.



13. Former UST area T-1, T-3, T-4, and former AST area AST-4 and AST-5, northwest of the New Warehouse building, view to the northwest.



14. Interior of New Warehouse building, forklift charge area.



15. Eastern side of Grain Elevator building and drainage area, view to the southeast.



16. Grain elevator building, storage sheds, Old Warehouse and Mill building, view to the northwest.





17. Interior of Old Warehouse building.



18. Former UST T-5 area, north Old Warehouse and Mill building, view to the southwest.



19. Railroad spur between Grain Elevator Building and Old Warehouse and Mill building, view to the northwest.



20. New Warehouse building and Truck Loading Building, view to the west.





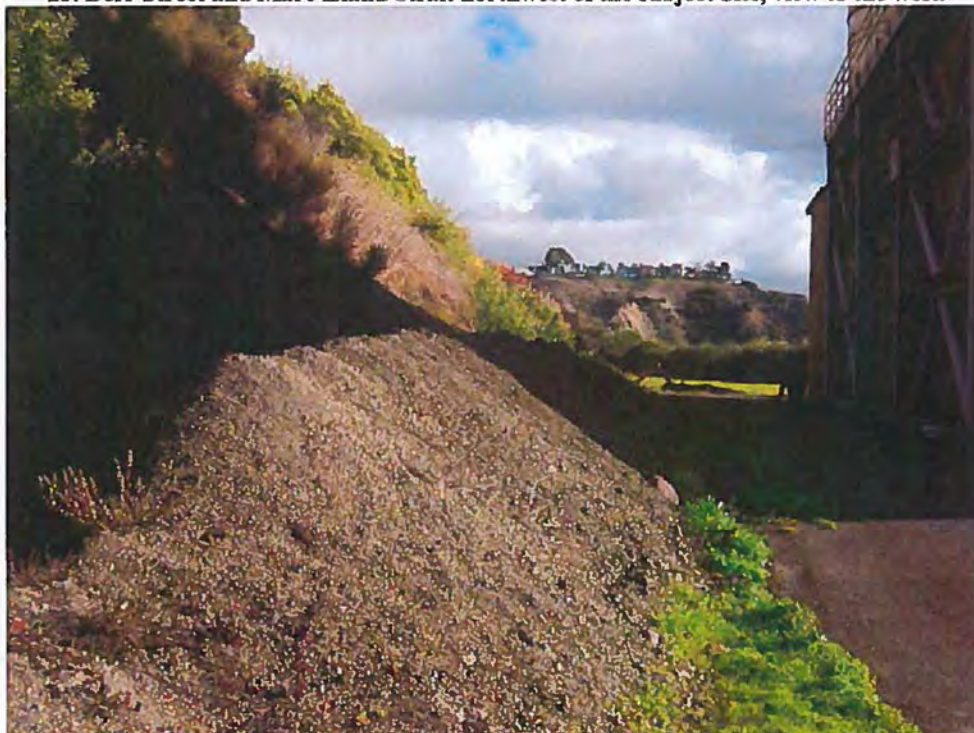
21. Residential development along shoreline at southern border of the subject Site, view to the southeast.



22. Vacant land and residences that border the Site to the east.



23. Derr Street and Mare Island Strait northwest of the subject Site, view to the west.



24. Southeast portion and view of eastern border of the subject Site, view to the southeast.





25. Subject Site in the foreground, western border of the Site, Mare Island Strait and Mare Island in the background, view to the west.



26. Drainage on eastern side of Grain Elevator building.



27. Fence along eastern border of Site.



28. Former printing-plate storage area on southeastern portion of Site, currently used to store old rail ties.

APPENDIX A
ENVIRONMENTAL DATA RESOURCES, INC. – RADIUS REPORT

**The EDR Radius Map
with GeoCheck®**

**General Mills
800 Derr Street
Vallejo, CA 94590**

Inquiry Number: 1792670.2s

November 09, 2006



**EDR® Environmental
Data Resources Inc**

**The Standard in
Environmental Risk
Management Information**

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	29
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-6
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-11
Physical Setting Source Records Searched	A-15

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

800 DERR STREET
VALLEJO, CA 94590

COORDINATES

Latitude (North): 38.080600 - 38° 4' 50.2"
Longitude (West): 122.244800 - 122° 14' 41.3"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 566234.0
UTM Y (Meters): 4214821.0
Elevation: 15 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38122-A2 BENICIA, CA
Most Recent Revision: 1980

West Map: 38122-A3 MARE ISLAND, CA
Most Recent Revision: 1980

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
GENERAL MILLS OPERATIONS, INC. 800 DERR AVE VALLEJO, CA 94590	LUST UST	N/A
GENERAL MILLS, COMMERCIAL 800 DERR VALLEJO, CA 94590	LUST Facility Status: Leak being confirmed	N/A
GENERAL MILLS COMMERCIAL 800 DERR ST VALLEJO, CA 94590	LUST	N/A
GENERAL MILLS, RESIDENTIAL 800 DERR VALLEJO, CA	LUST Facility Status: Pollution Characterization	N/A

EXECUTIVE SUMMARY

GENERAL MILLS OPERATIONS INC
800 DERR AVE
VALLEJO, CA 94590

Notify 65
LUST
Facility Status: Case Closed
Facility Status: Case Closed

94590GNRLM80

Cortese
TRIS
CA FID UST
HIST UST
EMI
SWEEPS UST

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
RCRA-SQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
SLIC	Statewide SLIC Cases
AST	Aboveground Petroleum Storage Tank Facilities
CHMIRS	California Hazardous Material Incident Report System
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
CLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
RESPONSE	State Response Sites
HAZNET	Facility and Manifest Data
ENVIROSTOR	EnviroStor Database

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners	EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL RECORDS

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

A review of the DOD list, as provided by EDR, and dated 12/31/2004 has revealed that there is 1 DOD site within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MARE ISLAND NAVAL STATION (CLO		1/2 - 1 WSW 0		19

STATE AND LOCAL RECORDS

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

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 Cortese sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EZ STOP	605 MAGAZINE ST	1/4 - 1/2ENE	B6	19
7 UP BOTTLING COMPANY	425 CHESTNUT AVE	1/2 - 1 NNW	C12	25

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/11/2006 has revealed that there are 5 LUST sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EZ STOP Facility Status: Post remedial action monitoring	605 MAGAZINE ST	1/4 - 1/2ENE	B6	19
DISCOUNT GAS GROCERY & LIQUOR	605 MAGAZINE ST	1/4 - 1/2ENE	B7	21
SEVEN-UP BOTTLING CO.	425 CHESTNUT ST	1/2 - 1 NNW	C11	25
7 UP BOTTLING COMPANY Facility Status: Case Closed	425 CHESTNUT AVE	1/2 - 1 NNW	C12	25
ARCO Facility Status: Leak being confirmed	101 LINCOLN RD WEST	1/2 - 1 ESE	13	27

EXECUTIVE SUMMARY

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>E-Z STOP MARKET</i>	<i>605 MAGAZINE ST</i>	<i>1/4 - 1/2ENE</i>	<i>B9</i>	<i>23</i>

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

A review of the UST list, as provided by EDR, and dated 07/11/2006 has revealed that there are 2 UST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>DISCOUNT GAS GROCERY & LIQUOR</i>	<i>605 MAGAZINE ST</i>	<i>1/4 - 1/2ENE</i>	<i>B7</i>	<i>21</i>
<i>ORIGINAL DISPLAY FIXTURE</i>	<i>206 LEMON ST</i>	<i>1/4 - 1/2NNW</i>	<i>10</i>	<i>24</i>

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>E-Z STOP MARKET</i>	<i>605 MAGAZINE ST</i>	<i>1/4 - 1/2ENE</i>	<i>B8</i>	<i>22</i>

SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.5 miles of the target property.

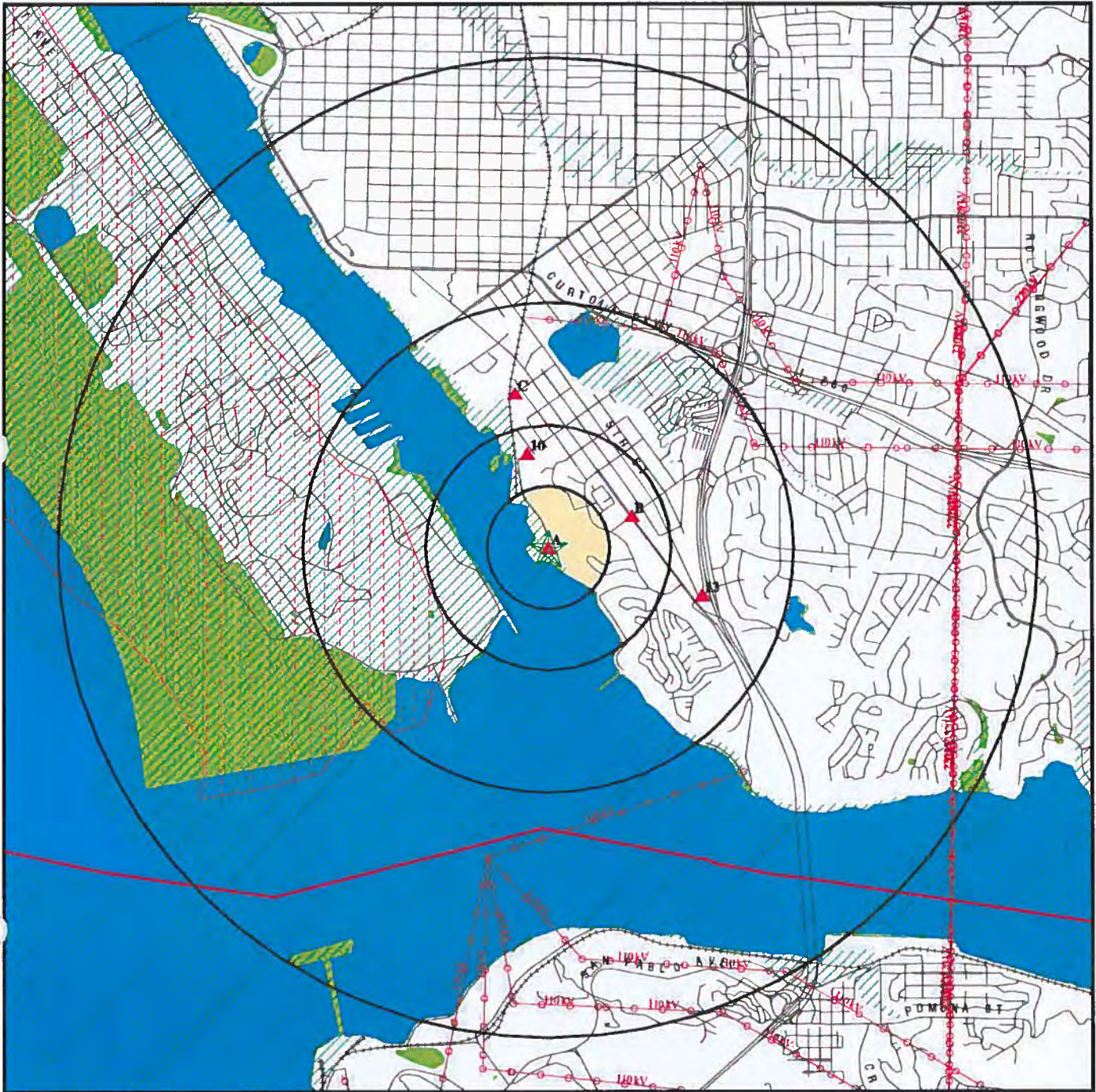
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>E-Z STOP MARKET</i>	<i>605 MAGAZINE ST</i>	<i>1/4 - 1/2ENE</i>	<i>B9</i>	<i>23</i>

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
CITISATCOM SKY VALLEY/SAN FRANCISC	CA FID UST, SWEEPS UST
AUSTIN CREEK STORM WATER STATI	CA FID UST, SWEEPS UST
ARCO	Cortese, HIST UST
DOSHIER PROPERTY	LUST
NAVY MARE ISLAND BUILDING 71	LUST
MARE ISLAND NAVAL SHIPYARD - A-25	LUST
MARE ISLAND NAV SHIP 231 (1)(2)	LUST
MARE ISLAND NAV SHIP A202	LUST
MARE ISLAND NAV SHIP H86	LUST
MARE ISLAND NAV SHIP 686 (1)	LUST
MARE ISLAND NAV SHIP 750	LUST
MARE ISLAND NAV SHIP A-71	LUST
MARE ISLAND NAV SHIP A-71W	LUST
MARE ISLAND NAV SHIP A-191	LUST
MARE ISLAND NAV SHIP A-71 N	LUST
MARE ISLAND NAV SHIP A-71 S	LUST
MARE ISLAND NAV SHIP A-267	LUST
MARE ISLAND NAV SHIP A246 E	LUST
MARE ISLAND NAV SHIP BUILDING 201	LUST
MARE ISLAND NAV SHIP 839	LUST
JACK KNIGHT AUTOMOTIVE	LUST
MARE ISLAND NAV SHIP M51	LUST
MARE ISLAND NAV SHIP 637 (1)(2)	LUST
MARE ISLAND NAV SHIP 243 (1)(2)	LUST
CAL TRANS	LUST
MARE ISLAND NAV SHIP 225	LUST
MARE ISLAND NAV SHIP 866	LUST
WILERS/BENICIA TOW INC (FORMER UNO	UST
CAL TRANS	UST
DOSHIER & GREGSON PROPERTY	UST
AUSTIN CREEK STORM WATER STATI	HIST UST
CALTRANS DIST 4/CONSTR/EA#04-OT141	HAZNET
CALTRANS DIST 4/CONSTR	HAZNET
HIDDENBROOKE GOLF COURSE	HAZNET
SANDERS TOWBOAT SERVICES PROP	HAZNET
DOT CALTRANS	HAZNET
DR DAY DENTAL OFFICE APC	HAZNET
EWAN KEVIN DAVIS AND DONNA DAVIS	RCRA-SQG
CARQUINEZ BRIDGE	RCRA-LQG
GUADALCANAL VILLAGE RESTORATIO	CA WDS
BC STOCKING DISTRIBUTING	EMI
SPRR DEPOT	ENVIROSTOR

OVERVIEW MAP - 1792670.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

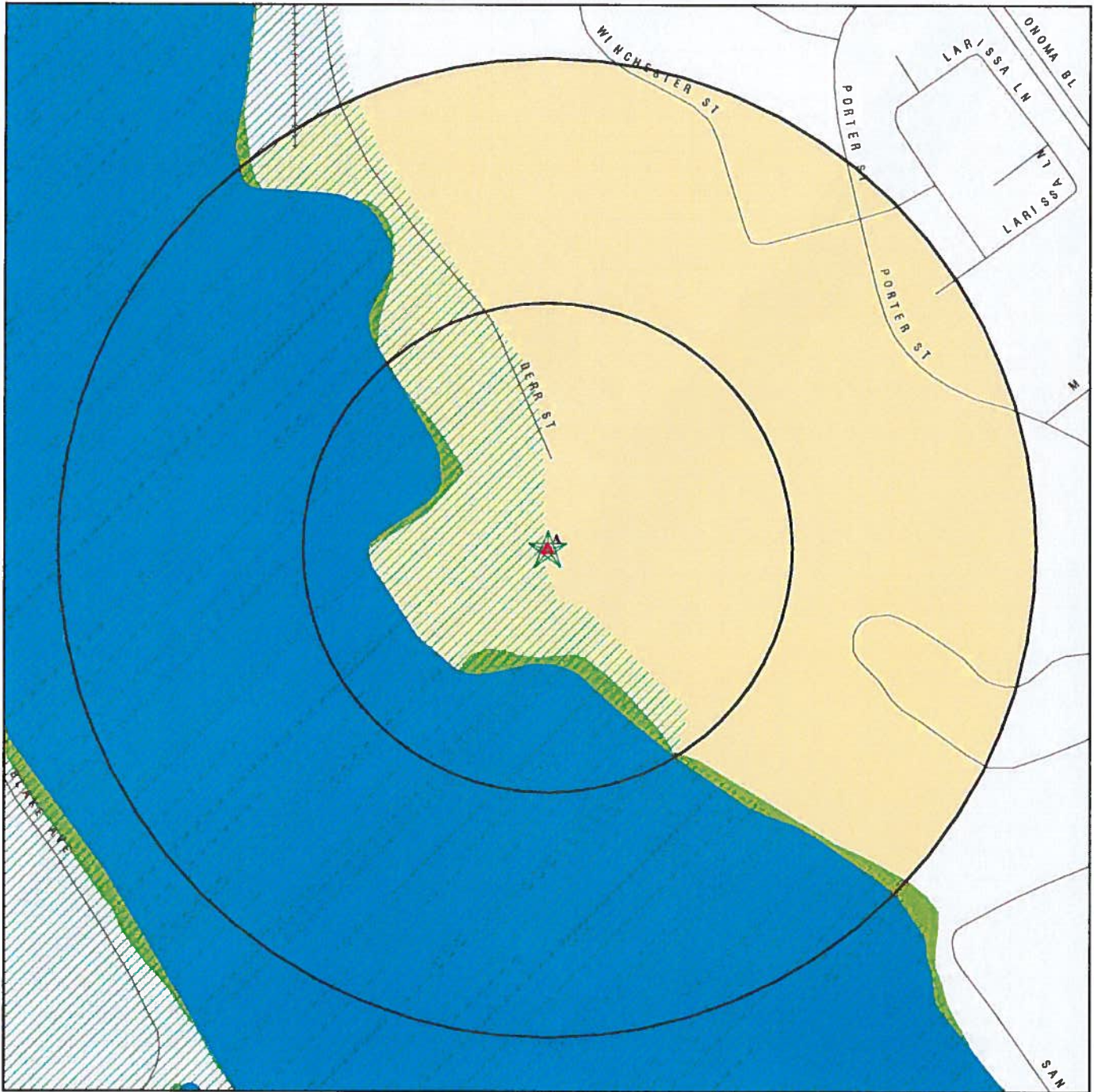
- Indian Reservations B/A
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory

■ Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo CA 94590 LAT/LONG: 38.0806 / 122.2448</p>	<p>CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY #: 1792670.2s DATE: November 09, 2006 9:39 am</p>
--	--

DETAIL MAP - 1792670.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ♣ Sensitive Receptors
- ☒ National Priority List Sites
- ☒ Landfill Sites
- ☒ Dept. Defense Sites
- ☒ Indian Reservations BIA
- ↗ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- ☒ Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo CA 94590 LAT/LONG: 38.0806 / 122.2448</p>	<p>CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY #: 1792670.2s DATE: November 09, 2006 9:39 am</p>
--	--

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
Delisted NPL		1.250	0	0	0	0	0	0
NPL RECOVERY		0.250	0	0	NR	NR	NR	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.750	0	0	0	0	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRA TSD		0.750	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.500	0	0	0	NR	NR	0
RCRA Sm. Quan. Gen.		0.500	0	0	0	NR	NR	0
ERNS		0.250	0	0	NR	NR	NR	0
HMIRS		0.250	0	0	NR	NR	NR	0
US ENG CONTROLS		0.750	0	0	0	0	NR	0
US INST CONTROL		0.750	0	0	0	0	NR	0
DOD		1.250	0	0	0	1	0	1
FUDS		1.250	0	0	0	0	0	0
US BROWNFIELDS		0.750	0	0	0	0	NR	0
CONSENT		1.250	0	0	0	0	0	0
ROD		1.250	0	0	0	0	0	0
UMTRA		0.750	0	0	0	0	NR	0
ODI		0.750	0	0	0	0	NR	0
TRIS	X	0.250	0	0	NR	NR	NR	0
TSCA		0.250	0	0	NR	NR	NR	0
FTTS		0.250	0	0	NR	NR	NR	0
SSTS		0.250	0	0	NR	NR	NR	0
ICIS		0.250	0	0	NR	NR	NR	0
PADS		0.250	0	0	NR	NR	NR	0
MLTS		0.250	0	0	NR	NR	NR	0
MINES		0.500	0	0	0	NR	NR	0
FINDS		0.250	0	0	NR	NR	NR	0
RAATS		0.250	0	0	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
Hist Cal-Sites		1.250	0	0	0	0	0	0
CA Bond Exp. Plan		1.250	0	0	0	0	0	0
SCH		0.500	0	0	0	NR	NR	0
Toxic Pits		1.250	0	0	0	0	0	0
State Landfill		0.750	0	0	0	0	NR	0
CA WDS		0.250	0	0	NR	NR	NR	0
WMUDS/SWAT		0.750	0	0	0	0	NR	0
Cortese	X	0.750	0	0	1	1	NR	2
SWRCY		0.750	0	0	0	0	NR	0
LUST	X	0.750	0	0	2	3	NR	5
CA FID UST	X	0.500	0	0	1	NR	NR	1
SLIC		0.750	0	0	0	0	NR	0
UST	X	0.500	0	0	2	NR	NR	2
HIST UST	X	0.500	0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.500	0	0	0	NR	NR	0
SWEEPS UST	X	0.500	0	0	1	NR	NR	1
CHMIRS		0.250	0	0	NR	NR	NR	0
Notify 65	X	1.250	0	0	0	0	0	0
DEED		0.750	0	0	0	0	NR	0
VCP		0.750	0	0	0	0	NR	0
DRYCLEANERS		0.500	0	0	0	NR	NR	0
WIP		0.500	0	0	0	NR	NR	0
CDL		0.250	0	0	NR	NR	NR	0
RESPONSE		1.250	0	0	0	0	0	0
HAZNET		0.250	0	0	NR	NR	NR	0
EMI	X	0.250	0	0	NR	NR	NR	0
ENVIROSTOR		1.250	0	0	0	0	0	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.250	0	0	0	0	0	0
INDIAN LUST		0.750	0	0	0	0	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.250	0	0	0	0	0	0
EDR Historical Auto Stations		0.500	0	0	0	NR	NR	0
EDR Historical Cleaners		0.500	0	0	0	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A1 **GENERAL MILLS OPERATIONS, INC.**
 Target **800 DERR AVE**
 Property **VALLEJO, CA 94590**

LUST **U003914410**
UST **N/A**

Site 1 of 5 In cluster A

Actual:
15 ft.

LUST:
 Region: **SOLANO**
 Facility ID: **10316**
 Facility Status: **Inactive**
 Facility Phone: **7076431646**
 Program: **29S**
 Inventory Number: **1**
 Inventory Type: **Other Water (118)**
 Inventory Description: **Not reported**
 Last service/permit exp: **REVIEW REPORTS / POST REM MONIT**
 Last service date: **06/20/06**

A2 **GENERAL MILLS, COMMERCIAL**
 Target **800 DERR**
 Property **VALLEJO, CA 94590**

LUST **S107863223**
UST **N/A**

Site 2 of 5 In cluster A

Actual:
15 ft.

LUST:
 Region: **STATE**
 Case Type: **Other ground water affected**
 Cross Street: **Not reported**
 Enf Type: **MRP**
 Funding: **LOPF**
 How Discovered: **SAS**
 How Stopped: **Close Tank**
 Leak Cause: **UNK**
 Leak Source: **Tank**
 Global Id: **T0609535283**
 Stop Date: **Not reported**
 Confirm Leak: **2005-12-20 00:00:00**
 Workplan: **Not reported**
 Prelim Assess: **Not reported**
 Pollution Char: **Not reported**
 Remed Plan: **Not reported**
 Remed Action: **Not reported**
 Monitoring: **Not reported**
 Close Date: **Not reported**
 Discover Date: **2005-12-14 00:00:00**
 Enforcement Dt: **Not reported**
 Release Date: **2005-12-14 00:00:00**
 Review Date: **Not reported**
 Enter Date: **Not reported**
 MTBE Date: **Not reported**
 GW Qualifier: **Not reported**
 Soil Qualifier: **Not reported**
 Max MTBE GW ppb: **Not reported**
 Max MTBE Soil ppb: **Not reported**
 County: **48**
 Org Name: **Not reported**
 Reg Board: **San Francisco Bay Region**
 Status: **Leak being confirmed**
 Chemical: **9**
 Contact Person: **Not reported**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GENERAL MILLS, COMMERCIAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S107863223

Responsible Party: LARRY DEENEY
 RP Address: ONE GENEAL MILLS BOULEVARD
 Interim: Not reported
 Oversight Prgm: LUST
 MTBE Class: *
 MTBE Conc: 0
 MTBE Fuel: 0
 MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
 Staff: MRC
 Staff Initials: MCK
 Lead Agency: Local Agency
 Local Agency: 48000L
 Hydr Basin #: Not reported
 Beneficial: EST, MAR, MIGR, SPWN, REC-1, WET, WILD
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Local Case #: 102042
 Case Number: Not reported
 Qty Leaked: Not reported
 Abate Method: Not reported
 Operator: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary: Not reported

A3
 Target
 Property

GENERAL MILLS COMMERCIAL
800 DERR ST
VALLEJO, CA 94590

LUST S107997686
N/A

Actual:
 15 ft.

Site 3 of 5 in cluster A

LUST:
 Region: SOLANO
 Facility ID: 102042
 Facility Status: Active
 Facility Phone: Not reported
 Program: 29S
 Inventory Number: 1
 Inventory Type: Other Water (118)
 Inventory Description: Not reported
 Last service/permit exp: REVIEW REPORTS / POST REM MONIT
 Last service date: 06/20/06

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A4 GENERAL MILLS, RESIDENTIAL
 Target 800 DERR
 Property VALLEJO, CA

LUST S107619811
 N/A

Actual:
 15 ft.

Site 4 of 5 in cluster A

LUST:

Region: STATE
 Case Type: Other ground water affected
 Cross Street: Not reported
 Enf Type: TC
 Funding: LOPS
 How Discovered: SAS
 How Stopped: Close Tank
 Leak Cause: UNK
 Leak Source: UNK
 Global Id: T0609557699
 Stop Date: Not reported
 Confirm Leak: Not reported
 Workplan: Not reported
 Prelim Assess: 2006-01-07 00:00:00
 Pollution Char: 2006-03-01 00:00:00
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Discover Date: 2005-02-14 00:00:00
 Enforcement Dt: Not reported
 Release Date: 2006-01-06 00:00:00
 Review Date: Not reported
 Enter Date: Not reported
 MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Max MTBE GW ppb: Not reported
 Max MTBE Soil ppb: Not reported
 County: 48
 Org Name: Not reported
 Reg Board: San Francisco Bay Region
 Status: Pollution Characterization
 Chemical: 127,12034,80
 Contact Person: Not reported
 Responsible Party: LARRY DEENEY
 RP Address: ONE GENEAL MILLS BOULEVARD
 Interim: Not reported
 Oversight Prgm: LUST
 MTBE Class: *
 MTBE Conc: 0
 MTBE Fuel: 0
 MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
 Staff: MRC
 Staff Initials: MCK
 Lead Agency: Local Agency
 Local Agency: 48000L
 Hydr Basin #: Not reported
 Beneficial: AQUA, COMM, MAR, MIGR, SPWN, REC-1, WQE
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GENERAL MILLS, RESIDENTIAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S107619811

Local Case #: 10316
 Case Number: Not reported
 Qty Leaked: Not reported
 Abate Method: Not reported
 Operator: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary: Not reported

A5
 Target
 Property

GENERAL MILLS OPERATIONS INC
 800 DERR AVE
 VALLEJO, CA 94590

Notify 65 1000214103
 LUST 94590GNRLM80
 Cortese
 TRIS
 CA FID UST
 HIST UST
 EMI
 SWEEPS UST

Actual:
 15 ft.

Site 5 of 5 in cluster A

Notify 65:

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

LUST:

Region: STATE
 Case Type: Other ground water affected
 Cross Street: Not reported
 Enf Type: Not reported
 Funding: Federal
 How Discovered: Tank Closure
 How Stopped: Not reported
 Leak Cause: Structure Failure
 Leak Source: Tank
 Global Id: T0609500077
 Stop Date: 1987-06-24 00:00:00
 Confirm Leak: Not reported
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1996-04-24 00:00:00
 Discover Date: 1987-06-24 00:00:00
 Enforcement Dt: Not reported
 Release Date: 1987-06-24 00:00:00
 Review Date: 1990-04-06 00:00:00
 Enter Date: 1987-06-24 00:00:00
 MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Max MTBE GW ppb: Not reported
 Max MTBE Soil ppb: Not reported
 County: 48
 Org Name: Not reported
 Reg Board: San Francisco Bay Region
 Status: Case Closed
 Chemical: Diesel
 Contact Person: Not reported
 Responsible Party: BLANK RP
 RP Address: Not reported
 Interim: No
 Oversight Prgm: LUST
 MTBE Class: *
 MTBE Conc: 0
 MTBE Fuel: 0
 MTBE Tested: Not Required to be Tested.
 Staff: MRC
 Staff Initials: MCK
 Lead Agency: Local Agency
 Local Agency: 48000L
 Hydr Basin #: UNNAMED BASIN
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: No
 Local Case #: 10316
 Case Number: 48-0083
 Qty Leaked: Not reported
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Operator: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary: ARCHIVED 11/1/96 CONTROL NO 120-125 SRC 0904775SOIL SAMPLES COLLECTED IN THE EXCAVATION OF A 250-GALLON UST ADJACENT TO A HOUSE THAT DATES BACK TO 1900S.

Region: STATE
 Case Type: Soil only
 Cross Street: Not reported
 Enf Type: CLOS
 Funding: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Leak Cause: UNK
 Leak Source: UNK
 Global Id: T0609577606
 Stop Date: 2003-04-29 00:00:00
 Confirm Leak: 2003-06-17 00:00:00
 Workplan: 2003-07-29 00:00:00
 Prelim Assess: 2003-11-25 00:00:00
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: 2004-06-02 00:00:00
 Close Date: 2004-08-23 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Discover Date: 2003-04-29 00:00:00
Enforcement Dt: Not reported
Release Date: 2003-05-19 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 48
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: BRUCE ANDROTTI
RP Address: 800 DERR AVENUE
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: MRC
Staff Initials: MCK
Lead Agency: Local Agency
Local Agency: 48000L
Hydr Basin #: Not reported
Beneficial: AGR, AQUA, MAR
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 10316
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 11/1/96 CONTROL NO 120-125 SRC 0904775SOIL SAMPLES COLLECTED IN THE EXCAVATION OF A 250-GALLON UST ADJACENT TO A HOUSE THAT DATES BACK TO 1900S.

LUST:

Region: 2
Facility Status: Case Closed
Facility Id: 48-0083
Case Number: 10316
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 10316
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 6/17/2003
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 7/29/2003
Preliminary Site Assessment Began: 11/25/2003
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 6/2/2004

Cortese:
Region: CORTESE
Facility Addr2: 800 DERR

CA FID UST:
Facility ID: 48000101
Regulated By: UTNKI
Regulated ID: 00002412
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City, St, Zip: VALLEJO 94590
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

HIST UST:
Region: STATE
Facility ID: 00000002412
Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000100
Facility Type: Other
Other Type: FLOUR MILL
Total Tanks: 0005
Tank Used for: WASTE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Visual
Contact Name: A.B. MOSS
Telephone: 7076434588
Owner Name: GENERAL MILLS INC
Owner Address: 800 DERR AVE
Owner City,St,Zip: VALLEJO, CA 94590

Region: STATE
Facility ID: 00000002412
Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00001000
Facility Type: Other
Other Type: FLOUR MILL
Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: A.B. MOSS
Telephone: 7076434588
Owner Name: GENERAL MILLS INC
Owner Address: 800 DERR AVE
Owner City,St,Zip: VALLEJO, CA 94590

Region: STATE
Facility ID: 00000002412
Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00001000
Facility Type: Other
Other Type: FLOUR MILL
Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: A.B. MOSS
Telephone: 7076434588
Owner Name: GENERAL MILLS INC
Owner Address: 800 DERR AVE
Owner City,St,Zip: VALLEJO, CA 94590

Region: STATE
Facility ID: 00000002412
Tank Num: 004
Container Num: 4
Year Installed: 1980
Tank Capacity: 00005000
Facility Type: Other
Other Type: FLOUR MILL
Total Tanks: 0005
Tank Used for: PRODUCT

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor
Contact Name: A.B. MOSS
Telephone: 7076434588
Owner Name: GENERAL MILLS INC
Owner Address: 800 DERR AVE
Owner City,St,Zip: VALLEJO, CA 94590

Region: STATE
Facility ID: 00000002412
Tank Num: 005
Container Num: 5
Year Installed: 1980
Tank Capacity: 00005000
Facility Type: Other
Other Type: FLOUR MILL
Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor
Contact Name: A.B. MOSS
Telephone: 7076434588
Owner Name: GENERAL MILLS INC
Owner Address: 800 DERR AVE
Owner City,St,Zip: VALLEJO, CA 94590

EMI:

Year: 1993
Carbon Monoxide Emissions Tons/Yr: 48
Air Basin: SF
Facility ID: 4025
Air District Name: BA
SIC Code: 2041
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 48
Air Basin: SF
Facility ID: 4025
Air District Name: BA
SIC Code: 2041
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 1
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1996
 Carbon Monoxide Emissions Tons/Yr: 48
 Air Basin: SF
 Facility ID: 4025
 Air District Name: BA
 SIC Code: 2041
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 12
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 3

Year: 1997
 Carbon Monoxide Emissions Tons/Yr: 48
 Air Basin: SF
 Facility ID: 4025
 Air District Name: BA
 SIC Code: 2041
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 12
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 3

Year: 1998
 Carbon Monoxide Emissions Tons/Yr: 48
 Air Basin: SF
 Facility ID: 4025
 Air District Name: BA
 SIC Code: 2041
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 15
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 4

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Year: 1999
 Carbon Monoxide Emissions Tons/Yr: 48
 Air Basin: SF
 Facility ID: 4025
 Air District Name: BA
 SIC Code: 2041
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 14
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 4

Year: 2000
 Carbon Monoxide Emissions Tons/Yr: 48
 Air Basin: SF
 Facility ID: 4025
 Air District Name: BA
 SIC Code: 2041
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 14
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 4

Year: 2001
 Carbon Monoxide Emissions Tons/Yr: 48
 Air Basin: SF
 Facility ID: 4025
 Air District Name: BA
 SIC Code: 4931
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 12
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 3

Year: 2002
 Carbon Monoxide Emissions Tons/Yr: 48
 Air Basin: SF
 Facility ID: 4025
 Air District Name: BA
 SIC Code: 2041

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 11
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 3

Year: 2003

Carbon Monoxide Emissions Tons/Yr: 48
 Air Basin: SF
 Facility ID: 4025
 Air District Name: BA
 SIC Code: 2041

Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 9
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 3

Year: 2004

Carbon Monoxide Emissions Tons/Yr: 48
 Air Basin: SF
 Facility ID: 4025
 Air District Name: BA
 SIC Code: 2041
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 9.426
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 2.73354

SWEEPS UST:

Status: Not reported
 Comp Number: 2412
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 48-087-002412-000001
 Actv Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Capacity:	250
Tank Use:	OIL
Stg:	WASTE
Content:	WASTE OIL
Number Of Tanks:	5
Status:	Not reported
Comp Number:	2412
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	48-087-002412-000002
Actv Date:	Not reported
Capacity:	1000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	2412
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	48-087-002412-000003
Actv Date:	Not reported
Capacity:	1000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	2412
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	48-087-002412-000004
Actv Date:	Not reported
Capacity:	5000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

GENERAL MILLS OPERATIONS INC (Continued)

1000214103

Status: Not reported
 Comp Number: 2412
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 48-087-002412-000005
 Actv Date: Not reported
 Capacity: 5000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: Not reported

DOD
 Region
 WSW
 1/2-1
 2678 ft.

MARE ISLAND NAVAL STATION (CLOSED)
MARE ISLAND NAVAL STATION (County), CA

DOD CUSA035587
 N/A

DOD:
 Feature 1: Navy DOD
 Feature 2: Not reported
 Feature 3: Not reported
 URL: Not reported
 Name 1: Mare Island Naval Station (Closed)
 Name 2: Not reported
 Name 3: Not reported
 State: CA
 DOD Site: Yes
 Tile name: CASOLANO

B6
 ENE
 1/4-1/2
 1926 ft.

EZ STOP
605 MAGAZINE ST
VALLEJO, CA 94591

HAZNET S105036591
 LUST N/A
 Cortese

Relative:
 Higher

Site 1 of 4 In cluster B

Actual:
 89 ft.

HAZNET:
 Gepaid: CAL000257821
 Contact: HARJIT AUJLA
 Telephone: 7075540160
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 605 MAGAZINE ST
 Mailing City,St,Zip: VALLEJO, CA 94590
 Gen County: Solano
 TSD EPA ID: Not reported
 TSD County: Yolo
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Tons: 0.22
 Facility County: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EZ STOP (Continued)

S105036591

LUST:

Region: STATE
Case Type: Other ground water affected
Cross Street: SONOMA BLVD
Enf Type: TC
Funding: Federal
How Discovered: Tank Test
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0609500261
Stop Date: 1992-02-07 00:00:00
Confirm Leak: 1996-09-09 00:00:00
Workplan: 1998-07-20 00:00:00
Prelim Assess: 2003-08-20 00:00:00
Pollution Char: 2003-08-21 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 2006-01-07 00:00:00
Close Date: Not reported
Discover Date: 1992-02-07 00:00:00
Enforcement Dt: Not reported
Release Date: 1992-02-10 00:00:00
Review Date: 2001-07-20 00:00:00
Enter Date: 1993-06-25 00:00:00
MTBE Date: 1965-01-02 00:00:00
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: 82
Max MTBE Soil ppb: Not reported
County: 48
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Post remedial action monitoring
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: MRC
Staff Initials: MCK
Lead Agency: Local Agency
Local Agency: 48000L
Hydr Basin #: UNNAMED BASIN
Beneficial: PROC, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 10842
Case Number: 48-0284
Qty Leaked: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EZ STOP (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105036591

Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: DISCHARGE WILL BE STOPPED UPON LEAK CONFIRMATION; 1994 URF; MAXSOIL TPH-G

LUST:

Region: 2
Facility Status: Pollution Characterization
Facility Id: 48-0284
Case Number: 10842
How Discovered: Tank Test
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 9/9/1996
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 7/20/1998
Preliminary Site Assessment Began: 8/20/2003
Pollution Characterization Began: 8/21/2003
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 605 MAGAZINE ST

B7
ENE
1/4-1/2
1926 ft.

DISCOUNT GAS GROCERY & LIQUOR
605 MAGAZINE ST
VALLEJO, CA 94590

LUST U003641244
UST N/A

Relative:
Higher

Site 2 of 4 in cluster B

Actual:
89 ft.

LUST:

Region: SOLANO
Facility ID: 10842
Facility Status: Active
Facility Phone: 7075540160
Program: 29S
Inventory Number: 1
Inventory Type: Other Water (118)
Inventory Description: Not reported
Last service/permit exp: REVIEW REPORTS / POST REM MONIT
Last service date: 11/01/05

UST:

Region: STATE
Local Agency: 48000L
Facility ID: 10842

UST:

Region: SOLANO
Facility Id: 10842
Facility Status: Inactive

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DISCOUNT GAS GROCERY & LIQUOR (Continued)

U003641244

Facility Phone: 7075540160
 Program: 23U
 Inventory Number: 1
 Inventory Type: Underground Storage Tank (1)
 Inventory Description: Not reported
 Permit Expire/ Last service: CONSULTATION - PHONE/COUNTER
 Last Service Date: 06/02/06

Region: SOLANO
 Facility Id: 10842
 Facility Status: Inactive
 Facility Phone: 7075540160
 Program: 23U
 Inventory Number: 2
 Inventory Type: Underground Storage Tank (1)
 Inventory Description: Not reported
 Permit Expire/ Last service: Not reported
 Last Service Date: Not reported

Region: SOLANO
 Facility Id: 10842
 Facility Status: Active
 Facility Phone: 7075540160
 Program: 23U
 Inventory Number: 3
 Inventory Type: Gas Station - Retail (111)
 Inventory Description: Not reported
 Permit Expire/ Last service: ROUTINE - INITIAL (INVENTORIED) 10/31/06, 10/31/06
 Last Service Date: 06/07/06

Region: SOLANO
 Facility Id: 10842
 Facility Status: Active
 Facility Phone: 7075540160
 Program: 23U
 Inventory Number: 4
 Inventory Type: Gas Station - Retail (111)
 Inventory Description: Not reported
 Permit Expire/ Last service: ROUTINE - INITIAL (INVENTORIED) 10/31/06, 10/31/06
 Last Service Date: 06/07/06

B8
ENE
 1/4-1/2
 1926 ft.

E-Z STOP MARKET
 605 MAGAZINE ST
 VALLEJO, CA 94590

HIST UST U001598800
 N/A

Site 3 of 4 in cluster B

Relative:
Higher

Actual:
 89 ft.

HIST UST:
 Region: STATE
 Facility ID: 00000069196
 Tank Num: 001
 Container Num: 11-U
 Year Installed: 1967
 Tank Capacity: 00012000
 Facility Type: Gas Station
 Other Type: Not reported
 Total Tanks: 0002
 Tank Used for: WASTE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

E-Z STOP MARKET (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Type of Fuel: 1
 Tank Construction: Unkown inches
 Leak Detection: None
 Contact Name: AHMAN SHAMA
 Telephone: 7077456691
 Owner Name: CUSTOMER COMPANY
 Owner Address: 4457 PARK ROAD
 Owner City,St,Zip: BENICIA, CA 94510

U001598800

Region: STATE
 Facility ID: 00000069196
 Tank Num: 002
 Container Num: 11-R
 Year Installed: 1967
 Tank Capacity: 00012000
 Facility Type: Gas Station
 Other Type: Not reported
 Total Tanks: 0002
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None
 Contact Name: AHMAN SHAMA
 Telephone: 7077456691
 Owner Name: CUSTOMER COMPANY
 Owner Address: 4457 PARK ROAD
 Owner City,St,Zip: BENICIA, CA 94510

B9
 ENE
 1/4-1/2
 1926 ft.

E-Z STOP MARKET
605 MAGAZINE ST
VALLEJO, CA 94590

CA FID UST S101624201
 SWEEPS UST N/A

Relative:
 Higher

Site 4 of 4 In cluster B

Actual:
 89 ft.

CA FID UST:
 Facility ID: 48002412
 Regulated By: UTNKA
 Regulated ID: Not reported
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported
 Mailing Address: 4457 PARK RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: VALLEJO 94590
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:
 Status: A
 Comp Number: 12124
 Number: 9

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

E-Z STOP MARKET (Continued)

S101624201

Board Of Equalization: 44-024950
 Ref Date: 03-14-89
 Act Date: 03-14-89
 Created Date: 03-14-89
 Tank Status: A
 Owner Tank Id: 12124
 Swrcb Tank Id: 48-087-012124-000001
 Actv Date: 03-14-89
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 12124
 Number: 9
 Board Of Equalization: 44-024950
 Ref Date: 03-14-89
 Act Date: 03-14-89
 Created Date: 03-14-89
 Tank Status: A
 Owner Tank Id: 12124
 Swrcb Tank Id: 48-087-012124-000002
 Actv Date: 03-14-89
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

10
 NNW
 1/4-1/2
 2079 ft.

ORIGINAL DISPLAY FIXTURE
 206 LEMON ST
 VALLEJO, CA 94590

UST U003981341
 N/A

Relative:
 Higher

UST:

Region: SOLANO
 Facility Id: 10503
 Facility Status: Inactive
 Facility Phone: 7075574006
 Program: 23U
 Inventory Number: 1
 Inventory Type: Permanent Closure (192)
 Inventory Description: Not reported
 Permit Expire/ Last service: LETTER/REPORT WRITING * Missing *
 Last Service Date: 01/05/05

Actual:
 19 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C11
NNW
1/2-1
3404 ft.

SEVEN-UP BOTTLING CO.
425 CHESTNUT ST
VALLEJO, CA 94590

Site 1 of 2 In cluster C

LUST **S105678059**
N/A

Relative:
 Higher

LUST:
 Region: SOLANO
 Facility ID: 10577
 Facility Status: Inactive
 Facility Phone: 7076447477
 Program: 29S
 Inventory Number: 1
 Inventory Type: LOP - Closed Site (128)
 Inventory Description: Not reported
 Last service/permit exp: Not reported
 Last service date: Not reported

Actual:
 23 ft.

C12
NNW
1/2-1
3404 ft.

7 UP BOTTLING COMPANY
425 CHESTNUT AVE
VALLEJO, CA 94590

Site 2 of 2 In cluster C

LUST **S104162377**
Cortese **N/A**

Relative:
 Higher

LUST:
 Region: STATE
 Case Type: Soil only
 Cross Street: SONOMA BLVD
 Enf Type: Not reported
 Funding: Federal
 How Discovered: Tank Closure
 How Stopped: Not reported
 Leak Cause: UNK
 Leak Source: UNK
 Global Id: T0609500233
 Stop Date: 1989-07-07 00:00:00
 Confirm Leak: 1989-07-07 00:00:00
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1995-03-22 00:00:00
 Discover Date: 1989-07-07 00:00:00
 Enforcement Dt: Not reported
 Release Date: 1994-05-19 00:00:00
 Review Date: 1994-07-07 00:00:00
 Enter Date: 1994-07-07 00:00:00
 MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Max MTBE GW ppb: Not reported
 Max MTBE Soil ppb: Not reported
 County: 48
 Org Name: Not reported
 Reg Board: San Francisco Bay Region
 Status: Case Closed
 Chemical: Diesel
 Contact Person: Not reported

Actual:
 23 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

7 UP BOTTLING COMPANY (Continued)

S104162377

Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MRC
Staff Initials: MCK
Lead Agency: Local Agency
Local Agency: 48000L
Hydr Basin #: UNNAMED BASIN
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 10577
Case Number: 48-0252
Qty Leaked: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 3/20/96 CONTROL NO 120-013 SRC 0904663

LUST:

Region: 2
Facility Status: Case Closed
Facility Id: 48-0252
Case Number: 10577
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 7/7/1989
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 425 CHESTNUT

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

<p>13 ESE 1/2-1 3466 ft.</p>	<p>ARCO 101 LINCOLN RD WEST VALLEJO, CA</p>	<p>LUST</p>	<p>S107863120 N/A</p>
---	--	-------------	------------------------------------

Relative:
 Higher

LUST:

Actual:
 71 ft.

Region: STATE
 Case Type: Drinking Water Aquifer affected
 Cross Street: Not reported
 Enf Type: SI
 Funding: LOPF
 How Discovered: OM
 How Stopped: RPP
 Leak Cause: Other Cause
 Leak Source: D
 Global Id: T0609594387
 Stop Date: 2003-12-02 00:00:00
 Confirm Leak: 2006-05-09 00:00:00
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Discover Date: 2003-10-13 00:00:00
 Enforcement Dt: Not reported
 Release Date: 2006-05-09 00:00:00
 Review Date: Not reported
 Enter Date: Not reported
 MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Max MTBE GW ppb: Not reported
 Max MTBE Soil ppb: Not reported
 County: 48
 Org Name: Not reported
 Reg Board: San Francisco Bay Region
 Status: Leak being confirmed
 Chemical: Gasoline
 Contact Person: Not reported
 Responsible Party: IRAJ SAFAPOUR
 RP Address: 370 ELISEO DRIVE
 Interim: Not reported
 Oversight Prgm: LUST
 MTBE Class: *
 MTBE Conc: 0
 MTBE Fuel: 1
 MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
 Staff: MRC
 Staff Initials: MCK
 Lead Agency: Local Agency
 Local Agency: 48000L
 Hydr Basin #: Not reported
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Local Case #: 10473

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARCO (Continued)

Database(s)
EDR ID Number
EPA ID Number

S107863120

Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
AMERICAN CANYON	S105481862	DOSHIER PROPERTY	5365 HWY 29	94590	LUST
VALLEJO	S107139286	CALTRANS DIST 4/CONSTR/EA#04-OT141	HWY 37 PM 12.9-15.0	94590	HAZNET
VALLEJO	S107140448	CALTRANS DIST 4/CONSTR	HWY 37 PM 15.0- 19.9	94590	HAZNET
VALLEJO	S104588978	GUADALCANAL VILLAGE RESTORATIO	ROUTE 37		CA WDS
VALLEJO	S101595038	CITISATCOM SKY VALLEY/SAN FRANCISC	4700 HIGHWAY 80	94590	CA FID UST, SWEEPS UST
VALLEJO	S106094175	HIDDENBROOKE GOLF COURSE	4750 HWY 80	94590	HAZNET
VALLEJO	1007200404	CARQUINEZ BRIDGE	HWY 80, PM 12.7 TO 13.8	94590	RCRA-LQG
VALLEJO	S101824192	AUSTIN CREEK STORM WATER STATI	AUSTIN CRK AT HWY 37	94590	CA FID UST, SWEEPS UST
VALLEJO	U001598779	AUSTIN CREEK STORM WATER STATI	AUSTIN CREEK AT HIGHWAY 37	94590	HIST UST
VALLEJO	S105181155	NAVY MARE ISLAND BUILDING 71	BLAKE AVENUE	94592	LUST
VALLEJO	S107472959	MARE ISLAND NAVAL SHIPYARD - A-25	BLDG #25 BLAKE AVE.		LUST
VALLEJO	S106716478	MARE ISLAND NAV SHIP 231 (1)(2)	5 CEDAR AVE. BETWEEN 3RD ST. A	94592	LUST
VALLEJO	1009216570	EWAN KEVIN DAVIS AND DONNA DAVIS	1501 LEMON ST	94590	RCRA-SQG
VALLEJO	S107737398	SPRR DEPOT	LEMON STREET AT DERR STREET	94590	ENVIROSTOR
VALLEJO	U003981342	WILERS/BENICIA TOW INC (FORMER UNO	1341 LEMON ST # A	94590	UST
VALLEJO	S103619427	SANDERS TOWBOAT SERVICES PROP	1 LEMON ST CHESTNUT ST ENTRANC		HAZNET
VALLEJO	U001598833	ARCO	101 LINCOLN RD W		Cortese, HIST UST
VALLEJO	S103679375	DOT CALTRANS	NEAR WHITE SLOUGH OFF HWY 37		HAZNET
VALLEJO	S106716370	MARE ISLAND NAV SHIP A202	PRESTON AVE WEST OF MESA RD	94592	LUST
VALLEJO	S105690537	MARE ISLAND NAV SHIP H86	17 RAILROAD AVE. SOUTH OF 17TH	94592	LUST
VALLEJO	S105693221	MARE ISLAND NAV SHIP 686 (1)	13 RAILROAD AVE. BETWEEN 13TH	94592	LUST
VALLEJO	S105693651	MARE ISLAND NAV SHIP 750	14 RAILROAD AVE. NORTH OF 14TH	94592	LUST
VALLEJO	S106716173	MARE ISLAND NAV SHIP A-71	RAILROAD AVE / SOUTH OF PALM	94592	LUST
VALLEJO	S106716174	MARE ISLAND NAV SHIP A-71W	RAILROAD AVE / SOUTH OF PALM	94592	LUST
VALLEJO	S106716434	MARE ISLAND NAV SHIP A-191	RAILROAD AVE / SOUTH OF PALM	94592	LUST
VALLEJO	S106716437	MARE ISLAND NAV SHIP A-71 N	RAILROAD AVE / SOUTH OF PALM	94592	LUST
VALLEJO	S106716917	MARE ISLAND NAV SHIP A-71 S	RAILROAD AVE / SOUTH OF PALM	94592	LUST
VALLEJO	S106716936	MARE ISLAND NAV SHIP A-267	RAILROAD AVE / SOUTH OF PALM	94592	LUST
VALLEJO	S106717154	MARE ISLAND NAV SHIP A246 E	RAILROAD AVE / SOUTH OF PALM	94592	LUST
VALLEJO	S106717311	MARE ISLAND NAV SHIP BUILDING 201	RAILROAD AVE. / 5TH ST.	94592	LUST
VALLEJO	S106916124	MARE ISLAND NAV SHIP 839	A RAILROAD AVE / A ST.	94592	LUST
VALLEJO	S107146397	DR DAY DENTAL OFFICE APC	2900 SONOMA BLVD STE A	94590	HAZNET
VALLEJO	S106163132	JACK KNIGHT AUTOMOTIVE	1081A SONOMA BLVD	94590	LUST
VALLEJO	S105693351	MARE ISLAND NAV SHIP M51	13 13TH ST. / MESA RD.	94592	LUST
VALLEJO	S106716328	MARE ISLAND NAV SHIP 637 (1)(2)	3 3RD ST. WEST OF WALNUT AVE.	94592	LUST
VALLEJO	S106717216	MARE ISLAND NAV SHIP 243 (1)(2)	3 3RD ST. WEST OF WALNUT AVE.	94592	LUST
VALLEJO	S105960114	CAL TRANS	STATE HIGHWAY 80	94590	LUST
VALLEJO	U003981343	CAL TRANS	STATE HIGHWAY 80	94590	UST
VALLEJO	S106717718	MARE ISLAND NAV SHIP 225	5 5TH STREET EAST OF CALIFORNI	94592	LUST
VALLEJO	S106826759	BC STOCKING DISTRIBUTING	TWR RD AT HWY 29	94590	EMI
VALLEJO	S106916152	MARE ISLAND NAV SHIP 866	UNKNOWN MESA RD. / SUISUN AVE	94592	LUST
VALLEJO (A C)	U003114849	DOSHIER & GREGSON PROPERTY	5365 NAPA-VALLEJO HWY	94590	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/21/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/19/2006	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 703-603-8960
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/21/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 07/17/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: 703-603-8960
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/28/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 10/24/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/03/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/19/2006	Telephone: 202-366-4555
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 08/11/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/10/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities—especially those without EPA Brownfields Assessment Demonstration Pilots—minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/10/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/13/2006	Telephone: 202-566-2777
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/11/2006
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 10/23/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/10/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 703-416-0223
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/20/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 202-564-6064
Date Made Active in Reports: 08/22/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/14/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 07/14/2006	Source: EPA
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 11/07/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 08/09/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/10/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/20/2006	Telephone: 301-415-7169
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/16/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/28/2006	Telephone: 303-231-5959
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/27/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR Includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/21/2006	Source: EPA
Date Data Arrived at EDR: 07/25/2006	Telephone: N/A
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 09/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003	Source: EPA/NTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 10/20/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 08/28/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 11/27/2006
	Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/29/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/30/2006	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 08/30/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/27/2006
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 10/30/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/13/2006	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 09/13/2006	Telephone: 916-341-6320
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 09/13/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 09/20/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/21/2006	Telephone: 916-341-5227
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 09/21/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 09/05/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 10/10/2006
Date Data Arrived at EDR: 10/12/2006
Date Made Active in Reports: 10/25/2006
Number of Days to Update: 13

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/11/2006
Date Data Arrived at EDR: 10/12/2006
Date Made Active in Reports: 10/25/2006
Number of Days to Update: 13

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Quarterly

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 07/01/2006
Date Data Arrived at EDR: 07/26/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 29

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 10/25/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
Last EDR Contact: 11/07/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 10/17/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 09/25/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 10/09/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 08/15/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 10/11/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 10/12/2006	Telephone: 916-341-5752
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 10/12/2006
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/21/2006
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 10/09/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 08/15/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/13/2006
	Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 10/23/2006
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/2005	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 10/02/2006
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 05/24/2005	Source: Regional Water Quality Control Board, Victorville Branch
Date Data Arrived at EDR: 05/25/2005	Telephone: 619-241-6583
Date Made Active in Reports: 06/16/2005	Last EDR Contact: 10/02/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 10/05/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 08/30/2006
Date Data Arrived at EDR: 08/31/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 35

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/28/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 14

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Semi-Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/17/2006
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 10/30/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2004	Source: Office of Emergency Services
Date Data Arrived at EDR: 11/30/2005	Telephone: 916-845-8400
Date Made Active in Reports: 01/19/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 10/16/2006
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 10/04/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/05/2006	Telephone: 916-323-3400
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 10/05/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 08/29/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/30/2006	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 08/30/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/27/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial laundriers; laundry and garment services.

Date of Government Version: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/25/2006
Date Data Arrived at EDR: 07/26/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 29

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 05/17/2006
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-255-8504
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/29/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/30/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 11/07/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 27

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 10/20/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/29/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/30/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/11/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/11/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/30/2006
Date Data Arrived at EDR: 09/06/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 9
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3368
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6137
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/28/2006
Date Data Arrived at EDR: 08/29/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Semi-Annually

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 08/08/2006
Date Data Arrived at EDR: 08/10/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 14

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 08/08/2006
Date Data Arrived at EDR: 08/10/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 39

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/05/2006
Date Data Arrived at EDR: 09/05/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 30

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/28/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 11/06/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Semi-Annually

KERN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing

Date of Government Version: 09/05/2006
Date Data Arrived at EDR: 09/05/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 13

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 05/16/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 05/31/2006
Date Data Arrived at EDR: 07/25/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 30

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 08/14/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Date of Government Version: 08/15/2006
Date Data Arrived at EDR: 08/25/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 41

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 08/16/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

City of Los Angeles Landfills

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 25

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 08/14/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Date of Government Version: 09/11/2006
Date Data Arrived at EDR: 09/22/2006
Date Made Active in Reports: 11/06/2006
Number of Days to Update: 45

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Long Beach Underground Storage Tank

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 08/23/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 08/15/2006
Date Data Arrived at EDR: 08/17/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 32

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 08/14/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 08/08/2006
Date Data Arrived at EDR: 08/29/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 20

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 10/30/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

Date of Government Version: 10/09/2006
Date Data Arrived at EDR: 10/09/2006
Date Made Active in Reports: 10/25/2006
Number of Days to Update: 16

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/25/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 10/09/2006
Date Data Arrived at EDR: 10/09/2006
Date Made Active in Reports: 11/06/2006
Number of Days to Update: 28

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/25/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 09/01/2006
Date Data Arrived at EDR: 09/18/2006
Date Made Active in Reports: 10/25/2006
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/06/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2006	Source: Health Care Agency
Date Data Arrived at EDR: 09/20/2006	Telephone: 714-834-3446
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 09/06/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2006	Source: Health Care Agency
Date Data Arrived at EDR: 09/20/2006	Telephone: 714-834-3446
Date Made Active in Reports: 10/20/2006	Last EDR Contact: 09/06/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/30/2006	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 08/31/2006	Telephone: 530-889-7312
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 08/14/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2006
	Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/08/2006	Source: Department of Public Health
Date Data Arrived at EDR: 08/08/2006	Telephone: 951-358-5055
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 10/16/2006
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Date of Government Version: 08/08/2006	Source: Health Services Agency
Date Data Arrived at EDR: 08/08/2006	Telephone: 951-358-5055
Date Made Active in Reports: 09/18/2006	Last EDR Contact: 10/16/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

Date of Government Version: 08/02/2006	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 08/18/2006	Telephone: 916-875-8406
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 11/03/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2006
Date Data Arrived at EDR: 08/25/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 41

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 11/03/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/26/2006
Date Data Arrived at EDR: 10/17/2006
Date Made Active in Reports: 10/25/2006
Number of Days to Update: 8

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 10/20/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 12/29/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Date of Government Version: 09/18/2006
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 10/25/2006
Number of Days to Update: 35

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Information

Date of Government Version: 09/18/2006	Source: Department of Public Health
Date Data Arrived at EDR: 09/20/2006	Telephone: 415-252-3920
Date Made Active in Reports: 10/20/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 07/25/2006	Source: Environmental Health Department
Date Data Arrived at EDR: 08/10/2006	Telephone: N/A
Date Made Active in Reports: 09/18/2006	Last EDR Contact: 10/30/2006
Number of Days to Update: 39	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 08/25/2006	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 08/25/2006	Telephone: 650-363-1921
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 10/09/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Annually

Fuel Leak List

Date of Government Version: 10/10/2006	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 10/11/2006	Telephone: 650-363-1921
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 10/09/2006
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 09/25/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: No Update Planned

LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 09/29/2006	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/02/2006	Telephone: 408-918-3417
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 09/25/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 27

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 07/05/2006
Date Data Arrived at EDR: 07/25/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 30

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 07/26/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 29

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 07/24/2006
Date Data Arrived at EDR: 07/25/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 30

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 10/27/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 08/28/2006
Date Data Arrived at EDR: 09/26/2006
Date Made Active in Reports: 10/25/2006
Number of Days to Update: 29

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/13/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2006	Source: Environmental Health Division
Date Data Arrived at EDR: 09/05/2006	Telephone: 805-654-2813
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 08/25/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/28/2006	Source: Environmental Health Division
Date Data Arrived at EDR: 09/22/2006	Telephone: 805-654-2813
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 09/13/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/28/2006	Source: Environmental Health Division
Date Data Arrived at EDR: 07/27/2006	Telephone: 805-654-2813
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 10/12/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 07/19/2006	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/01/2006	Telephone: 530-666-8646
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 10/30/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 860-424-3375
Date Made Active in Reports: 04/07/2006	Last EDR Contact: 09/11/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 07/06/2006
Date Made Active in Reports: 08/01/2006
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/05/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/16/2006
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/30/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers for Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GENERAL MILLS
800 DERR STREET
VALLEJO, CA 94590

TARGET PROPERTY COORDINATES

Latitude (North): 38.08060 - 38° 4' 50.2"
Longitude (West): 122.2448 - 122° 14' 41.3"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 566234.0
UTM Y (Meters): 4214821.0
Elevation: 15 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 38122-A2 BENICIA, CA
Most Recent Revision: 1980

West Map: 38122-A3 MARE ISLAND, CA
Most Recent Revision: 1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

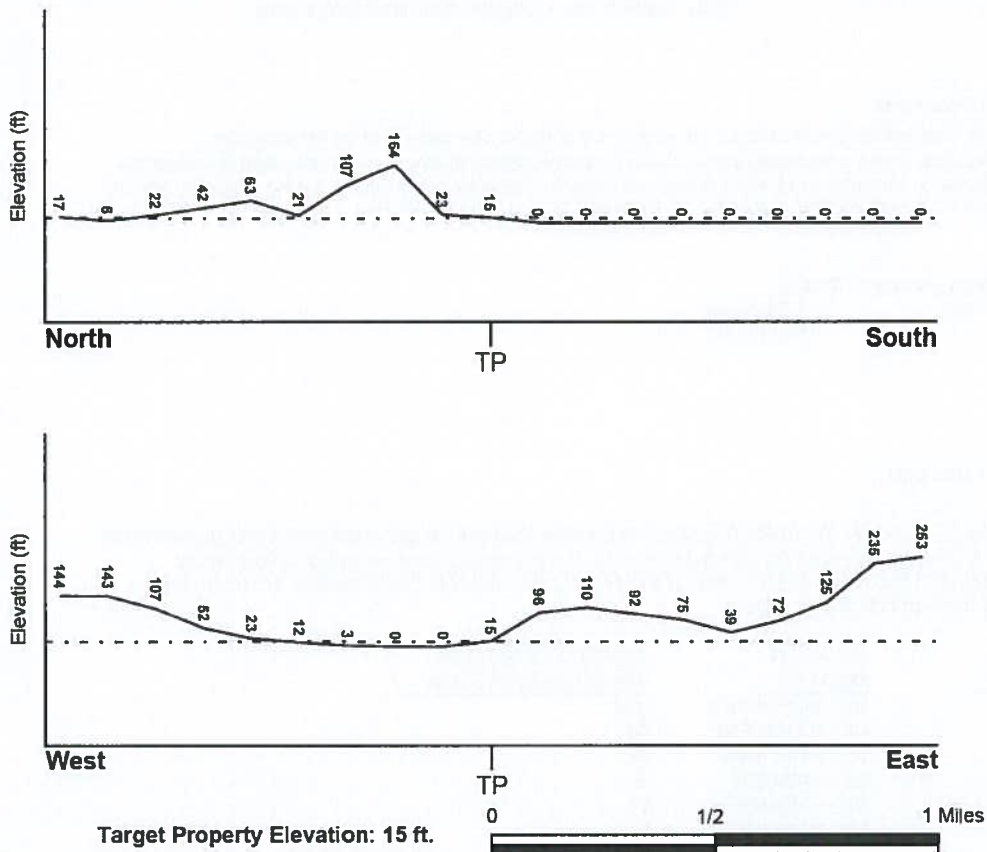
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
SOLANO, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0603740010C

Additional Panels in search area: 0603740020C
0606310625B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
BENICIA

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/8 - 1/4 Mile NNW	Flat
2	1/4 - 1/2 Mile ENE	NE
3	1/2 - 1 Mile NNW	W
4	1/2 - 1 Mile ESE	E
A5	1/2 - 1 Mile NNE	W
A6	1/2 - 1 Mile NNE	S
A7	1/2 - 1 Mile NNE	SW
A8	1/2 - 1 Mile NNE	SW

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A9	1/2 - 1 Mile NNE	W
A10	1/2 - 1 Mile NNE	SSE
11	1/2 - 1 Mile North	SSE
12	1/2 - 1 Mile NNW	Varies
13	1/2 - 1 Mile NNW	S
B14	1/2 - 1 Mile North	SW
B15	1/2 - 1 Mile North	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 1792670.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles

SITE NAME: General Mills
ADDRESS: 800 Derr Street
Vallejo CA 94590
LAT/LONG: 38.0806 / 122.2448

CLIENT: Northgate Env. Management Inc.
CONTACT: Marta Lutsky
INQUIRY #: 1792670.2s
DATE: November 09, 2006 9:39 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: **MADE LAND**

Soil Surface Texture: **variable**

Hydrologic Group: **Not reported**

Soil Drainage Class: **Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.**

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: **Not Reported**

Depth to Bedrock Min: **> 0 inches**

Depth to Bedrock Max: **> 0 inches**

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

Soil Map ID: 2

Soil Component Name: **DIBBLE**

Soil Surface Texture: **clay loam**

Hydrologic Group: **Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.**

Soil Drainage Class: **Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.**

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: **MODERATE**

Depth to Bedrock Min: **> 20 inches**

Depth to Bedrock Max: **> 40 inches**

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 6.50 Min: 5.60
2	3 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 7.30 Min: 6.10
3	20 inches	24 inches	weathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

Soil Map ID: 3

Soil Component Name: WATER

Soil Surface Texture: Not reported

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: DIBBLE

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	13 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 6.50 Min: 5.60
2	13 inches	30 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 7.30 Min: 6.10
3	30 inches	34 inches	weathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

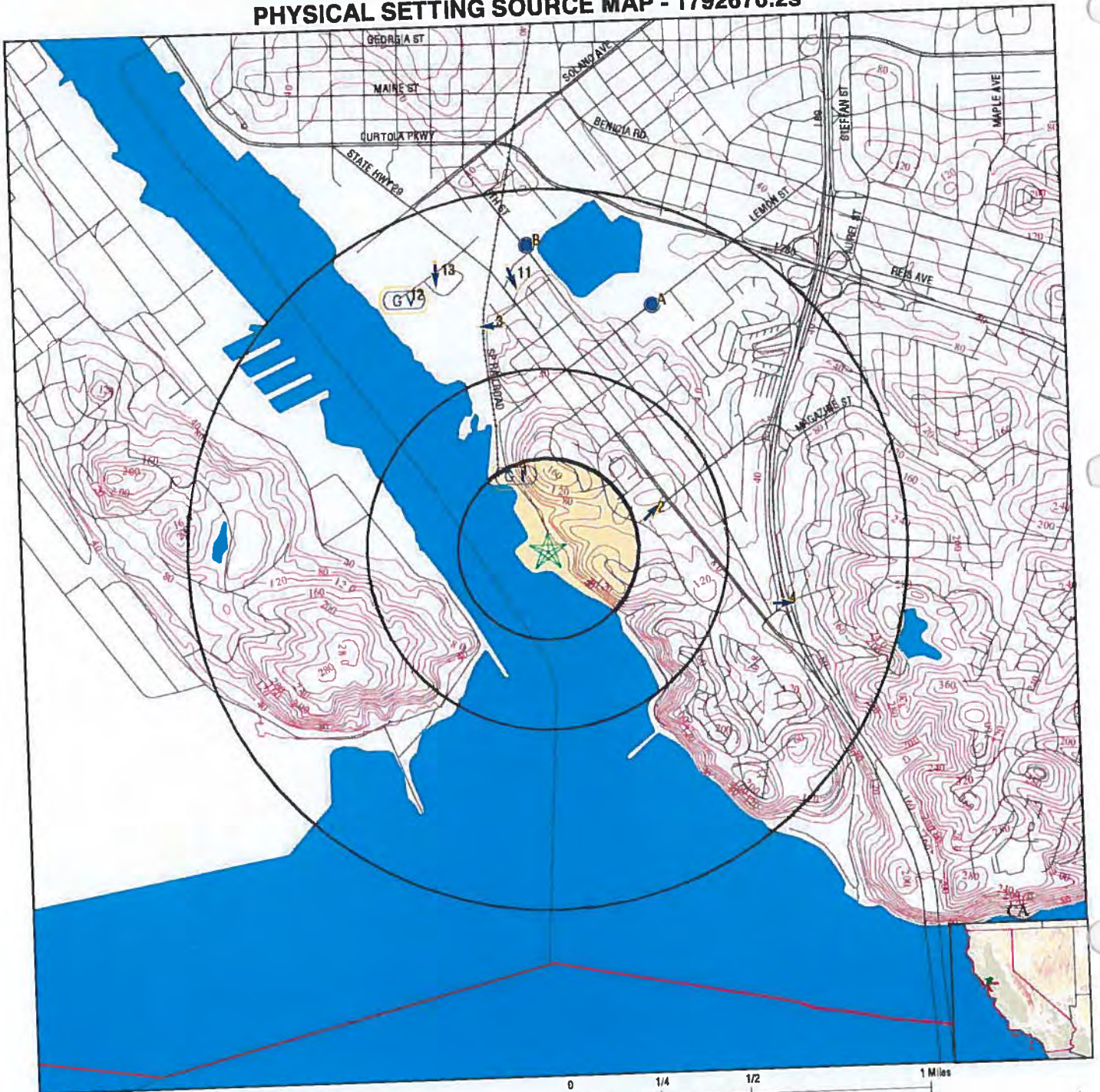
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1792670.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: General Mills
 ADDRESS: 800 Derr Street
 Vallejo CA 94590
 LAT/LONG: 38.0806 / 122.2448

CLIENT: Northgate Env. Management Inc.
 CONTACT: Marta Lutsky
 INQUIRY #: 1792670.2s
 DATE: November 09, 2006 9:39 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 NNW 1/8 - 1/4 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Flat 5 8 Not Reported 05/11/1995	AQUIFLOW	53696
2 ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NE 32 35 Not Reported 05/22/1995	AQUIFLOW	52272
3 NNW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported W 10.5 13 Not Reported 02/28/1995	AQUIFLOW	53663
4 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported E 8.70 18.14 Not Reported 11/12/1993	AQUIFLOW	52583
A5 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported W 5 22 Not Reported 10/27/1995	AQUIFLOW	53643
A6 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported S Not Reported Not Reported 10 09/12/1994	AQUIFLOW	52624
A7 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 6 23 Not Reported 05/15/1997	AQUIFLOW	52575

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A8 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	10765 SW 23 30 Not Reported 08/21/1995	AQUIFLOW 53649
A9 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported W 3.41 23 Not Reported 05/15/1996	AQUIFLOW 53652
A10 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SSE 1.55 4.60 Not Reported 07/27/1999	AQUIFLOW 52600
11 North 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	10758 SSE 9.69 20.0 Not Reported 08/16/1990	AQUIFLOW 53665
12 NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies 7 13 Not Reported 01/31/1996	AQUIFLOW 52607
13 NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported S 6.43 18.85 Not Reported 07/26/1999	AQUIFLOW 52275
B14 North 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 3.81 15.12 Not Reported 08/02/1996	AQUIFLOW 53688

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B15
North
1/2 - 1 Mile
Lower

Site ID:	Not Reported
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	7.5
Date:	07/15/1992

AQUIFLOW 52601

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
94590	12	0	0.00

Federal EPA Radon Zone for SOLANO County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 Indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94590

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.650 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	-0.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[®] Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX B
ENVIRONMENTAL DATA RESOURCES, INC. – FILE SUMMARY

FILE 10316 SUMMARY - GENERAL MILLS, INC., 800 DERR AVENUE, VALLEJO, CA 94590

April 05, 1946 - CVFD letter to General Mills, Inc. (GMI) regarding safety requirements.

August 07, 1947 - CVFD letter to GMI regarding sprinkler's system.

April 21, 1966 - CVFD permit issued to GMI for the installation of a 1,000 gal diesel tank.

December 26, 1979 - CVFD report of a fire incident caused by a fumigant -Photoxin.

January 22, 1980 - CVFD permit issued to GMI for the installation of two (2) 5,000 gal diesel tanks. Around the service building.

October 29, 1982 - GMI letter to CVFD indicating that they release the CVFD from any liability while they are washing out the old and new bulk house structures at GMI's request.

1986 - State of CA application for permit to operate USTs. The owner is General Mills Inc. There are information of 4 USTs, although there are 5 containers. Tanks #2 and #3 are 1,000 gal diesel, with unknown characteristics, piping of the suction type, visual and stock inventory used as leak detection. Tank #4 is a 5,000 gal diesel tank, manufactured in 1980 by Perkins, installed in 1980, with 1/4" thickness of primary containment, non-vaulted, single walled, steel, piping of the suction type, stock inventory used as leak detection. Tank #5 is a Perkins - 5,000 gal diesel tank, manufactured and installed in 1980, with 1/4" thickness of primary containment, non-vaulted, single walled, steel, unlined, wrapped with tar or asphalt, piping of the suction type, stock inventory and alternative #8 used as leak detection.

June 09, 1986 - GMI application to conduct precision testing.

June 12, 1986 - GMI letter to CVFD including the fees for the tanks, and also indicating that tanks #2 and #3 are scheduled for closure within 90 days. Both tanks are empty at this time.

June 17, 1986 - CVFD letter to GMI indicating that they need to submit the application and fees for the USTs.

June 20, 1986 - CVFD issued a permit to operate USTs.

October 23, 1986 - CVFD letter to T.J. Mitchell Construction indicating that they need to submit the results of the tank testing performed in GMI.

October 24, 1986 - T.J. Mitchell Construction letter to CVFD including the results of the tank test performed on two (2) 5,000 gal diesel tanks: TIGHT.

April 08, 1987 - CVFD letter to GMI indicating that the leak detection methods chosen do not correspond with the monitoring alternatives that are available.

April 10, 1987 - B.C. Stocking filed an application to remove two (2) 1,000 gal diesel tanks.

April 16, 1987 - CVFD official inspection report for the removal of a 1,000 gal diesel tank. Tank had a hole at bottom, (seam cracked). Soil samples taken at approx. 8-9 fbg, when taking sample #1, contamination was obvious, with dark liquid escaping through the hole. Tank located at the west of shipping warehouse building.

April 17, 1987 - CVFD letter to GMI indicating that this facility has been determined to be a confirmed release site, because of a observed hole in tank.

April 22, 1987 - CVFD official inspection report for the removal of a 1,000 gal diesel tank. No holes found in the tank. No odor present, no water present in the tank pit. Encountered bedrock, 2 soil samples taken under the tank. Tank located at the south of security building.

April 27, 1987 - Tom P. Chowaniec from GMI filed an UAR report of the discharge of unknown amount of diesel, discovered from a tank removal, tank was not in use.

April 28, 1987 - Alpha Chemical & Biomedical Laboratories results for 4 soil samples, showing ND for TPH diesel. There was no chain of custody, no BTEX results.

May 21, 1987 - CVFD letter to GMI regarding the renewal of permit to operate USTs.

May 21, 1987 - CVFD letter to GMI indicating that a precision tank test has not been conducted within the last 12 months. No record of waste oil tank ever being tested.

June 03, 1987 - GMI submittal of their hazardous materials disclosure form.

June 17, 1987 - Jotco Petroleum Equipment submittal of an application to conduct precision tank testing. Handwritten notes indicated that on 06-18-87 the diesel tanks failed (0.273 gph). Tanks were retested on 07-01-87 and failed again. Tanks were retested on 07-19 and 07-22-87 after excavation, both passed. Waste oil tank tested tight on 06-17-87.

July 19,22, 1987 - GMI submittal of the results of the precision tank test, both are TIGHT.

July 30, 1987 - Blymyer & Sons Engineers, Inc. (BSEI) letter to CVFD regarding the extension of their main water line supply.

November 10, 1987 - Bissel & Karn, Inc. letter to CVFD including 2 water lines plans.

December 31, 1987 - Trace Environmental application for permit to remove two (2) 5,000 gal diesel tanks and a 250 gal waste oil tank. The two (2) 5,000 gal tanks are located by the loading bay with a single pump dispenser. Waste oil tank located by the 7 story building.

January 19, 1988 - Handwritten notes from the Notification Report of Hazardous Waste Discharge indicating that two (2) 5,000 gal diesel tanks were removed. Observed product on groundwater at ~6 feet deep. Preliminary TPH from mobile lab on site indicated >500 ppm, excavation has been backfilled with gravel. Two (2) 10 or 12' slotted steel pipes were installed in excavation. Mountain States Drilling retained to drill groundwater monitoring wells. Blymyer and Sons retained for site investigation. Handwritten notes from Notification Report of Hazardous Waste Discharge indicating that a 275 gal waste oil tank was removed, corrosion holes observed in bottom of tank.

January 19, 1988 - CVFD letter to GMI indicating that this facility has been determined to be a confirmed release site because of observed holes in tank and observed product in excavation.

January 19, 1988 - Notification report of hazardous waste discharge indicating holes in bottom of tank and product on groundwater.

January 19, 1988 - Blymier and Sons plot plan indicating the location of 4 monitoring wells on each side of tank pit, at about 15 feet from perimeter of the former 5,000 gal diesel tank excavation.

January 21,22, 1988 - Water Well Driller Report for the installation of 4 monitoring wells, 4" diameter. Water levels found at 5-6 feet.

<u>WELL #</u>	<u>DEPTH</u> ft	<u>SCREENED</u>
MW-1	15.3	4.5 - 14.5
MW-2	16.4	6.0 - 16.0
MW-3	17.0	5.5 - 16.5
MW-4	16.2	5.5 - 15.5

January 29, 1988 - GMI filed 2 UAR leak reports.

February 08; 16 and 18, 1988 - BSEI letter to CVFD including the soil/water sample analyses.

March 09, 1988 - B&S letter report to CVFD indicating that based on the above results and the appearance of the tank excavation, GMI installed 4 monitoring wells and samples were taken around the diesel tank excavation. The backfill material (approx. 40 cubic yards) which had been contaminated with diesel has been spread on site in order to aerate. The waste oil tank pit has been left open, in order to facilitate removal of material if required by the CRWQCBSFBR.

March 17, 1988 - Handwritten notes indicating that CVFD has discussed this case with the Regional Board. Leslie Fergusson from the Regional Board will call General Mills regarding the soil treatment and disposition of the contaminated soils.

CHEMICAL ANALYSES
01-13-88

<u>SAMPLE</u>	<u>TPHd</u> ppm	<u>TPHd</u> ppb	<u>TO&G</u> ppm	<u>B</u> ppb	<u>T</u> ppb	<u>E</u> ppb
Pile 1	620					
Pile 2	720					
Pile 3	770					
South Wall	(10)					
East Wall	(10)					
West Wall	(10)					
Water		560000				
Composite	800					
Water		240000				
Waste Oil	200		7500	ND	370	200

April 04, 1988 - CVFD letter to Trace Environmental Services, Inc. (TESI) regarding the submittal of plans for above ground storage tanks.

June 09, 1988 - CVFD letter to TESI regarding the installation of emergency vents.

June 21, 1988 - CVFD official inspection report for the ASTs.

June 29, 1988 - K & T Steel Corporation letter to TESI indicating that they have information about how the AST's were built. There are two (2) 6,000 gal above ground diesel and a 500 aboveground waste oil tanks.

August 02, 1988 - CVFD permit issued to TESI for the repair of the product line connection to the AST.

September 26, 1988 - CVFD letter to TESI indicating that they need to submit a installation permit fee for the AST.

September 26, 1988 - CVFD permit granted to TESI for the operation of above ground diesel and waste oil tanks.

November 07, 1988 - R.S. Egan & Co. filed an application to remove a 1,000 gal diesel tank.

November 07, 1988 - CVFD handwritten notes indicating that while doing excavation for a new truck scale at the rear of the property, a 1,000 gal tank was unearthed. The tank was holed seriously by the tractor and leaked a small amount of diesel fuel into surrounding dirt. The area all around the tank was excavated to below level leaving tank and surrounding soil exposed. Some contamination

noted at the bottom of tank. 2 soil samples taken at ends of the tank. A water sample taken. Water was below level of tank excavation.

December 01, 1988 - SCDEM letter to GMI notifying them of their responsibility to comply with HMMBP requirements.

December 19, 1988 - BEI letter to CVFD including the analytical results of soil and water samples taken after tank removal. Some contaminated soil, approx. 50 yards was removed and stockpiled prior to sampling. There are no information about the soil samples. Water sample showed 43,000 ppb of TPH as diesel. We need to get information on soil sampling results.

December 20, 1988 - BEI submittal of a UAR leak report for the unknown amount of diesel discharged and discovered after tank removal.

December 20, 1988 - BEI letter to CVFD regarding the Mill Feed Storage Project. (MFSP)

December 29, 1988 - GMI letter to SCDEM including the application for the HMMBP.

January 03, 1989 - SCDEM letter to GMI indicating that they need to develop an RMPP because they store acutely hazardous materials.

January 11, 1989 - State Water Resources Control Board letter to SCDEM (Board of Supervisors) enclosing information regarding the leak report discovered in GMI after tank removal.

January 16, 1989 - BEI letter to CVFD regarding the MFSP.

January 17, 1989 - BEI letter to CVFD regarding the fire protection features for the MFSP.

February 03, 1989 - GMI letter to SCDEM including the additional information for the HMMBP.

March 03, 1989 - State of California, Form "A" indicating that General Mills, Inc. is the owner of the property, owner and operator of the tanks, tanks were removed. A 250 gal tank was removed on January 1988. Two (2) 1,000 gal diesel tanks were removed on April 1987. Two (2) 5,000 gal diesel tanks were removed on January 1988. A 1,000 gal (unknown product) tank was removed on November 07, 1988.

September 22, 1989 - SCDEM letter to GMI regarding the RMPP for acutely hazardous materials.

September 11, 1990 - CVFD letter to GMI regarding the maintenance of a fire hydrant.

December 24, 1990 - SCDEM hazardous materials permit.

February 11, 1991 - GMI letter to Solano County Office of Emergency Services, enclosing a copy

of the 1990 Tier Two Emergency and Hazardous Chemical Inventory.

June 26, 1991 - SCDEM official inspection report for the HMMBP.

July 26, 1991 - GMI letter to SCDEM indicating corrective actions taken after the inspection. They are requesting until July 1992 to conclude the RMPP.

September 19, 1991 - CVFD internal Memo indicating that there is a public water system used for fire services is being used as a domestic service.

December 01, 1991 - SCDEM official billing form for the HMMBP.

December 24, 1991 - SCDEM hazardous materials permit.

January 21, 1992 - GMI letter to SCDEM including a RMPP proposal for this facility.

January 31, 1992 - GMI letter to CVFD including a copy of the 1991 Tier Two Emergency and Hazardous Chemical Inventory.

February 20, 1992 - GMI letter to SCDEM regarding the meeting held in our office for the RMPP proposal revisions.

April 1992 - Kaldveer Associates submittal of a report entitled "Geotechnical Investigation for General Mills Bulk Storage and Loadout Facility". It is the opinion of the consultant that the site is suitable for the proposed Bulk Storage and Loadout Facility from a geotechnical standpoint.

April 07, 1992 - GMI letter to SCDEM requesting for an extension in the submittal of a completed document for the RMPP.

April 09, 1992 - City of Vallejo Project Routing Form for the Truck Loading Building.

April 27, 1992 - SCDEM reply letter to GMI granting the extension for the submittal of a RMPP.

July 07, 1992 - GMI proposal for the design and installation of a fire sprinkler system.

July 15, 1992 - CVFD letter to GMI indicating that there is a cross connection between the fire service and domestic water lines.

July 27, 1992 - CVFD letter to GMI regarding the construction of the new bulk flour storage and blending facility.

August 10, 1992 - GMI letter to CVFD regarding the new flour storage building requirements.

August 26, 1992 - GMI letter to CVFD regarding the elimination of the cross connection in the water lines of this facility.

October 01, 1992 - GMI letter to SCDEM requesting an extension for the submittal of the RMPP. Deadline is December 01, 1992.

October 28, 1992 - SCDEM official billing form for the HMMBP.

November 18, 1992 - GMI submittal of the New Flour Storage Facility Descriptions.

November 25, 1992 - GMI letter to CVFD including the schedule of cleaning and maintenance for the new building.

December 09, 1992 - CVFD letter to GMI requiring automatic fire sprinkler protection.

December 23, 1992 - SCDEM letter to GMI requesting additional information required to fully evaluate the RMPP.

December 31, 1992 - SCDEM hazardous materials permit.

February 04, 1993 - GMI submittal of the Tier Two Emergency and Hazardous Chemical Inventory.

March 18, 1993 - Bruce Balala Excavations filed an application for permit to remove USTs. There is a 32,000 gal concrete tank that used to store diesel. This is not a permitted tank since nobody knew the presence of this tank. Tank pieces will be hauled to Syar plant and Lake Herman as non-hazardous. Dimensions: 27 x 27 x 4.

March 24, 1993 - Handwritten notes of the CVFD official inspection report for the removal of USTs. It appears that a 570 gal steel fuel oil tank and a 500 gal aluminum diesel tank were removed. Soil samples were taken, 2 sidewall and one at the bottom of tank. The diesel tank tested for BTEX and TPHd, the gasoline tank tested for TPHg, BTEX and Total Lead. The right side of the 570 gal diesel tank appears to be contaminated, left side with grave has a heavy sheen on it. Facility was directed to place visqueen in tank pit, cover over with clean soil. The 570 gal fuel oil tank had a dent of 2.5" x 3.5", perhaps the backhoe perforated the tank, several small holes seen on tank. The dimensions of the pit: 10.6' x 6.6' x 7'.

March 30, 1993 - Geo M. Robinson & Co. letter to CVFD regarding the installation of a sprinkling system.

March 30, 1993 - Scott Co. Mechanical Contractors letter to GMI including the readings recorded on the confined space entry permit for the vault.

April 21, 1993 - L2D2, Inc. submittal of a Soils and Groundwater Investigation Report including the

advancing of 4 exploratory soil borings, one on each side and within 6 feet from the UST and one hydro-punch sample. This investigation was performed after the closure in-place of the UST concrete tank. Groundwater was encountered approx. at 5' to 6.5' bgs. The consultant recommends to backfill this tank and to collect from 8 to 10 groundwater samples around the proximity of the UST. In general, dark silty clay soil was encountered in the 4 borings.

CHEMICAL ANALYSIS

4-06-93

<u>SAMPLE</u>	<u>DEPTH</u> ft	<u>TPHg</u> ppm	<u>TPHd</u> ppm	<u>B</u> ppm	<u>T</u> ppm	<u>E</u> ppm	<u>X</u> ppm
B-1	10	(50)	(50)	0.011	0.005	(0.005)	(0.005)
B-2	10	ND	ND	ND	ND	ND	ND
B-3	11.5	ND	ND	ND	0.008	ND	ND
B-4	10.5	13	ND	ND	ND	ND	0.011

Water in ppb:

W-1

2,200 100,000 TPHmo = 120,000

<u>Compound</u>	<u>Results</u> ppm	<u>Det.Limit</u> ppm
Cadmium	ND	0.005
Chromium	0.05	0.01
Lead	0.12	0.04
Nickel	0.06	0.01
Zinc	0.17	0.005

June 08, 1993 - L2D2 submittal the Subsurface Investigation Report. Ten soil borings were drilled. One soil and one groundwater sample were collected from each boring. Five of the ten groundwater samples had concentrations of petroleum hydrocarbons between 200 ppb and 150,000 ppb. Most of the groundwater samples with detectable hydrocarbons were from an area southwest of the former concrete UST. The ground surface of the investigation area was covered with asphalt concrete pavement. The near surface soil were predominantly sands. Generally the soil immediately beneath the asphalt pavement section was a brown gravelly sand that was damp medium dense, of low plasticity, which extended to a depth of about 3' bgs. At areas north and east of the former UST, a layer of highly weathered and fractured mudstone was encountered below the near surface sand layer. The weathered mudstone layer generally graded moist, with brown clay, extending to a depth of about 5' bgs. Dark brown to black silty fine sands were generally the lower soil stratum encountered in the soil borings. This silty sand was mostly loose and wet, and extended to the maximum boring depth of 10' bgs. First groundwater was encountered generally between 5.5' and 7'. This site is greatly

influenced by the tidal action. The consultant concludes that the groundwater at the site has been impacted with heavy petroleum hydrocarbons (oily type such as heating oil, bunker oil, motor oil, or aged diesel fuel. Consultant recommends the installation of 4 monitoring wells.

CHEMICAL ANALYSES - SOIL

<u>SAMPLE</u>	<u>BTEX</u> ppm	<u>TPHg</u> ppm	<u>TPHd</u> ppm	<u>TPHm</u> ppm
B-1	(0.005)	(1)	(10)	
B-2	ND	ND	ND	
B-3	ND	ND	ND	
B-4	ND	ND	ND	
B-5	ND	ND	ND	
B-6	ND	ND	ND	
B-7	ND	ND	ND	
B-8	ND	ND	ND	
B-10	ND	ND	ND	

WATER in ppb

B-1	NA	NA	1,700	550
B-2			(50)	(200)
B-3			ND	ND
B-4			7,200	340
B-5			ND	ND
B-6			ND	ND
B-7			130,000	150,000
B-8			ND	ND
B-9			1,400	200
B-10			850	390

July 06, 1993 - SCDEM official inspection report for the HMMP.

July 08, 1993 - SCDEM official inspection report for the RMPP.

September 01, 1993 - GMI submittal of their HMMP.

October 22, 1993 - SCDEM pink form placing this facility into the LOP Program.

October 27, 1993 - SCDEM official billing form for the HMMP.

December 31, 1993 - SCDEM hazardous materials permit.

March 15, 1994 - SCDEM phone call to Mr. Bruce Andrade from GMI, Mr. Andrade said that he is not familiar with any clean-up activity and that he will search his files for the required information.

March 16, 1994 - SCDEM Notice of Corrective Action and Reimbursement Responsibility sent to GMI with specific requirements.

March 21, 1994 - SCDEM pink form changing the program element to a groundwater case.

April 19, 1994 - SCDEM phone call to Mr. Andrade. He mentioned that an update letter will be sent shortly and that GMI is in the process of selecting a consultant to perform the investigation.

April 25, 1994 - GMI letter to SCDEM indicating that GMI is in the process of obtaining proposal from consultants in order to meet the specific requirements of the Corrective Action.

July 13, 1994 - Mr. Cliff Davenport phone call to SCDEM to set up a meeting.

July 20, 1994 - SCDEM meeting with Mr. Bruce Andrade from General Mills, and Mr. Cliff Davenport and Mr. Saulius Germanas from McLaren Hart in which information regarding this site was exchanged, we discussed LOP requirements, testing of TPHg and TPHd, redevelopment of existing wells, confirmatory sampling and hydro punches in 4 different areas, requested additional information such as the stockpile, site layout plan including the location of former USTs, etc.

July 20, 1994 - McLaren Hart fax/transmittal of a work plan which was discussed today in our meeting. This fax/letter acknowledges that SCDEM needs to have an understanding of the site geology, monitoring and extraction well completion data, and sufficient soil and groundwater chemical concentration data in the vicinity of the tank sites. It provides a chronology of events:

Tank	Size	Removed	Sampling Performed	Comments
1	1,000 Diesel	4-16-87	Four soil samples (TPHd) 2 tested, no DLs.	By the shipping warehouse, no water sample, unknown if samples analyzed were from tank 1 or 2. Tank removal performed in conjunction with tank 2.
2	1,000 Diesel	4-16-87	Four soil samples (TPHd) 2 tested, no DLs.	No water sample, unknown if samples analyzed were from tank 1 or 2, tank removal performed in conjunction with tank 1.
3	5,000 Diesel	Jan-88	Three soil samples and one water (TPHd)	40 yd ³ stockpile aerated on site. Excavation was backfilled with gravel and 10-12' slotted steel pipes (extraction wells?)
4	5,000 Diesel	Jan-88	Same as tank 3	Same as tank 3, one soil sample required, sample locations mixed up on COC/lab sheet.
5	250 Waste Oil	Jan-88	One soil sample, TO&G = 7500 ppm	Unknown if soil sample was collected at fill or pump end of tank, tank location unknown.

6	1,000 Gasoline	Nov-88	One water sample, TPHd = 43,000 ppb	Soil analysis apparently not performed groundwater not analyzed for TPHg, BTEX and lead
7	32,000 concrete	Apr-93	Heating fuel and diesel	This tank was destroyed and the concrete walls were taken and disposed of to Lake Herman facility.

August 03, 1994 - General Mills submittal of a work plan with a proposal to collect 7 confirmatory soil and 3 grab groundwater samples, installation of a monitoring well, location of a former waste oil tank, and the development and sampling of the four existing monitoring wells.

August 25, 1994 - SCDEM letter to GM giving the approval for the work plan.

September 13, 1994 - McLaren Hart letter to SCDEM including the amendments requested in the approved work plan letter.

September 20, 1994 - General Mills letter to SCDEM indicating that McLaren Hart has been authorized to commence the work plan.

September 27, 1994 - General Mills submittal of a well permit application.

September 30, 1994 - SCDEM official inspection report for the installation of a monitoring well (MW-5). Well screened from 3 to 13', 2" PVC.

November 08, 1994 - GM submittal of a Phase I Summary and Work plan Phase II proposal for further investigation around the former waste oil tank (T5 Area). 3 exploratory soil borings will be advanced around this area, soil samples will be collected in the capillary fringe from each boring and analyzed for TRPH. Water samples will be analyzed for TRPH, VOCs, PNAs, PCBs, PCP and Metals. A monitoring well will be installed southwest of the 3 soil borings. The results of the Phase I are:

T-1: 4 borings were drilled in this area. TPHd was detected in the soil at 4 - 16 ppm. A grab water sample contained 420 ppb of TPHd. No TPHg or BTEX were detected.

T-3 & T-4: 4 wells were installed after tank removal in 1988. The location of MW-3 was not found. TPHd and BTEX were ND in the wells of this area.

T-5: One soil boring was drilled in this area (former waste oil tank). No water sample was taken due to the presence of product sheen on the water surface.

T-6 : 2 borings were drilled around this area. During sample collection groundwater was not encountered in the boreholes. Drill refusal was encountered at 11' in T6-1 and 10.5' at T6-2. TPHg, TPHd, and BTEX were found ND.

T-7: One well (MW-5) was installed southwest of the former tank location. TPHmo was detected at 220 ppb. TPHd and BTEX were ND.

CHEMICAL RESULTS - SOIL

<u>SAMPLE</u>	<u>DEPTH</u> ft	<u>TPHg</u> ppm	<u>TPHd</u> ppm	<u>TRPH</u> ppm	<u>B</u> ppm	<u>T</u> ppm	<u>E</u> ppm	<u>X</u> ppm
T1-1	6.5	(1)	16	NA	(0.005)	(0.005)	(0.005)	(0.005)
T1-2	7.5	ND	7	NA	ND	ND	ND	ND
T1-3	6.0	ND	8	NA	ND	ND	ND	ND
T1-4	6.0	ND	4	NA	ND	ND	ND	ND
T5-1	4.0	(50)	(200)	940	(0.25)	(0.25)	(0.25)	(0.25)
T5-1	6.5	(1)	(1)	80	(0.005)	(0.005)	(0.005)	0.021
T5-2	4.0	NA	NA	5.5	NA	NA	NA	NA
T5-2	6.0	NA	NA	NA	NA	NA	NA	NA
T5-2	8.0	(1)	1.3	(31)	ND	ND	ND	ND
T5-3	4.0	NA	NA	2.6	NA	NA	NA	NA
T5-3	6.0	NA	NA	2.2	NA	NA	NA	NA
T5-4	6.0	NA	NA	2.2	NA	NA	NA	NA
T5-4	7.0	NA	NA	1.5	NA	NA	NA	NA
T6-1	10.5	ND	ND	NA	ND	ND	ND	ND
T6-2	10.0	ND	ND	NA	ND	ND	ND	ND

METALS in T5 (ppm)

Depth	VOCs	PCBs	PCP	PANs	Cd	Cr	Pb	Zn	Ni
4.0	< 12	<0.034	(64)	(13)	(0.5)	37	14	91	41
6.5	2.5	<0.034	< 1.6	< 0.33	(0.5)	33	170	77	40
6.0	<0.025	---	---	---	(0.5)	29	39	91	33

WATER SAMPLES

<u>SAMPLE</u>	<u>TPHg</u> ppb	<u>TPHd</u> ppb	<u>TPHm</u> ppb	<u>B</u> ppb	<u>T</u> ppb	<u>E</u> ppb	<u>X</u> ppb
MW-1	NA	(50)	NA	(0.3)	(0.3)	(0.3)	(0.3)
MW-2	NA	ND	NA	ND	ND	ND	ND
MW-4	NA	ND	NA	(0.5)	(0.5)	(0.5)	(0.5)
MW-5	NA	ND	220	ND	ND	ND	ND
T-1	(50)	420	NA	(0.3)	(0.3)	(0.3)	(0.3)

January 13, 1995 - McLaren Hart submittal of the laboratory analytical data sheets and chain of

custody records associated with the Phase I of the Supplemental UST Closure Project.

January 23, 1995 - SCDEM work plan approval letter with conditions.

February 09, 1995 - McLaren Hart Fax/Memo to SCDEM summarizing the phone conversation of 2-8-95. It indicates that the approved work plan letter was not received until February 02, 1995. Three borings around T-5 will be sampled at the capillary fringe. Assuming characterization of soil contamination achieved, during well installation, test capillary fringe soil sample for TPHg, TPHd, TRPH, Metals and BTEX. Chromatograms of sample analyses, and laboratory standards to be supplied to SCDEM.

February 23, 1995 - SCDEM site inspection for the drilling of 3 soil borings. Groundwater encountered at 6'. At 2:00 pm the highest tide was observed.

March 3, 1995 - General Mills filed a well permit application.

March 24, 1995 - McLaren/Hart fax letter to SCDEM including the soil sampling results. T5-2; T5-3 and T5-4 are recent results. According to the consultant, it looks like chemicals in soil are confined to the former tank pit, and they can install the well next week. Results are given with the September 23, 1994 data.

March 27, 1995 - SCDEM site inspection for the installation of a monitoring well. It is 15' deep, 2" PVC casing, screened from 3' to 13'. No PID readings, no odors encountered, no sheen on water. Groundwater was found at 5' bgs.

March 28, 1995 - Brown & Caldwell file review request .

April 26, 1995 - Mr. Clif Davenport from McLaren/Hart phone call to SCDEM requesting an extension for the submittal of the quarter analytical groundwater report.

May 11, 1995 - McLaren/Hart submittal of the Soil and Groundwater Investigation, Supplemental UST Closure Plan, including the quarterly groundwater monitoring. The lithology of the soils consisted of unconsolidated fill material with thin bay and alluvial deposits overlying upper Cretaceous sandstones and shales. Clayey sands to sandy clays with intermittent fine to coarse gravels were encountered in the upper eight feet of each boring. In both materials, a high percentage of silts and clays were observed. At approximately 8' bgs, interbedded shales and silstones became more frequent. The soil boring advanced in the vicinity of T-6 encountered auger refusal from the hard shale and silstone at approximately 11' bgs. This site is subject to tidal influence. Times of low and high tide on 03-31-1995 in the vicinity of Mare Island Strait were 7:35 am and 1:47 pm, respectively. Soil samples collected from T5 (former waste oil tank) indicated 940 ppm of TRPH at 4.0' bgs. At 7.0' bgs TRPH concentrations were found at 80 ppm. Groundwater samples were collected from MW-1, MW-2, MW-4 and MW-5. The only analyte detected was TPHmo at 220 ppb in MW-5. The consultant recommends sampling and monitoring of the wells. MW-3 should be properly located and

abandoned.

August 03, 1995 - McLaren Hart submittal of the Second Quarter 1995 Monitoring Report. BTEX, TPHg and TPHmo were ND. TPH as diesel was detected at concentrations of 0.35 and 1.4 ppm in MW-4 and MW-6 respectively. In the first quarter 1995, sample from this well was analyzed by EPA Method 8015, and in the second quarter by the LUFT Method. The differing analytical methods may be the reason for the variation of the results. The consultant concludes that wells MW-1, MW-2 and MW-3 have tested clean for the last 3 quarters, and closure activities could proceed at these locations.

September 21, 1995 - SCDEM letter to SWRCB regarding the RP Billing data submitted to Solano County.

October 03, 1995 - General Mills letter to SCDEM including the latest quarterly monitoring report. GM is petitioning case closure since all the wells have shown ND levels for the chemicals of concern during the consecutive quarters. Neither TPH nor BTEX were detected in the monitoring wells. TPH diesel was detected at 0.88 ppm in MW-6. The consultant concludes that since BTEX chemicals have not been present in any of the monitoring wells sampled, these wells do not appear to have been adversely impacted by the former USTs. Given the low concentrations and non-potable nature of the groundwater at the site, no adverse impacts have been identified and it is recommended that closure proceed at all former tank locations.

January 18, 1996 - SCDEM letter to General Mills regarding the closure request. SCDE M is requiring one additional quarterly monitoring event. Previous sampling showed ND for TPHg and BTEX. TPHd has shown a declining trend in concentrations.

March 07, 1996 - General Mills letter to SCDEM including the first quarter 1996 monitoring report. According to the consultant significant concentrations of petroleum hydrocarbons are not present in the groundwater at the site. Based on the analytical results, the consultant concludes that since BTEX chemicals have not been recorded in any monitoring wells, site groundwater does not appear to have been adversely impacted by the former USTs releases. Given the apparent natural attenuation of the petroleum hydrocarbons and the non-potable nature of the groundwater at the site, no adverse impact has been identified. The RP is requesting final closure of this site.

WATER QUALITY DATA

<u>WELL</u>	<u>DATE</u>	<u>TPHg</u> ppb	<u>TPHd</u> ppb	<u>TPHmo</u> ppb	<u>TRPH</u> ppb	<u>B</u> ppb	<u>T</u> ppb	<u>E</u> ppb	<u>X</u> ppb
MW-1	10-17-94	(50)	(50)	NA	NA	(0.3)	(0.3)	(0.3)	(0.3)
	02-28-95	ND	ND			ND	ND	ND	ND
	05-23-95	ND	ND			ND	ND	ND	ND
	09-08-95	ND	NA			NA	NA	NA	NA
MW-2	10-17-94	ND	(50)	NA	NA	(0.3)	(0.3)	(0.3)	(0.3)
	02-28-95	ND	ND			ND	ND	ND	ND
	05-23-95	ND	ND			ND	ND	ND	ND
	09-08-95	ND	NA			NA	NA	NA	NA
MW-4	10-06-94	ND	(50)	NA	NA	(0.5)	(0.5)	(0.5)	(0.5)
	02-28-95	ND	ND			ND	ND	ND	ND
	05-23-95	ND	350			ND	ND	ND	ND
	09-08-95	ND	ND			ND	ND	ND	ND
MW-5	10-06-94	ND	(50)	220	NA	(0.5)	(0.5)	(0.5)	(0.5)
	02-28-95	ND	ND			(0.3)	(0.3)	(0.3)	(0.3)
	05-23-95	ND	ND	(50)		(0.5)	(0.5)	(0.5)	(0.5)
	09-08-95	ND	ND	ND		ND	ND	ND	ND
MW-6	03-31-95	(50)	(50)	NA	(0.2)	(0.3)	(0.3)	(0.3)	(0.3)
	05-23-95	ND	1400	(50)		(0.5)	(0.5)	(0.5)	(0.5)
	09-08-95	ND	880	ND		ND	ND	ND	ND
	01-24-96	ND	630	ND		ND	ND	ND	ND
T1-1	09-29-94	(50)	420	(50)	NA	(0.3)	(0.3)	(0.3)	(0.3)

ORGANIC AND METALS FOR MW-6- WATER in ppm

<u>DATE</u>	<u>VOCs</u>	<u>PCBs</u>	<u>Cd</u>	<u>Cr</u>	<u>Pb</u>	<u>Zn</u>	<u>Ni</u>
03-31-95	< 0.025	< 0.001	< 0.01	< 0.01	< 0.003	< 0.02	< 0.02

May 19, 2003 – Kleinfelder submittal: Tank removal report. Soil samples collected from an excavation of a 250-gallon diesel (possible heating oil) UST reported up to 1,400 ppb TPHd.

Sample #	TPHd	TPHg	BTEX	MtBE	Oxygenates	Lead/STLC
S1 - 10'	1,400	190	<0.5	<5	ND	36/NA
S2 - 1'	<1	<1	<0.5	<5	ND	70/2.5
S3 - 0.6'	12	5.4	<0.5	<5	ND	57/1.7
S4 - 1.5'	1.8	50	<0.5	<5	ND	7.6/NA
Stockpile	2,600	230	ND	ND	ND	37/NA

June 17, 2003 – SCDEM Notice of Responsibility and request for work plan.

May 19, 2003 – Kleinfelder submittal: Tank removal report. Soil samples collected from an excavation of a 250-gallon diesel (possible heating oil) UST reported up to 1,400 ppb TPHd.

Sample #	TPHd	TPHg	BTEX	MtBE	Oxygenates	Lead/STLC
S1 – 10'	1,400	190	<0.5	<5	ND	36/NA
S2 – 1'	<1	<1	<0.5	<5	ND	70/2.5
S3 – 0.6'	12	5.4	<0.5	<5	ND	57/1.7
S4 – 1.5'	1.8	50	<0.5	<5	ND	7.6/NA
Stockpile	2,600	230	ND	ND	ND	37/NA

June 17, 2003 – SCDEM Notice of Responsibility and request for work plan.

July 29, 2003 – Kleinfelder submittal; Work Plan for General Mills. Proposed work includes a phased approach whereas Phase 1 includes overexcavating the tank pit to 10 feet bgs (3 additional feet in depth) and drilling four borings around the excavation to 25 feet bgs and collecting soil and water samples. If GW is encountered, then temp wells will be set in the borings. Phase II will include completing 3 wells on site, surveying, and conducting a sensitive receptor survey.

August 4, 2003 – SCDEM work plan approval letter and request that verification soil/water samples be collected after overexcavation and that findings from Phase 1 work be uploaded to Geotracker.

May 19, 2003 – Kleinfelder submittal: Tank removal report. Soil samples collected from an excavation of a 250-gallon diesel (possible heating oil) UST reported up to 1,400 ppb TPHd.

Sample #	TPHd	TPHg	BTEX	MtBE	Oxygenates	Lead/STLC
S1 - 10'	1,400	190	<0.5	<5	ND	36/NA
S2 - 1'	<1	<1	<0.5	<5	ND	70/2.5
S3 - 0.6'	12	5.4	<0.5	<5	ND	57/1.7
S4 - 1.5'	1.8	50	<0.5	<5	ND	7.6/NA
Stockpile	2,600	230	ND	ND	ND	37/NA

June 17, 2003 – SCDEM Notice of Responsibility and request for work plan.

July 29, 2003 – Kleinfelder submittal; Work Plan for General Mills. Proposed work includes a phased approach whereas Phase 1 includes overexcavating the tank pit to 10 feet bgs (3 additional feet in depth) and drilling four borings around the excavation to 25 feet bgs and collecting soil and water samples. If GW is encountered, then temp wells will be set in the borings. Phase II will include completing 3 wells on site, surveying, and conducting a sensitive receptor survey.

August 4, 2003 – SCDEM work plan approval letter and request that verification soil/water samples be collected after overexcavation and that findings from Phase 1 work be uploaded to Geotracker.

August 14, 2003 – Kleinfelder submittal; Revised Work Plan that incorporates suggestions and requests presented in the August 4, 2003 SCDEM letter.

September 24, 2003 – Kleinfelder submitted; Soil Investigation and Sampling Report. The report documents overexcavation of the tank pit and results of 4 borings. The excavation was extended to 10 feet deep (3 additional feet of soil removal). The borings were completed to maximum 19 feet bgs where refusal conditions were encountered. (soil sample results in ppm).

Sample # - depth	TPHd	TPHg	BTEX	Oxygenates
EP1 @ 10	3,900	300	<5	ND
EP2 @ 10	850	45	<5	ND
1 @ 1'	12	<1	<5	ND
1 @ 5'	<1	<1	<5	ND
1 @ 10'	<1	<1	<5	ND
1 @ 15'	<1	<1	<5	ND
1 @ 18-19'	<1	<1	<5	ND
2 @ 1'	2.3	<1	<5	ND
2 @ 5'	<1	<1	<5	ND
2 @ 10'	<1	<1	<5	ND
2 @ 15'	<1	<1	<5	ND
2 @ 18-19'	<1	<1	<5	ND
3 @ 1'	<1	<1	<5	ND
3 @ 5'	260	6.9	<5	ND
3 @ 10'	3.0	<1	<5	ND
3 @ 15'	<1	<1	<5	ND
3 @ 18-19'	<1	<1	<5	ND
4 @ 1'	<1	<1	<5 (7.6 Toluene)	ND
4 @ 5'	<1	<1	<5	ND
4 @ 10'	<1	<1	<5	ND
4 @ 15'	<1	<1	<5	ND
4 @ 18-19'	<1	<1	<5	ND

October 2, 2003 – SCDEM letter approving of additional excavation to 15 feet bgs and requesting additional borings to the south of the excavation to confirm that the impact is limited to the tank excavation. In addition, EDF submittal was requested.

Sample # - depth	TPHd	TPHg	BTEX	Oxygenates
5 @ 5'	<1	<1	<5	ND
5 @ 10'	<1	<1	<5	ND
5 @ 15'	<1	<1	<5	ND
5 @ 18-19'	<1	<1	<5	ND
Groundwater sample (ppb)				
B5 Water (1/2/2004)	--	<50	<0.5	6100 ethanol
B5 Water (5/18/2004)	260	--	--	--

October 2, 2003 – SCDEM letter approving of additional excavation to 15 feet bgs and requesting additional borings to the south of the excavation to confirm that the impact is limited to the tank excavation. In addition, EDF submittal was requested.

May 7, 2004 – Kleinfelder submitted the Soil and Groundwater Investigation and Sampling Report. The report documents work completed in September 2003 including overexcavation and verification soil samples from the pit and five borings. The highest concentrations were reported in the tank excavation EP-1 @ 10 feet bgs (3,900 ppm TPHd). The nearest downgradient boring (B-3) was located 10 feet from the excavation and reported 260 ppb TPHd @ 10' bgs. The other samples reported low to below detectable concentrations of constituents. In January 2, 2004, groundwater was encountered. The water sample was collected for the temporary boring B5. The water sample reported below detectable concentration of TPHg, BTEX, and fuel oxygenates except ethanol (6,100 ppb). TPHd was not analyzed in the groundwater.

May 13, 2004 – SCDEM phone conversation with Jennifer Gomez of Kleinfelder. They have the approval letter for the additional overexcavation (10/2/2003) and will schedule the work. A verification soil sample will be collected after overexcavation. The temporary well (B-5) is still accessible. I requested that additional water be collected from B-5 for analysis of TPHd and ethanol.

May 27, 2004 – Kleinfelder submitted the Soil and Groundwater Investigation report. Based on the report, the tank excavation was deepened to 15 feet bgs and two verification soil samples were collected from the excavation (EP-3 and EP-4). A grab water sample was collected from temporary well TW-1-B (B-5). Results indicated ND for TPHd/TPHg and BTEX in the soil. 260 ppb TPHd was reported in the groundwater collected from boring B5. Consultant recommends site closure and NFA.

June 2, 2004 – SCDEM phone message to Jennifer Gomez of Kleinfelder requesting documentation of the disposal for the stockpiled soil, backfilling of the excavation, and additional sampling of B5 for TPHd and ethanol after purging of the boring followed by closure of the temporary well B5. Once this information is submitted, then evaluation for site closure will be performed.

August 23, 2004 – SCDRM submitted a closure summary and letter regarding the UST located near the former residence.

January 6, 2006 – SCDRM received a copy of the Phase I and Phase II Environmental Site Assessment, prepared by Clayton Environmental on behalf of Ellis Partners, LLC. Findings from the Phase II indicated underground storage tanks may still exist on site from former property usage. Grab water samples collected indicated elevated concentrations up to 1,500,000 ppb TPHd indicating a subsequent release.

The case was re-opened in Geotracker on 1/6/2006 by filing the UAR.

January 26, 2006 – SCDRM meet with personnel from General Mills and Malcolm Pirnie (MP) regarding the preliminary work performed by MP and proposed future work. In general 5 existing USTs were located using San Borne map and field reconnaissance and 5 monitoring wells were installed in the areas of concern. MP has removed the UST and proposes to conduct accelerated site assessment and remedial action for the remaining areas of concern. The site is proposed to be redeveloped for mixed use of residential (adjacent to the hillside) and commercial, near the water. RAP will be designed according to the areas of proposed use.

January 27, 2006 – SCDRM submitted the Notice of Corrective Action and Responsibility letter.

January 31, 2006 – SCDRM on site during boring work. This work was performed for additional assessment to define the extent of soil and groundwater impact around the former USTs. The existing tanks were removed on 1/27/06. Malcolm Pirnie proposes to install additional monitoring wells and conduct monthly groundwater assessments in the wells.

March 31, 2006 – Malcolm Pirnie submitted the Revised Site-Specific ESL Report. The report presents the proposed site usage boundary between commercial and residential along with residual soil and water concentrations. The area that has the highest residual soil and water concentrations is around the original mill warehouse, between wells MP1, 3, 6, 7, and 8. The majority of this area is proposed to be used for commercial development. In general they propose to cleanup soil to the commercial ESLs for the commercial areas. The water is proposed to be cleaned up to commercial ESLs with a 100-foot buffer zone between the strait that would meet aquatic goals. Beyond the 100-foot buffer zone, the groundwater will be cleaned up to ESLs without the evaluation of aquatic goals. After reviewing the report, the proposed ESLs are acceptable with the following comments and requests are made:

- The Report presented proposed areas of commercial and residential site usage. The area designated for residential site usage will have unrestricted use. Residual impacts in the residential areas should be remediated accordingly for unrestricted use based on the Environmental Screening Levels. For areas proposed to be used for commercial will require recorded deed-restrictive usage, management, and maintenance plans to protect against human health and environmental risks from any residual impacted soil and groundwater.
- The Report did not present residual soil concentrations on a site-wide basis (except for TPHd, motor oil, SVOCs in the groundwater from wells). Site plans should be presented that illustrates residual soil concentrations for all constituents of concern throughout the whole site (from boring and excavation samples). The plans should also illustrate the designated commercial/residential limits and ESLS accordingly. The plans for vadose soil should also present the ranges of depth below ground surface used for consideration.
- Based on the reports reviewed, it is unclear if some areas of concern have been evaluated for metals, solvents, and petroleum hydrocarbons in the following areas: Welding Area, Tin Shop, Etching and Printing, and Lead Plate Storage areas located on the southern portion of the property; and the potential for hoists, sumps, or oil/water separators on site, and residual metals, solvents, and petroleum hydrocarbons in the soil in the machine shop and garage. Additional information is required to verify that these areas or within acceptable levels for the proposed usage.

- The Report proposes a buffer zone within 100 feet of the river bank where the ESLs for aquatic habitat protection shall be used. Further inland, less conservative cleanup goals are proposed based on ceiling odor levels. This Department requests that the distance of the buffer zone should be evaluated through site-specific information to verify that the buffer distance is adequate to protect aquatic habitats from residual groundwater impacts. For an example, wells MP-7 and MP-8 have reported elevated concentrations of total dissolved solids indicated possible salt or brackish water influence. These wells are east, outside of the 100-foot buffer zone. Therefore, connection with the groundwater in these wells to the River is possible. In particular, the evaluation should determine that residual groundwater impacts are stable and decreasing over time and will not migrate to the river.
- Elevated concentrations of heavy metals including Arsenic may be naturally occurring on site. Documentation should be provided to verify that metal concentrations on site are within acceptable levels and/or background limits for the area.
- A sensitive and endangered species survey has not been provided to verify that no endangered species exist or will be impacted by the development of the property. A survey to evaluate for sensitive and endangered species will likely be required prior to development.

April 4, 2006 – SCDRM letter conditionally approving the Revised ESL Report with the requests for additional information as identified above.

April 6, 2006 – Malcolm Pirnie submitted the Corrective Action Assessment. The CAA identified and evaluated feasible remedial alternatives for TPHd and PNAs in the soil and groundwater based on the proposed site usage. The CAA proposes to implement a technology that is reliable with a short duration to achieve closure faster and initially will consider excavation with onsite treatment remove soil to 12 feet bgs, chemical oxidation treatment of the stockpile, and reuse) or excavation of the hot spot areas with biostimulation (excavation of soils exceeding 10,000 ppm and treating existing in-place soil). Groundwater monitoring would be necessary to verify treatment effectiveness prior to evaluating closure.

April 11, 2006 – Malcolm Pirnie submitted the Technical Memorandum to present GW monitoring results. GW samples were collected monthly for 3 months to evaluate impact trends. Depth to water ranged from 3.28' to 5.30' bgs in March 2006. Groundwater flow ranges from W to S. TPHd was reported up to 5,400 ppb (MP1). PNAs were reported in 4 wells, all below ESLs. TDS reported up to 2,970 ppm (MP1, MP7, and MP8).

April 25, 2006 – Malcolm Pirnie letter report Response to Comments. The letter addressed comments from SCDRM regarding review of Site Specific Environmental Screening levels. The letter included updated site plans illustrating historical boring and sample location and residual impacted areas. Based on the findings, several additional areas are proposed for investigation including: Welding Area Shop, Tin Shop, and around former Tank 5 where elevated VOCs were reported.

May 3, 2006 – Malcolm Pirnie submitted the Groundwater Monitoring Report and Tidal Survey. Groundwater flow is toward the W to S. The tidal study indicated that wells MP-4 and MW-5 has no to very minimal tidal influence. Wells MP-2 and MP-6 had minimal influence, up to 0.2 foot fluctuation and well MP-8 had up to 0.7 foot fluctuation however, a groundwater flow reversal is only observed west of well MP-1. Groundwater results indicate that TPHd and TPHmo concentration exceed ELS in well MP-1 only. The report recommends sampling frequency and analysis changes

from monthly to quarterly. Wells MP1, 3, 6, 7, and 8 will be analyzed for TPHd, TPHmo, and TDS. Well MP1 will also be analyzed for TPHg.

May 4, 2006 – Meeting with Malcolm Pirnie, General Mills, and Cornish & Carey. General Mills requests to evaluate the plant as two sites since they are separated by parcels and proposed site usage. The parcel numbers and which tanks are allocated for the parcels are needed to initiate the site separation process. The parcel designated as commercial is owned by the City of Vallejo and leased by General Mills. This parcel is restricted for use by its proximity to the water. The restriction will be submitted for review so any additional health and safety restrictions that may be necessary for the parcel can be reviewed and included as warranted. General Mills will likely expedite assessment and remedial action on the residential parcels for pending sale and development. The commercial parcel may be evaluated further to define the areas where remedial action are warranted and the plan of action. Because of the different parcels and propose use of the property, the site was separated into two areas (Commercial and Residential). A new file will be opened for the commercial property under SCDRM file No 29-102042. Future information and work for the commercial site will be documented under the new file number 102042.

The public notification will be conducted after submittal of the Remedial action plan. The notification will consist of newspaper notice and public posting at the city of Vallejo and Solano County offices. A 30-day comment period will be given.

May 18, 2006 – SCDRM submitted a letter clarifying the APNs for each site (commercial vs residential).

Residential Property; SCDRM File No 29-10316

Eleven underground storage tanks (USTs) were identified on the Residential Property including T-1 through T-8 and T-11 through T-13, which resulted in and release(s) that have been identified. A Notice of Corrective Action and Responsibility letter dated January 27, 2006 identified the former tanks as sources of releases on the Residential Property.

GeoTracker Global ID: **T0609557699**

Parcels: NE portion 0061-160-090
NE portion 0062-010-130
0062-010-110
0061-111-030
0062-020-010
0062-020-020
0062-020-030
0062-020-040
0062-010-180

Commercial Property; SCDRM File No 29-102042

The commercial property includes former USTs T-9 and T-10. A Notice of Corrective Action and Responsibility letter dated May 18, 2006 identified the release associated with the USTs.

GeoTracker Global ID: **T0609535283**

Parcels: SW portion 0061-160-090
SW portion 0062-010-130

June 30, 2006 – Malcolm Pirnie submitted the Phase II Site Investigation Report for the Residential property. The report included findings for additional assessment around the Former Tin Shop/Cafeteria, Welding area, and former Tanks T-5 and T-13. Sample results from the welding area and tin shop reported up to 19 ppm TPHd, 89 ppm TPHmo and 0.033 ppm acetone. Concentrations

of arsenic and cobalt also exceeded the ESLs but within background limits for the area. No further investigation or cleanup is warranted for the Tin Shop or Welding Areas.

Soils from the T-5 reported up to 3,600 ppm TPHd and 25 ppm arsenic @ 2.5 feet bgs. No detectable VOCs were reported above ESLs. The metal concentrations were reported within background limits for the other samples.

Soil collected from borings around T-13 reported up to 28,000 ppm TPHd and 46,000 ppm TPHmo @ 10.5 feet bgs. PNA concentrations of some samples (SB44 @ 11', SB45 @ 10.5', SB62 @ 7', and SB70 @ 5.5') exceeded the ESL goals for residential usage, the highest were reported in sample SB45 @ 10.5' bgs. Due to the elevated concentrations of TPH reported in select soil samples from T-5 and T-13, Malcolm Pirnie recommends limited excavation to remove impacted soil.

July 11, 2006 – SCDRM letter regarding review of the Phase II report and request for a Remedial Action Work Plan for the proposed excavation.

July 17, 2006 – SCDRM submitted a public notice and fact sheet to surrounding residences within 200 feet of the General Mills site.

July 20, 2006 – SCDRM meeting with Todd Miller of Malcolm Pirnie regarding proposed remedial action for both the commercial and residential portions. MP is considering chemical oxidation for remedial action treatment by mixing persulfate and iron in the impacted soil and followup sampling/monitoring. A pilot test area will be conducted in the impacted area on the residual property. If successful, then this treatment may be performed for the commercial impacted area. A remedial action plan will be submitted for review.

For soil cleanup level, the majority of the soil is sandy silt to silty clay. Therefore, it is recommended that the impacted saturated soil (below 6 feet bgs) be remediated to below TPHd and TPHmo saturation concentration of 10,000 ppm and 20,000 ppm as long as groundwater concentrations are below the ESLs for the objected target (aquatic habitat). The upper unsaturated zone need to meet ESLs for dermal contact and human health risks. During subsequent investigation, a thin layer of black soil with an odor was observed around the T5 area. Concentration in the soil indicated low levels of TPH but elevated concentrations of PNAs. This thin zone is just above the native bay mud soil and may be the separation zone between the bay mud and fill at approx 12-16 feet deep. Due to the PNAs, alternative notices and remedial action should be evaluated to determine the potential risk associated with leaving the material in place if not accessible (risk evaluation or deed notice). MP proposes to complete remedial action by end of September for the residential property.

August 3, 2006 – Malcolm Pirnie submitted the Residential Property Remedial Action Work Plan for removal of TPH impacted soil in the vicinity of former tank areas T5 and T13. The impacted area around T5 is limited to 20' by 25' by 8 feet deep. Remedial action will include excavation to 8 feet bgs (150 cubic yards) and stockpiling on the commercial property pending transport to an off-site disposal facility. Confirmation samples will be collected at 500 feet of base exposure and 100 feet of sidewall exposure. *SCDRM requires one sidewall sample per 20 linear feet of sidewall exposure and samples collected every 5 feet in depth on the sidewalls for excavations that extend beyond 8 feet bgs.* The area defined by T13 is approximately 120 feet x 25 feet and 13 feet deep. Since the excavation will extend into groundwater, the sidewalls will be shored. Water encountered in the excavation will be extracted and discharged under permit to the sanitary sewer. Due to the excavation shoring, confirmation samples will not be collected. *SCDRM will require that*

Summary 29-10316-4

Last Update: 6/17/2003

confirmation borings be conducted in areas not currently defined by borings, i.e beyond borings SB44, SB45, SB75, and near MP-3. Soil samples shall be collected and analyzed for TPHd, Motor oil and PNAs to document the residual concentrations in the soil and verify ESLs have been met.

August 10, 2006 – SCDRM Remedial Action Work Plan approval with conditions as identified above.

APPENDIX C
ENVIRONMENTAL DATA RESOURCES, INC. - NEPA CHECK

EDR NEPACheck®

**General Mills
800 Derr Street
Vallejo, CA 94590**

Inquiry Number: 1792670.7s

November 08, 2006



**EDR® Environmental
Data Resources Inc**

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
EDR NEPACheck® Description.....	1
Map Findings Summary.....	2
Natural Areas.....	3
Historic Sites.....	12
Flood Plain.....	15
Wetlands.....	17
Wetlands Classification System.....	20
FCC & FAA Sites.....	24
Key Contacts and Government Records Searched.....	29

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EDR NEPACheck[®] DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

Section	Regulation
Natural Areas Map	
• Federal Lands Data:	47 CFR 1.1307(1)
- Officially designated wilderness areas	47 CFR 1.1307(2)
- Officially designated wildlife preserves, sanctuaries and refuges	40 CFR 6.302(e)
- Wild and scenic rivers	40 CFR 6.302
- Fish and Wildlife	47 CFR 1.1307(3); 40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	
Historic Sites Map	47 CFR 1.1307(4); 40 CFR 6.302
• National Register of Historic Places	
• State Historic Places (where available)	
• Indian Reservations	
Flood Plain Map	47 CFR 1.1307(6); 40 CFR 6.302
• National Flood Plain Data (where available)	
Wetlands Map	47 CFR 1.1307(7); 40 CFR 6.302
• National Wetlands Inventory Data (where available)	
FCC & FAA Map	47 CFR 1.1307(8)
• FCC antenna/tower sites, AM Radio Towers, FAA Markings and Obstructions, AM Radio Interference Zones, Airports, Topographic gradient	
Key Contacts and Government Records Searched	

MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 29 of this report.

TARGET PROPERTY ADDRESS

GENERAL MILLS
800 DERR STREET
VALLEJO, CA 94590

Inquiry #: 1792670.7s
Date: 11/8/6

TARGET PROPERTY COORDINATES

Latitude (North): 38.080601 - 38° 4' 50.2"
Longitude (West): 122.244797 - 122° 14' 41.3"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 566234.0
UTM Y (Meters): 4214821.0

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
<u>NATURAL AREAS MAP</u>				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	YES	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	YES	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	CA Natural Diversity Database	1.00	YES	YES
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
<u>HISTORIC SITES MAP</u>				
1.1307a (4) Listed or eligible for National Register	National Register Hist. Places	1.00	YES	NO
1.1307a (4) Listed or eligible for National Register	CA Historic Landmarks	1.00	NO	NO
	Indian Reservation	1.00	NO	NO
<u>FLOODPLAIN MAP</u>				
1.1307 (6) Located In a Flood Plain	FLOODPLAIN	1.00	YES	YES
<u>WETLANDS MAP</u>				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	YES
<u>FCC & FAA SITES MAP</u>				
	FCC Cellular	1.00	NO	NO
	FCC Antenna	1.00	NO	NO
	FCC Tower	1.00	NO	NO
	FCC AM Tower	1.00	NO	NO
	FAA DOF	1.00	YES	NO
	Airports	1.00	NO	NO
	Power Lines	1.00	YES	YES

Natural Areas Map



- | | |
|-------------------|---------------------------|
| ★ Target Property | ⊕ Locations |
| ↘ Roads | ▨ Federal Areas |
| ↗ County Boundary | ▨ Federal Linear Features |
| ↖ Waterways | ▨ State Areas |
| ■ Water | ▨ State Linear Features |

SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo CA 94590 LAT/LONG: 38.0806 / 122.2448	CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY #: 1792670.7s DATE: November 8, 2006	TC1792670.7s Page 3 of 34
---	--	---------------------------

NATURAL AREAS MAP FINDINGS

Endangered Species Listed for: SOLANO County, CA.

Source: EPA Endangered Species Protection Program Database

BIRD: PELICAN, BROWN
 BIRD: RAIL, CALIFORNIA CLAPPER
 BIRD: PLOVER, MOUNTAIN
 CRUSTACEAN: SHRIMP, VERNAL POOL FAIRY
 CRUSTACEAN: SHRIMP, VERNAL POOL TADPOLE
 FISH: SALMON, CHINOOK (SACRAMENTO RIVER WINTER RUN)
 FISH: SPLITTAIL, SACRAMENTO
 FISH: SALMON, CHINOOK (CENTRAL VALLEY SPRING RUN)
 FISH: STEELHEAD, CENTRAL CALIFORNIA POPULATION
 FISH: SMELT, DELTA
 FISH: STEELHEAD, CALIFORNIA CENTRAL VALLEY POP
 INSECT: BEETLE, DELTA GREEN GROUND
 INSECT: BEETLE, VALLEY ELDERBERRY LONGHORN
 MAMMAL: MOUSE, SALT MARSH HARVEST
 PLANT: GOLDFIELDS, CONTRA COSTA
 PLANT: NAVARRETIA, MANY-FLOWERED
 PLANT: STONECROP, LAKE COUNTY
 PLANT: NAVARRETIA, FEW-FLOWERED
 PLANT: GRASS, COLUSA
 PLANT: GRASS, SOLANO

Map ID
 Direction
 Distance
 Distance (ft.)

EDR ID
 Database

1
 ESE
 0-1/8 mi
 546

EO ID: 33524
 Geo ID: 38517
 Element code: IILEPP2010
 Occurrence ID: 327
 Last Visited: 19971220
 Last Observed: 19971220
 Presence: Presumed Extant
 Trend: Unknown
 Occrank: Excellent
 Sensitive?: N
 Main Info: FRASER, M. 1997 (OBS)
 Occtype: Natural/Native occurrence
 Directions: BETWEEN HWY 29 AND MARE ISLAND STRAIT, 0.5 MILE NW OF THE INTERSECTION OF HWY 29 AND I-80, VALLEJO
 Ownership: PVT
 Threat Comments: Not Reported
 Ecological Comments: OVERWINTERING SUBSTRATE CONSISTS OF TWO GROVES OF EUCALYPTUS TREES. ADDITIONAL TREES HAVE BEEN PLANTED IN THE AREA TO INCREASE THE BUFFER BETWEEN COMMERCIAL AND RESIDENTIAL.
 Distribution Comments: SITE IS A NATURALIZED BUFFER BETWEEN THE MILL AND SOME APARTMENTS, LOCATED ON A STEEP SLOPE ABOVE THE FLOUR MILL AND NAPA RIVER.
 General Comments: 100'S OBSERVED ON 20 DECEMBER 1997.
 Scientific name: DANAUS PLEXIPPUS
 Common name: MONARCH BUTTERFLY
 Global rank: G5
 State rank: S3
 Federal Status: None
 State Status: None
 Special Concern?: Not Reported
 CNPS Rarity: Not Reported
 Redcode: Not Reported
 General habitat: WINTER ROOST SITES EXTEND ALONG THE COAST FROM NORTHERN MENDOCINO TO BAJA CALIFORNIA, MEXICO.

CAS0027472
 CA Natural Diversity Database

NATURAL AREAS MAP FINDINGS

Micro habitat: ROOSTS LOCATED IN WIND-PROTECTED TREE GROVES (EUCALYPTUS, MONTEREY PINE, CYPRESS), WITH NECTAR AND WATER SOURCES NEARBY.

2 WSW 1/8-1/4 mi 1095	EO ID: Geo ID: Element code: Occurrence ID: Last Visited: Last Observed: Presence: Trend: Occrank: Sensitive?: Main Info: Occtype: Directions: Ownership: Threat Comments: Ecological Comments: Distribution Comments: General Comments: Scientific name: Common name: Global rank: State rank: Federal Status: State Status: Special Concern?: CNPS Rarity:	160 35049 PDAST8H060 15 1874XXXX 1874XXXX Presumed Extant Unknown Unknown N GREENE, E. 1888 (LIT) Natural/Native occurrence MARE ISLAND, SOUTHERN ESCARPMENT. DOD-US NAVY Not Reported CLAYEY AND BARREN ESCARPMENT. Not Reported TYPE LOCALITY. SENECIO APHANACTIS RAYLESS RAGWORT G3? S1.2 None None Not Reported Plants rare, threatened, or endangered in CA, but more common elsewhere	CAS0016688 CA Natural Diversity Database
	Redcode: General habitat: Micro habitat:	Distributed in one to several highly restricted occurrences, or present in such small numbers that it is seldom reported/Endangered in a portion of its range/More or less widespread outside of California CISMONTANE WOODLAND, COASTAL SCRUB. DRYING ALKALINE FLATS. 20-575M.	

3 West 1/4-1/2 mi 1701	EO ID: Geo ID: Element code: Occurrence ID: Last Visited: Last Observed: Presence: Trend: Occrank: Sensitive?: Main Info: Occtype: Directions: Ownership: Threat Comments:	17216 30537 PDAP119030 120 19950619 19950619 Presumed Extant Unknown Good N WOOD, M. 1994 (OBS) Natural/Native occurrence EAST SIDE OF MARE ISLAND NAVAL SHIPYARD JUST SOUTH OF PIPELINE AREA, ABOUT 3 AIR MILES SSE OF HIGHWAY 37. DOD-MARE ISLAND NS STRONG WAKES FROM VALLEJO FERRY AND ORDINANCE REMOVAL OPERATIONS PROPOSED BY THE NAVY.	CAS0004844 CA Natural Diversity Database
---------------------------------	--	---	---

NATURAL AREAS MAP FINDINGS

Ecological Comments: BRACKISH MARSH VEGETATION W/STRONG TIDAL INFLUENCE. W/TRIGLOCHIN STRIATUS, T. MARITIMUS, SPARTINA FOLIOSA, SCIRPUS ROBUSTUS, SALICORNIA VIRGINICA, & ELEOCHARIS ACICULARIS. THE MARE ISLAND SITES REPRESENT PERHAPS THE "SALTIEST" LOCATIONS.
Distribution Comments: ALONG ERODED BANK. CLOSEST TO BUILDING A-225, E OF BUILDING A288 AND A159.
General Comments: SITE WOULD BE DIFFICULT TO PROTECT DUE TO THE AMOUNT OF BOAT TRAFFIC; ALSO UNDERLYING MUDS MAY BE CONTAMINATED WITH TOXICS & OR ORDINANCE. 3 CLUMPS OF PLANTS IN EAST END OF OCCURRENCE IN 1994 AND 1995. LAND MAY BE TURNED OVER TO USFWS.

Scientific name: LILAEOPSIS MASONII
Common name: MASON'S LILAEOPSIS
Global rank: G3
State rank: S3.1
Federal Status: None
State Status: Rare
Special Concern?: Not Reported
CNPS Rarity: Plants rare, threatened, or endangered in CA and elsewhere
Redcode: Distributed in a limited number of occurrences, occasionally more if each occurrence is small/Endangered throughout its range/Endemic to California
General habitat: FRESHWATER AND BRACKISH MARSHES, RIPARIAN SCRUB.
Micro habitat: TIDAL ZONES, IN MUDDY OR SILTY SOIL FORMED THROUGH RIVER DEPOSITION OR RIVER BANK EROSION. 0-10M.

4
West
1/4-1/2 mi
1995

EO ID: 24217
Geo ID: 09244
Element code: AMAFF02040
Occurrence ID: 125
Last Visited: 1992XXXX
Last Observed: 1992XXXX
Presence: Presumed Extant
Trend: Unknown
Occrank: Good
Sensitive?: N
Main Info: BIAS, M. ET AL 1992 (LIT)
Occype: Natural/Native occurrence
Directions: MARE ISLAND NAVAL SHIPYARD, BETWEEN THE MOUTH OF CARQUINEZ STRAIT AND HWY 37, VALLEJO.
Ownership: DOD-MARE ISLAND NR
Threat Comments: THREATS INCLUDE FACILITIES CONSTRUCTION, AS WELL AS CONTINUED FILLING AND DUMPING.
Ecological Comments: HABITAT IS A COMBINATION OF UNDISTURBED TIDAL WETLANDS, DOMINATED BY PICKLEWEED, AND DREDGE DISPOSAL PONDS THAT HAVE BEEN RESTORED TO TIDAL INFLUENCE.
Distribution Comments: MOST OF THE SMHM HABITAT IS LOCATED ON THE WEST SHORE OF MARE ISLAND, FACING OUT INTO SAN PABLO BAY; HOWEVER, TWO SMALL ISLANDS OF HABITAT CONTAINING SMHM REMAIN ON THE EAST SIDE, FACING OUT INTO MARE ISLAND STRAIT.
General Comments: 1985-87, ~ 738 SMHM, TRAPPED IN TIDAL & NON-TIDAL WETLANDS. 1988, 84 CAPTURED, 77 ADULT, 7 JUV. 1989-91, 1427 SMHM TRAPPED DURING 20,502 TRAPNIGHTS, PART OF A STUDY/EVALUATION OF A WETLAND HABITAT IMPROVEMENT PROJECT. 967 CAPTURED 1992.

Scientific name: REITHRODONTOMYS RAVIVENTRIS
Common name: SALT-MARSH HARVEST MOUSE
Global rank: G1G2
State rank: S1S2
Federal Status: Endangered
State Status: Endangered
Special Concern?: Not Reported

CAS0005832
CA Natural Diversity Database

NATURAL AREAS MAP FINDINGS

CNPS Rarity: Not Reported
 Redcode: Not Reported
 General habitat: ONLY IN THE SALINE EMERGENT WETLANDS OF SAN FRANCISCO BAY AND ITS TRIBUTARIES.
 Micro habitat: PICKLEWEED IS PRIMARY HABITAT. DO NOT BURROW, BUILD LOOSELY ORGANIZED NESTS. REQUIRE HIGHER AREAS FOR FLOOD ESCAPE.

5 SW 1/4-1/2 mi 2177	EO ID: 5399 Geo ID: 30010 Element code: ABNGA04010 Occurrence ID: 43 Last Visited: 1994XXXX Last Observed: 1993XXXX Presence: Presumed Extant Trend: Unknown Occrank: Excellent Sensitive?: N Main Info: LEONG, R. 1989 (OBS) Occtype: Natural/Native occurrence Directions: JUST EAST OF SALT RESERVOIR, ON THE SOUTH END OF MARE ISLAND, VALLEJO. Ownership: DOD-MARE ISLAND NS Threat Comments: Not Reported Ecological Comments: HABITAT CONSISTS OF A SMALL GROVE OF EUCALYPTUS TREES SURROUNDING SALT RESERVOIR. Distribution Comments: FOUND NEAR BUILDING A121. General Comments: GBH'S HAVE BEEN BREEDING HERE EVERY YEAR SINCE THE DISCOVERY OF A NESTING PAIR WITH 1 JUVENILE ON 18 JUNE 1989. NESTING OBSERVED IN 1991, 1992 (2 NESTS), AND 1993 (4 NESTS). WHITE-TAILED KITES APPEARED TO BE BUILDING A NEST HERE IN 1994. Scientific name: ARDEA HERODIAS Common name: GREAT BLUE HERON Global rank: G5 State rank: S4 Federal Status: None State Status: None Special Concern?: Not Reported CNPS Rarity: Not Reported Redcode: Not Reported General habitat: (ROOKERY) COLONIAL NESTER IN TALL TREES, CLIFFSIDES, AND SEQUESTERED SPOTS ON MARSHES. Micro habitat: ROOKERY SITES IN CLOSE PROXIMITY TO FORAGING AREAS: MARSHES, LAKE MARGINS, TIDE-FLATS, RIVERS AND STREAMS, WET MEADOWS.	CAS0023566 CA Natural Diversity Database
-------------------------------	--	---

6 SSW 1/2-1 mi 2643	EO ID: 8656 Geo ID: 30536 Element code: PDAP119030 Occurrence ID: 121 Last Visited: 19950619 Last Observed: 19950619 Presence: Presumed Extant Trend: Unknown Occrank: Fair Sensitive?: N Main Info: WOOD, M. 1994 (OBS) Occtype: Natural/Native occurrence	CAS0004843 CA Natural Diversity Database
------------------------------	--	---

NATURAL AREAS MAP FINDINGS

Directions: SOUTHEAST TIP OF MARE ISLAND NAVAL RESERVATION WHERE MARE ISLAND STRAIT MEETS CARQUINEZ STRAIT.
Ownership: DOD-MARE ISLAND NS
Threat Comments: STRONG WAKES FROM VALLEJO FERRY. ORDINANCE REMOVAL OPERATIONS PROPOSED BY THE BASE. UNDERLYING MUDS MAY BE CONTAMINATED.
Ecological Comments: BRACKISH MARSH VEGETATION WITH STRONG TIDAL INFLUENCE. IN NEW BAY MUD ASSOCIATED WITH TRIGLOCHIN STRIATUS, T. MARITIMUS, SPARTINA FOLIOSA, SCIPUS ROBUSTUS, SALICORNIA VIRGINICA, AND ELEOCHARIS ACICULARIS.
Distribution Comments: ALONG ERODED BANKS. PLANTS FOUND ABOUT 100 FT E OF DIKE NUMBER 14 ON SHORELINE.
General Comments: THE MARE ISLAND SITES REPRESENT PERHAPS THE "SALTIEST" LOCATIONS FOR L. MASONII. 3 CLUMPS OF PLANTS IN 1995.
Scientific name: LILAEOPSIS MASONII
Common name: MASON'S LILAEOPSIS
Global rank: G3
State rank: S3.1
Federal Status: None
State Status: Rare
Special Concern?: Not Reported
CNPS Rarity: Plants rare, threatened, or endangered in CA and elsewhere
Redcode: Distributed in a limited number of occurrences, occasionally more if each occurrence is small/Endangered throughout its range/Endemic to California
General habitat: FRESHWATER AND BRACKISH MARSHES, RIPARIAN SCRUB.
Micro habitat: TIDAL ZONES, IN MUDDY OR SILTY SOIL FORMED THROUGH RIVER DEPOSITION OR RIVER BANK EROSION. 0-10M.

7 WSW 1/2-1 mi 2678	Feature1: Navy DOD Feature2: Not Reported Feature3: Not Reported Agbur: Department of Defense. Uri: Not Reported Name1: Mare Island Naval Station (Closed) Name2: Not Reported Name3: Not Reported State: CA State fips: 06	CUSA035587 US Federal Lands
------------------------------	--	--------------------------------

8 SW 1/2-1 mi 2994	EO ID: 16161 Geo ID: 08981 Element code: CTT52110CA Occurrence ID: 2 Last Visited: 197706XX Last Observed: 197706XX Presence: Presumed Extant Trend: Unknown Occrank: Unknown Sensitive?: N Main Info: JONES & STOKES ASSOC. 1979 (LIT) Occype: Natural/Native occurrence Directions: SAN PABLO BAY NEAR MOUTH OF SONOMA CR (HWY 37 AT SONOMA CR BRIDGE). Ownership: UNKNOWN Threat Comments: Not Reported Ecological Comments: UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO Distribution Comments: FRINGES OF CHANNEL AND BAY. WITHIN & ADJ TO NAVAL RESERVE. General Comments: Not Reported	CAS0008094 CA Natural Diversity Database
-----------------------------	--	---

NATURAL AREAS MAP FINDINGS

Scientific name: NORTHERN COASTAL SALT MARSH
 Common name: NORTHERN COASTAL SALT MARSH
 Global rank: G3
 State rank: S3.2
 Federal Status: None
 State Status: None
 Special Concern?: Not Reported
 CNPS Rarity: Not Reported
 Redcode: Not Reported
 General habitat: Not Reported
 Micro habitat: Not Reported

9 SSW 1/2-1 mi 3696	EO ID: 8656 Geo ID: 30536 Element code: PDAPI19030 Occurrence ID: 121 Last Visited: 19950619 Last Observed: 19950619 Presence: Presumed Extant Trend: Unknown Occrank: Fair Sensitive?: N Main Info: WOOD, M. 1994 (OBS) Occype: Natural/Native occurrence Directions: SOUTHEAST TIP OF MARE ISLAND NAVAL RESERVATION WHERE MARE ISLAND STRAIT MEETS CARQUINEZ STRAIT.	CAS0004843 CA Natural Diversity Database
	Ownership: DOD-MARE ISLAND NS Threat Comments: STRONG WAKES FROM VALLEJO FERRY. ORDINANCE REMOVAL OPERATIONS PROPOSED BY THE BASE. UNDERLYING MUDS MAY BE CONTAMINATED. Ecological Comments: BRACKISH MARSH VEGETATION WITH STRONG TIDAL INFLUENCE. IN NEW BAY MUD ASSOCIATED WITH TRIGLOCHIN STRIATUS, T. MARITIMUS, SPARTINA FOLIOSA, SCIPUS ROBUSTUS, SALICORNIA VIRGINICA, AND ELEOCHARIS ACICULARIS. Distribution Comments: ALONG ERODED BANKS. PLANTS FOUND ABOUT 100 FT E OF DIKE NUMBER 14 ON SHORELINE. General Comments: THE MARE ISLAND SITES REPRESENT PERHAPS THE "SALTIEST" LOCATIONS FOR L. MASONII. 3 CLUMPS OF PLANTS IN 1995.	
	Scientific name: LILAEOPSIS MASONII Common name: MASON'S LILAEOPSIS Global rank: G3 State rank: S3.1 Federal Status: None State Status: Rare Special Concern?: Not Reported CNPS Rarity: Plants rare, threatened, or endangered in CA and elsewhere Redcode: Distributed in a limited number of occurrences, occasionally more if each occurrence is small/Endangered throughout its range/Endemic to California	
	General habitat: FRESHWATER AND BRACKISH MARSHES, RIPARIAN SCRUB. Micro habitat: TIDAL ZONES, IN MUDDY OR SILTY SOIL FORMED THROUGH RIVER DEPOSITION OR RIVER BANK EROSION. 0-10M.	

10 NW 1/2-1 mi 4073	EO ID: 23650 Geo ID: 08258 Element code: PMLILOV0C0 Occurrence ID: 43 Last Visited: 18750310 Last Observed: 18750310	CAS0009388 CA Natural Diversity Database
------------------------------	---	---

NATURAL AREAS MAP FINDINGS

Presence: Possibly Extirpated
 Trend: Unknown
 Occrank: None
 Sensitive?: N
 Main Info: GREENE, E. SN (HERB)
 Occtype: Natural/Native occurrence
 Directions: MARE ISLAND, SAN FRANCISCO BAY.
 Ownership: DOD-MARE ISLAND NS
 Threat Comments: Not Reported
 Ecological Comments: Not Reported
 Distribution Comments: Not Reported
 General Comments: COLLECTION BY GREENE IN 1875 IS ONLY SOURCE OF INFORMATION FOR THIS SITE. SOME OF ISLAND IS FORMER SALT MARSH; HIGHER GROUND IS MOSTLY DEVELOPED. AREA SHOULD BE FIELD CHECKED FOR THE PRESENCE OF SUITABLE HABITAT.

Scientific name: FRITILLARIA LILIACEA
 Common name: FRAGRANT FRITILLARY
 Global rank: G2
 State rank: S2.2
 Federal Status: None
 State Status: None
 Special Concern?: Not Reported
 CNPS Rarity: Plants rare, threatened, or endangered in CA and elsewhere
 Redcode: Distributed in a limited number of occurrences, occasionally more if each occurrence is small/Endangered in a portion of its range/Endemic to California

General habitat: COASTAL SCRUB, VALLEY AND FOOTHILL GRASSLAND, COASTAL PRAIRIE.
 Micro habitat: OFTEN ON SERPENTINE; VARIOUS SOILS REPORTED THOUGH USUALLY CLAY, IN GRASSLAND. 3-410M.

11
SW
1/2-1 mi
5179

EO ID: 24217
 Geo ID: 09244
 Element code: AMAFF02040
 Occurrence ID: 125
 Last Visited: 1992XXXX
 Last Observed: 1992XXXX
 Presence: Presumed Extant
 Trend: Unknown
 Occrank: Good
 Sensitive?: N
 Main Info: BIAS, M. ET AL 1992 (LIT)
 Occtype: Natural/Native occurrence
 Directions: MARE ISLAND NAVAL SHIPYARD, BETWEEN THE MOUTH OF CARQUINEZ STRAIT AND HWY 37, VALLEJO.
 Ownership: DOD-MARE ISLAND NR
 Threat Comments: THREATS INCLUDE FACILITIES CONSTRUCTION, AS WELL AS CONTINUED FILLING AND DUMPING.

Ecological Comments: HABITAT IS A COMBINATION OF UNDISTURBED TIDAL WETLANDS, DOMINATED BY PICKLEWEED, AND DREDGE DISPOSAL PONDS THAT HAVE BEEN RESTORED TO TIDAL INFLUENCE.

Distribution Comments: MOST OF THE SMHM HABITAT IS LOCATED ON THE WEST SHORE OF MARE ISLAND, FACING OUT INTO SAN PABLO BAY; HOWEVER, TWO SMALL ISLANDS OF HABITAT CONTAINING SMHM REMAIN ON THE EAST SIDE, FACING OUT INTO MARE ISLAND STRAIT.

General Comments: 1985-87, ~ 738 SMHM, TRAPPED IN TIDAL & NON-TIDAL WETLANDS. 1988, 84 CAPTURED, 77 ADULT, 7 JUV. 1989-91, 1427 SMHM TRAPPED DURING 20,502 TRAPNIGHTS, PART OF A STUDY/EVALUATION OF A WETLAND HABITAT IMPROVEMENT PROJECT. 967 CAPTURED 1992.

Scientific name: REITHRODONTOMYS RAVIVENTRIS
 Common name: SALT-MARSH HARVEST MOUSE

CAS0005832
CA Natural Diversity Database

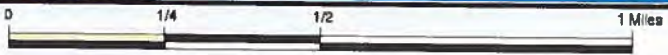
NATURAL AREAS MAP FINDINGS

Global rank: G1G2
State rank: S1S2
Federal Status: Endangered
State Status: Endangered
Special Concern?: Not Reported
CNPS Rarity: Not Reported
Redcode: Not Reported
General habitat: ONLY IN THE SALINE EMERGENT WETLANDS OF SAN FRANCISCO BAY AND ITS
TRIBUTARIES.
Micro habitat: PICKLEWEED IS PRIMARY HABITAT. DO NOT BURROW, BUILD LOOSELY
ORGANIZED NESTS. REQUIRE HIGHER AREAS FOR FLOOD ESCAPE.

Historic Sites Map



- ★ Target Property
- ◇ Historic Sites
- ▭ Streets
- ▭ Federal Historic Areas
- ▭ County Boundary
- ▭ State Historic Areas
- ▭ Waterways
- ▭ US Indian Reservations
- ▭ Water
- ▭ Scenic Trail



SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo CA 94590 LAT/LONG: 38.0806 / 122.2448	CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY #: 1792670.7s DATE: November 8, 2006
---	--

HISTORIC SITES MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

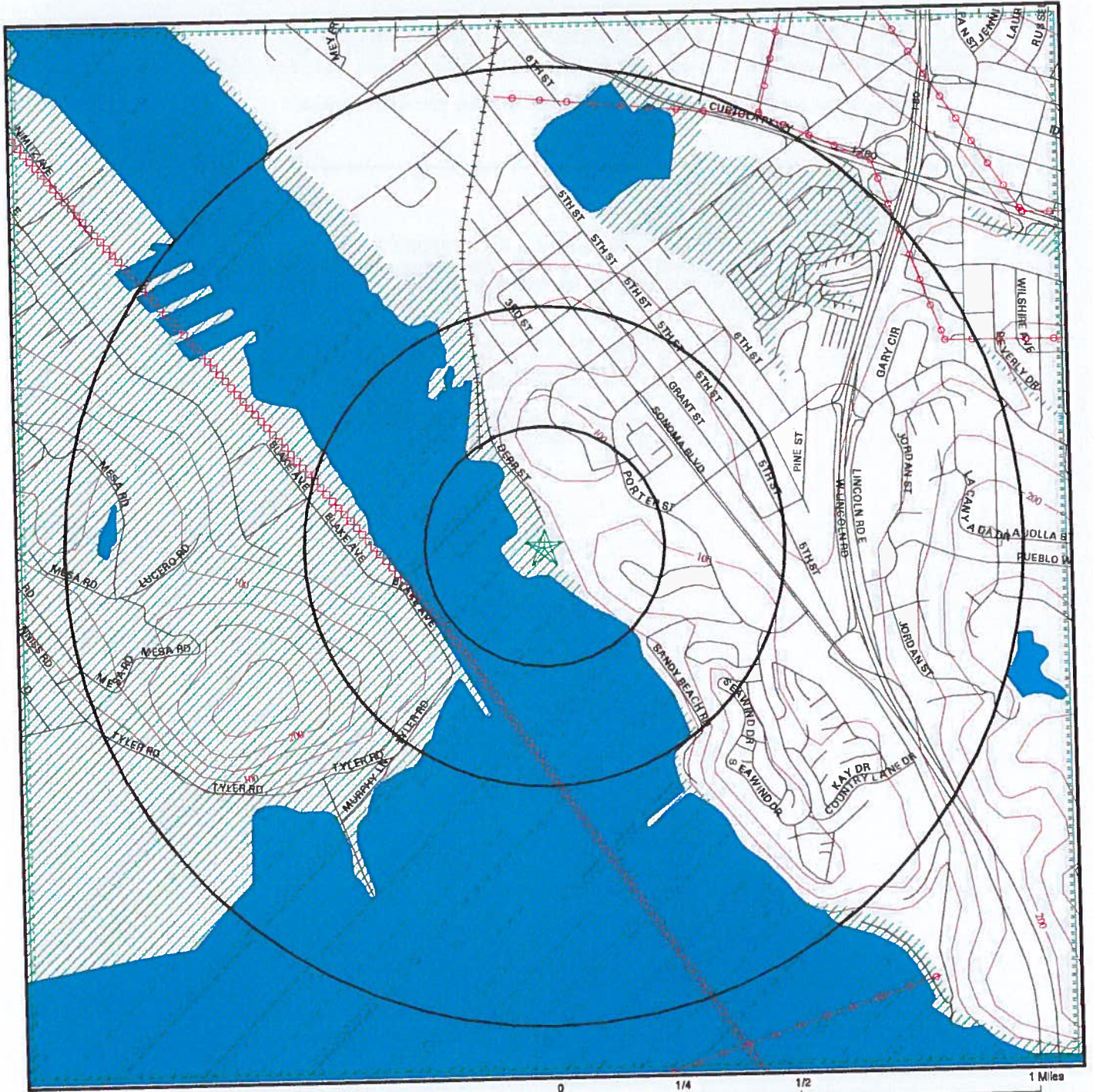
1 SW 1/8-1/4 mi 966	<p>Resource Name: Mare Island Historic District(Boundary Increase) Alternate Name: Not Reported Resource Address: Roughly bounded by Mare Island Straight, Causeway St., Cedar Ave., Mesa Rd., Ribeiro Rd., and Tyler Rd.</p> <p>Resource Type: District Location: Vallejo, CA County: Solano, CA Primary Certification: Listed in the national register Certification Date: 19970121 Acreage: 9800 Number of Buildings: 482 Number of Objects: 0 Number of Sites: 13 Num. of Structures: 20 Number of non-contributing Buildings: 156 Number of non-contributing Objects: 0 Number of non-contributing Sites: 0 Num. of non-contributing Structures: 3 Applicable Criteria: Event, Architecture/Engineering, Information Potential Areas of Significance: Military, Architecture, Engineering, Historic - non-Aboriginal Current Function: Defense, Funerary, Landscape, Domestic, Religion Building Material: Weatherboard, Brick, Stone, Metal, Stucco, Asphalt Other Names: Mare Island Naval Shipyard</p>	96001058 National Register Hist. Places
2 SW 1/8-1/4 mi 1261	<p>Resource Name: Mare Island Naval Shipyard Alternate Name: Not Reported Resource Address: Mare Island Resource Type: District Location: Vallejo, CA County: Solano, CA Primary Certification: Listed in the national register Certification Date: 19750515 Acreage: 1500 Number of Buildings: 51 Number of Objects: 0 Number of Sites: 0 Num. of Structures: 2 Number of non-contributing Buildings: 22 Number of non-contributing Objects: 0 Number of non-contributing Sites: 0 Num. of non-contributing Structures: 0 Applicable Criteria: Event Areas of Significance: Military, Invention Current Function: Defense Building Material: None listed, Wood, Brick, Slate</p>	75002103 National Register Hist. Places

UNMAPPABLE HISTORIC SITES

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

		Status EDR ID Database
Id num:	NO. 751	Unmappable
Nrhp num:	Not Reported	CA10000928
Usgs quad:	Not Reported	CA Historic Landmarks
Name:	FIRST U.S. NAVAL STATION IN THE PACIFIC	
Address:	Entrance to Mare island Naval Shipyard, main gate, SW corner of Tennessee St and Mare Island Way, Vallejo	
Address2:	Not Reported	
County:	Solano	
Desc1:	Mare Island Navy Yard was established September 16, 1854 by Commander David G. Farragut, U.S.N., on a site selected in 1852 by a commission headed by Commodore John D. Sloat, U.S.N. Mare Island had th e Navy's first shipyard, ammunition depot, hospital, Marine barracks, cemetery, chapel, and radio station in the Pacific.	

Flood Plain Map



- | | | |
|-----------------|-------------|------------------------------------|
| Major Roads | Power Lines | Water |
| Contour Lines | Pipe Lines | 100-year flood zone |
| Waterways | Fault Lines | 500-year flood zone |
| County Boundary | | Electronic FEMA data available |
| | | Electronic FEMA data not available |

SITE NAME: General Mills
 ADDRESS: 800 Derr Street
 Vallejo CA 94590
 LAT/LONG: 38.0806 / 122.2448

CLIENT: Northgate Env. Management Inc.
 CONTACT: Marta Lutsky
 INQUIRY #: 1792670.7s
 DATE: November 8, 2006

TC1792670.7s Page 15 of 34

FLOOD PLAIN MAP FINDINGS

Source: FEMA Q3 Flood Data

County

FEMA flood data electronic coverage

SOLANO, CA

YES

Flood Plain panel at target property:

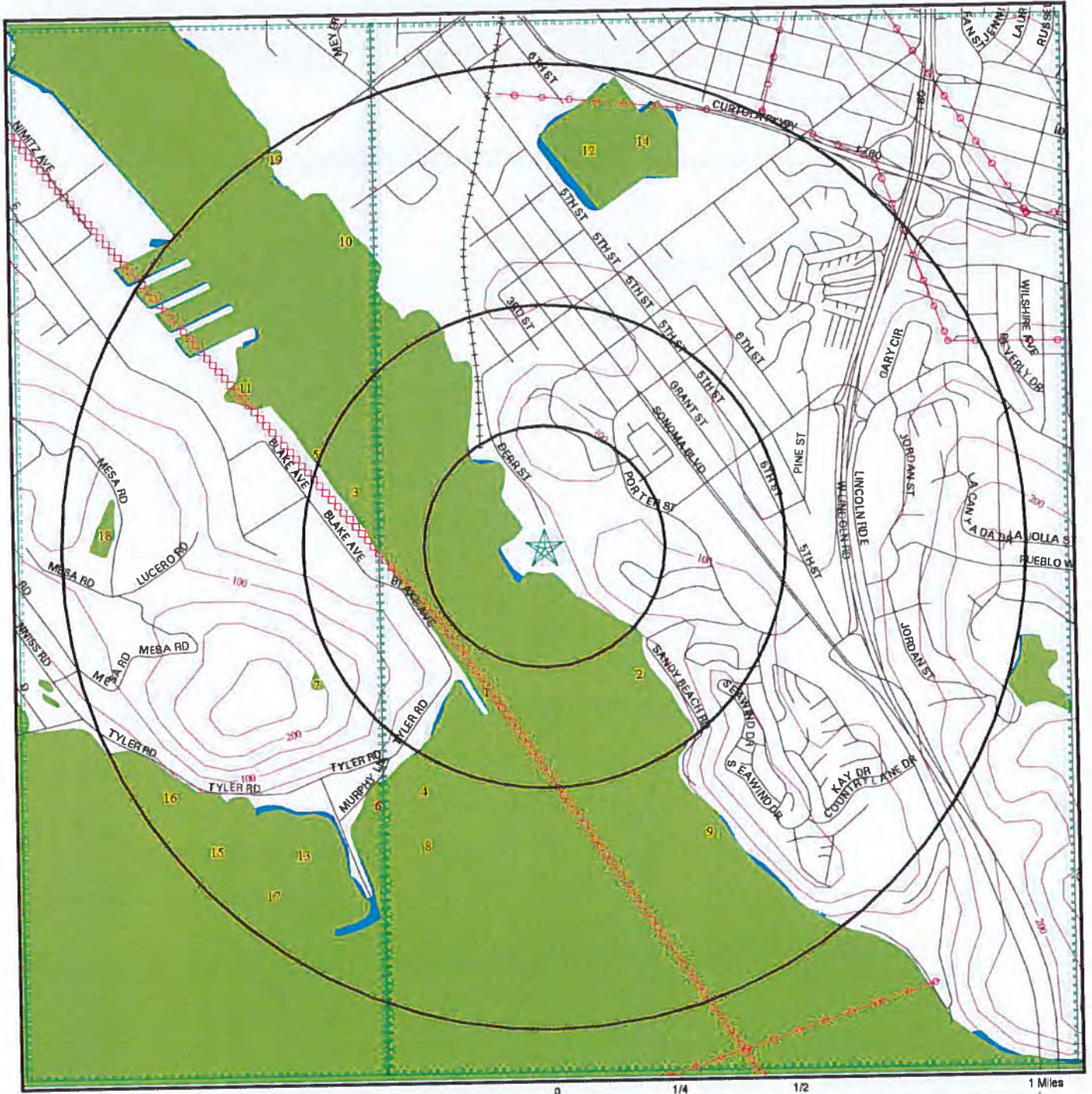
0603740010C

Additional Flood Plain panel(s) in search area:

0603740020C

0606310625B

National Wetlands Inventory Map



- | | | |
|-----------------|-------------|-----------------------------------|
| Major Roads | Power Lines | Water |
| Contour Lines | Pipe Lines | National Wetland Inventory |
| Waterways | Fault Lines | Electronic NWI data available |
| County Boundary | | Electronic NWI data not available |

SITE NAME: General Mills
 ADDRESS: 800 Derr Street
 Vallejo CA 94590
 LAT/LONG: 38.0806 / 122.2448

CLIENT: Northgate Env. Management Inc.
 CONTACT: Marta Lutsky
 INQUIRY #: 1792670.7s
 DATE: November 8, 2006

TC1792670.7s Page 17 of 34

WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Benicia
 Additional NWI hardcopy map(s) in search area:
 Mare Island

Map ID	Direction	Distance	Distance (ft.)	Code and Description*	Database
1	South	0-1/8 mi	291	E1UBL [E] Estuarine, [1] Subtidal, [UB] Unconsolidated Bottom, [L] Subtidal	NWI
2	SSE	0-1/8 mi	642	E2USM [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [M] Irregularly Exposed	NWI
3	WSW	1/8-1/4 mi	1285	E2USN [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [N] Regularly Flooded	NWI
4	SSW	1/4-1/2 mi	1748	E2USN [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [N] Regularly Flooded	NWI
5	West	1/4-1/2 mi	1952	E2EMN [E] Estuarine, [2] Intertidal, [EM] Emergent, [N] Regularly Flooded	NWI
6	SSW	1/4-1/2 mi	2215	E2EMP [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded	NWI
7	WSW	1/2-1 mi	2846	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded	NWI
8	SSW	1/2-1 mi	2928	E2USM [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [M] Irregularly Exposed	NWI
9	SSE	1/2-1 mi	3129	E2USM [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [M] Irregularly Exposed	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
10 NNW 1/2-1 mi 3353	E2EMP [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded	NWI
11 WNW 1/2-1 mi 3374	E2EMP [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded	NWI
12 North 1/2-1 mi 3720	PEMCx [P] Palustrine, [EM] Emergent, [C] Seasonally Flooded, [x] Excavated	NWI
13 SW 1/2-1 mi 3788	E2USN [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [N] Regularly Flooded	NWI
14 NNE 1/2-1 mi 4025	PEMFx [P] Palustrine, [EM] Emergent, [F] Semipermanently Flooded, [x] Excavated	NWI
15 SW 1/2-1 mi 4254	PUSCh [P] Palustrine, [US] Unconsolidated Shore, [C] Seasonally Flooded, [h] Diked/Impounded	NWI
16 SW 1/2-1 mi 4452	PEMCh [P] Palustrine, [EM] Emergent, [C] Seasonally Flooded, [h] Diked/Impounded	NWI
17 SSW 1/2-1 mi 4525	E2USM [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [M] Irregularly Exposed	NWI
18 West 1/2-1 mi 4703	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded	NWI
19 NNW 1/2-1 mi 5103	E2EMP [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded	NWI

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM

MARINE

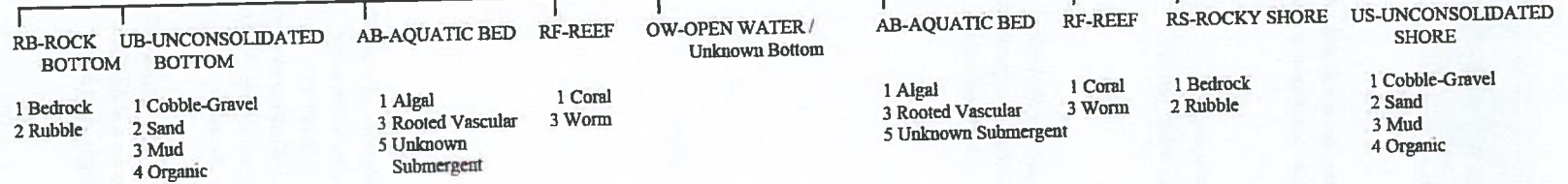
SUBSYSTEM

1 - SUBTIDAL

2 - INTERTIDAL

CLASS

Subclass



SYSTEM

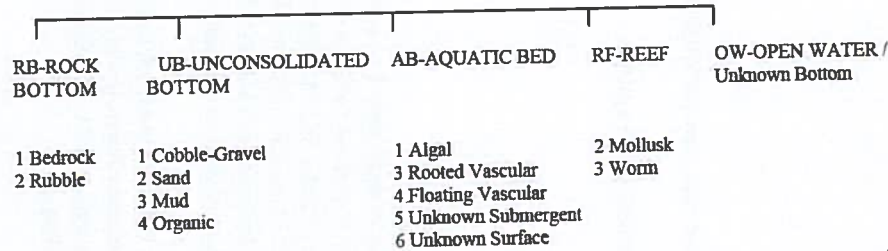
E - ESTUARINE

SUBSYSTEM

1 - SUBTIDAL

CLASS

Subclass

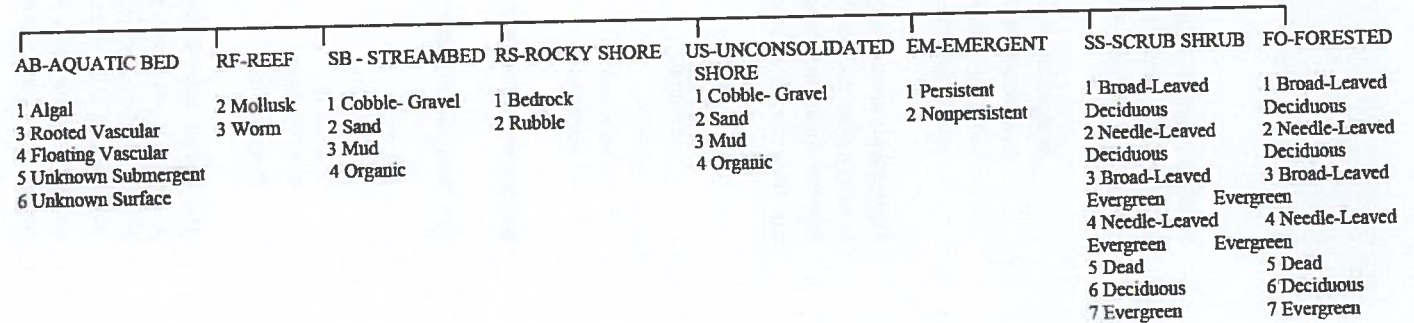


SUBSYSTEM

2 - INTERTIDAL

CLASS

Subclass



SYSTEM

R - RIVERINE

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL			
CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	*SB-STREAMBED	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	**EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
 **EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM

L - LACUSTRINE

SUBSYSTEM

1 - LIMNETIC

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

SUBSYSTEM

2 - LITTORAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

SUBSYSTEM

P - PALUSTRINE

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US-UNCONSOLIDATED SHORE	ML-MOSS-LICHEN	EM-EMERGENT	SS-SCRUB-SHRUB	FO-FORESTED	OW-OPEN WATER/Unknown
Bottom									
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	

MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.










WATER REGIME				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal	Inland	Salinity	pH	Modifiers		
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal	1 Hyperhaline	7 Hypersaline	all Fresh Water	g Organic	b Beaver
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal	2 Euhaline	8 Eusaline	a Acid	n Mineral	d Partially Drained/Ditched
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal	3 Mixohaline (Brackish)	9 Mixosaline	t Circumneutral		f Farmed
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal	4 Polyhaline	0 Fresh	i Alkaline		h Diked/Impounded
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown	5 Mesohaline				r Artificial Substrate
F Semipermanently Flooded	Z Intermittently Exposed/Permanent	*These water regimes are only used in tidally influenced, freshwater systems.			6 Oligohaline			s Spoil
G Intermittently Exposed	U Unknown			0 Fresh				x Excavated

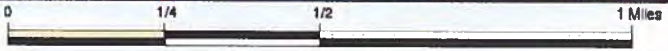
TC1792670.7s Page 23 of 34

Source: U.S. Department of the Interior
Fish and Wildlife Service
National Wetlands Inventory

FCC & FAA Sites Map



-  Streets
-  Contour Lines
-  County Boundary
-  Waterways
-  Power Lines
-  Water
-  Sites
-  Omni Directional AM Interference
-  Directional AM Interference



<p>SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo CA 94590 LAT/LONG: 38.0806 / 122.2448</p>	<p>CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY #: 1792670.7s DATE: November 8, 2006</p>
--	---

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

Map ID Direction Distance Distance (ft.)		EDR ID Database
1 NW 1/4-1/2 mi 1908	Unique ID: 50756 City: VALLEJO Verification Status: verified Latitude: 38 05 04N Frequency: Not Reported Above Ground Level Height (Ft.): Above Mean Sea Level Height (Ft.): Horizontal Accuracy: +-100' Painted/Marked: Not Reported	DOF000000015771 FAA DOF Obstruction #: 0756 State: California Obstruction Type: T-L TWR Longitude: 122 14 54W Type of Lighting: Not Reported 0350 Vertical Accuracy: +-20' FAA Study #: Flight Check
2 WNW 1/2-1 mi 2852	Unique ID: 51707 City: VALLEJO Verification Status: unverified Latitude: 38 05 05N Frequency: Not Reported Above Ground Level Height (Ft.): Above Mean Sea Level Height (Ft.): Horizontal Accuracy: Not Reported Painted/Marked: Not Reported	DOF000000016609 FAA DOF Obstruction #: 1707 State: California Obstruction Type: CATENARY Longitude: 122 15 05W Type of Lighting: Not Reported 0300 Vertical Accuracy: Not Reported FAA Study #: Stereoplot
3 WNW 1/2-1 mi 3510	Unique ID: 50755 City: VALLEJO Verification Status: verified Latitude: 38 05 07N Frequency: Not Reported Above Ground Level Height (Ft.): Above Mean Sea Level Height (Ft.): Horizontal Accuracy: +-100' Painted/Marked: Not Reported	DOF000000015770 FAA DOF Obstruction #: 0755 State: California Obstruction Type: T-L TWR Longitude: 122 15 16W Type of Lighting: Not Reported 0300 Vertical Accuracy: +-20' FAA Study #: Flight Check

**FCC & FAA SITES MAP FINDINGS
AIRPORTS**

**EDR ID
Database**

No Sites Reported

FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID
Database

POW0007422
POWERLINES

<p>Msid: MSX1015077- 1 Range: 1 Type: AC Corridor: Y Own_name: PG and E Corporation Ownr_flg: S Physaddress: 77 Beale St. Physstate: California Mailaddress: PO Box 770000 Mailstate: California Phone: 415-973-7000 Webpage: www.pge.com</p>	<p>Voltage: 110 Hi_range: 161 Status: AC Ownr_id: PGECRP Opr_id: PGE Coname: Pacific Gas and Electric Co. Physcity: San Francisco Physlpost: 94177 Mailcity: San Francisco Mailpostal: 94177 Fax: Not Reported</p>
---	--

POW0007423
POWERLINES

<p>Msid: MSX1015078- 1 Range: 1 Type: AC Corridor: Y Own_name: PG and E Corporation Ownr_flg: S Physaddress: 77 Beale St. Physstate: California Mailaddress: PO Box 770000 Mailstate: California Phone: 415-973-7000 Webpage: www.pge.com</p>	<p>Voltage: 110 Hi_range: 161 Status: AC Ownr_id: PGECRP Opr_id: PGE Coname: Pacific Gas and Electric Co. Physcity: San Francisco Physlpost: 94177 Mailcity: San Francisco Mailpostal: 94177 Fax: Not Reported</p>
---	--

POW0008550
POWERLINES

<p>Msid: MSX1013774- 1 Range: 1 Type: AC Corridor: N Own_name: PG and E Corporation Ownr_flg: S Physaddress: 77 Beale St. Physstate: California Mailaddress: PO Box 770000 Mailstate: California Phone: 415-973-7000 Webpage: www.pge.com</p>	<p>Voltage: 110 Hi_range: 161 Status: AC Ownr_id: PGECRP Opr_id: PGE Coname: Pacific Gas and Electric Co. Physcity: San Francisco Physlpost: 94177 Mailcity: San Francisco Mailpostal: 94177 Fax: Not Reported</p>
---	--

FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID
Database

POW0008739
POWERLINES

Msid:	MSX1014009- 1	Voltage:	110
Rangeflg:	1	Hi_range:	181
Type:	AC	Status:	AC
Corridor:	N	Ownr_id:	PGECRP
Own_name:	PG and E Corporation	Opr_id:	PGE
Ownr_flg:	S	Coname:	Pacific Gas and Electric Co.
Physaddress:	77 Beale St.	Phycity:	San Francisco
Physstate:	California	Physlposta:	94177
Mailaddress:	PO Box 770000	Mailcity:	San Francisco
Mailstate:	California	Mailpostal:	94177
Phone:	415-973-7000	Fax:	Not Reported
Webpage:	www.pge.com		

POW0008738
POWERLINES

Msid:	MSX1014008- 1	Voltage:	110
Rangeflg:	1	Hi_range:	181
Type:	AC	Status:	AC
Corridor:	N	Ownr_id:	PGECRP
Own_name:	PG and E Corporation	Opr_id:	PGE
Ownr_flg:	S	Coname:	Pacific Gas and Electric Co.
Physaddress:	77 Beale St.	Phycity:	San Francisco
Physstate:	California	Physlposta:	94177
Mailaddress:	PO Box 770000	Mailcity:	San Francisco
Mailstate:	California	Mailpostal:	94177
Phone:	415-973-7000	Fax:	Not Reported
Webpage:	www.pge.com		

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

NATURAL AREAS

Officially designated wilderness areas

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2004

Federal Contacts for Additional Information

National Park Service, Pacific West Region
600 Harrison Street, Suite 600
San Francisco, CA 94107
415-427-1300

USDA Forest Service, Pacific Southwest
630 Sansome Street
San Francisco, CA 94111
415-705-2557

BLM - California State Office
2800 Cottage Way, Room W-1834
Sacramento, CA 95825-1886
916-978-4400

Fish & Wildlife Service, Region 1
Eastside Federal Complex 911 NE 11th Avenue
Portland, OR 97232-4181
503-231-6188

Officially designated wildlife preserves, sanctuaries and refuges

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2004

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 1
Eastside Federal Complex 911 NE 11th Avenue
Portland, OR 97232-4181
503-231-6188

State Contacts for Additional Information

Department of Fish & Game 916-653-7667

Wild and scenic rivers

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2004

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 1
Eastside Federal Complex 911 NE 11th Avenue
Portland, OR 97232-4181
503-231-6188

Endangered Species

Government Records Searched in This Report

Endangered Species Protection Program Database

A listing of endangered species by county.

Source: Environmental Protection Agency

Telephone: 703-305-5239

CA Endangered Species: Natural Diversity Database

Source: Dept. of Fish and Game.

Telephone: 916-324-3812

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 1
Eastside Federal Complex 911 NE 11th Avenue
Portland, OR 97232-4181
503-231-6188

State Contacts for Additional Information

Natural Heritage Program, Dept. of Fish & Game 916-322-2493

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES

Historic Places

Government Records Searched in This Report

National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.

The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/23/2008

CA Historic Landmarks: CA Historical Landmarks
Source: Office of Historic Preservation.
Telephone: 916-653-8624

Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation
1849 C Street NW
Washington, DC 20240
Phone: (202) 208-6843

State Contacts for Additional Information

Office of Historic Preservation, Ept. Of Parks & Recreation 916-653-8624

Indian Religious Sites

Government Records Searched in This Report

Indian Reservations:

This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.

Source: USGS

Phone: 888-275-8747

Date of Government Version: 10/01/2003

Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs
Office of Public Affairs
1849 C Street, NW
Washington, DC 20240-0001
Office: 202-208-3711
Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers
1411 K Street NW, Suite 700
Washington, DC 20005
Phone: 202-628-8476
Fax: 202-628-2241

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:
<http://www.doi.gov/bia/areas/agency.html>

Phoenix Area Office, Bureau of Indian Affairs
One North First Street P.O. Box 10
Phoenix, AZ 85001
602-379-6800

Sacramento Area Office, Bureau of Indian Affairs
2800 Cottage Way
Sacramento, CA 95825
916-979-2600

Cultural Division, Yuork Tribe
1034 6th Street
Eureka, CA 95501

Scenic Trails

State Contacts for Additional Information

Pacific Crest Trail Association
5325 Elkhorn Boulevard, #256
Sacramento, California 95842
916-349-2109

FLOOD PLAIN, WETLANDS AND COASTAL ZONE

Flood Plain Management

Government Records Searched in This Report

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information

Office of Emergency Services 916-262-1843

Wetlands Protection

Government Records Searched in This Report

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information

Department of Fish & Game 916-653-7667

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Coastal Zone Management

Government Records Searched in This Report

CAMA Management Areas

Dept. of Env., Health & Natural Resources
919-733-2293

Federal Contacts for Additional Information

Office of Ocean and Coastal Resource Management

N/ORM, SSMC4
1305 East-West Highway
Silver Spring, Maryland 20910
301-713-3102

State Contacts for Additional Information

California Coastal Commission 415-904-5200

FCC & FAA SITES MAP

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

Government Records Searched in This Report

Cellular

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

Portions copyright (C) 1999 Percon Corporation. All rights reserved.

Tower

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

Portions copyright (C) 1999 Percon Corporation. All rights reserved.

Antenna Registration

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

Portions copyright (C) 1999 Percon Corporation. All rights reserved.

AM Tower

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

FAA Digital Obstacle File

National Oceanic and Atmospheric Administration

Telephone: 301-436-8301

Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

Airport Landing Facilities

Federal Aviation Administration

Telephone (800) 457-8656

Private and public use landing facilities.

Electric Power Transmission Line Data

PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Excessive Radio Frequency Emission

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

Federal Contacts for Additional Information

Office of Engineering and Technology

Federal Communications Commission

445 12th Street SW

Washington, DC 20554

Phone: 202-418-2470

OTHER CONTACT SOURCES

NEPA Single Point of Contact

State Contacts for Additional Information

Grants Coordination

State Clearinghouse

P.O. Box 3044

Room 222

Sacramento, CA 95812-3044

916-445-0613

STREET AND ADDRESS INFORMATION

(c) 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX D
ENVIRONMENTAL DATA RESOURCES, INC. - AERIAL PHOTOGRAPHS

The EDR Aerial Photo Decade Package

**General Mills
800 Derr Street
Vallejo, CA 94590**

Inquiry Number: 1792670.5

November 08, 2006



**EDR® Environmental
Data Resources Inc**

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

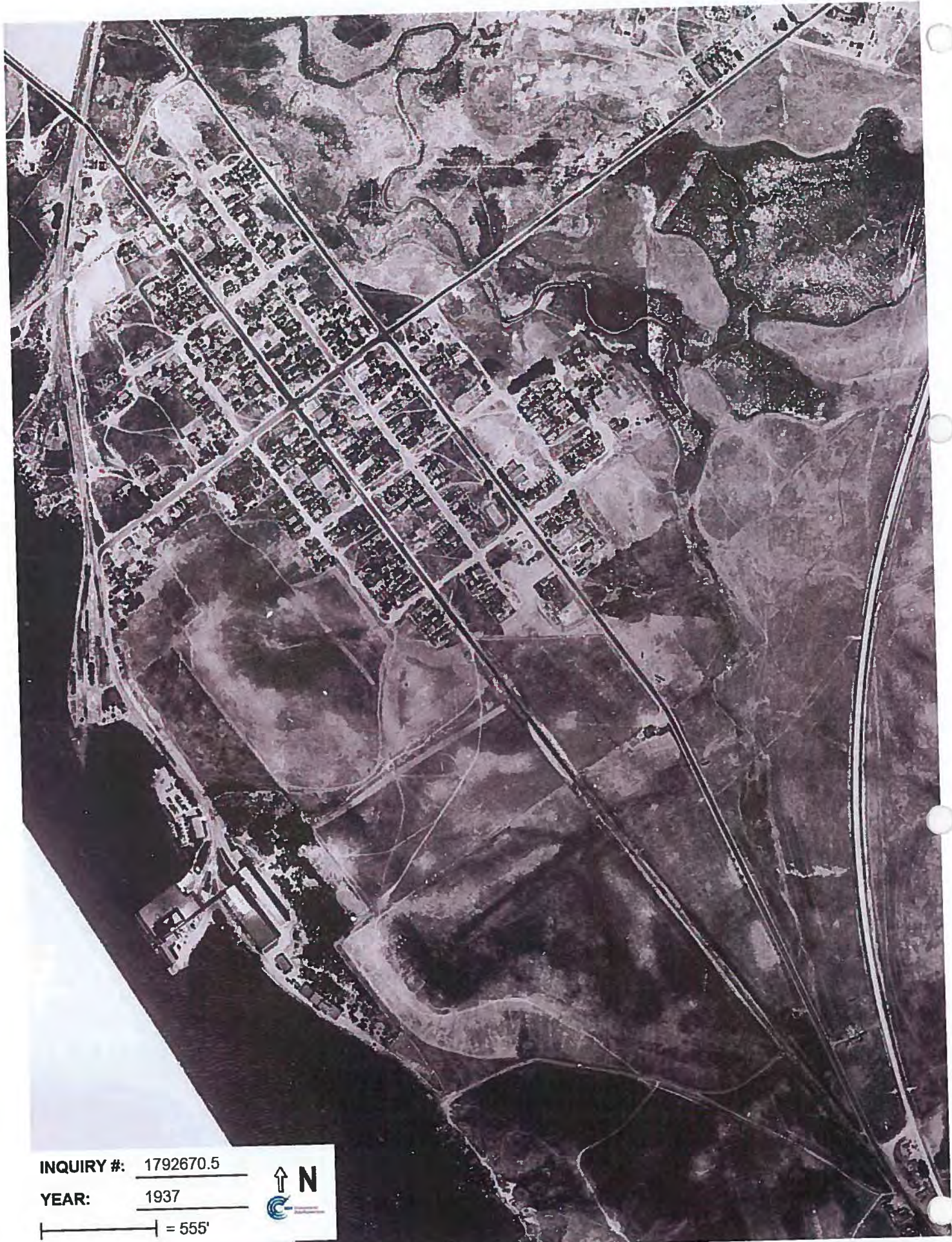
Aerial Photography November 08, 2006

Target Property:

800 Derr Street

Vallejo, CA 94590

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1937	Aerial Photograph. Scale: 1"=555'	Flight Year: 1937 Best Copy Available from original source	Laval
1957	Aerial Photograph. Scale: 1"=555'	Flight Year: 1957	Cartwright
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1970	Aerial Photograph. Scale: 1"=555'	Flight Year: 1970	Cartwright
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	WSA
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS



INQUIRY #: 1792670.5

YEAR: 1937

— = 555'





INQUIRY #: 1792670.5

YEAR: 1957

| = 555'





INQUIRY #: 1792670.5

YEAR: 1965

| = 333'



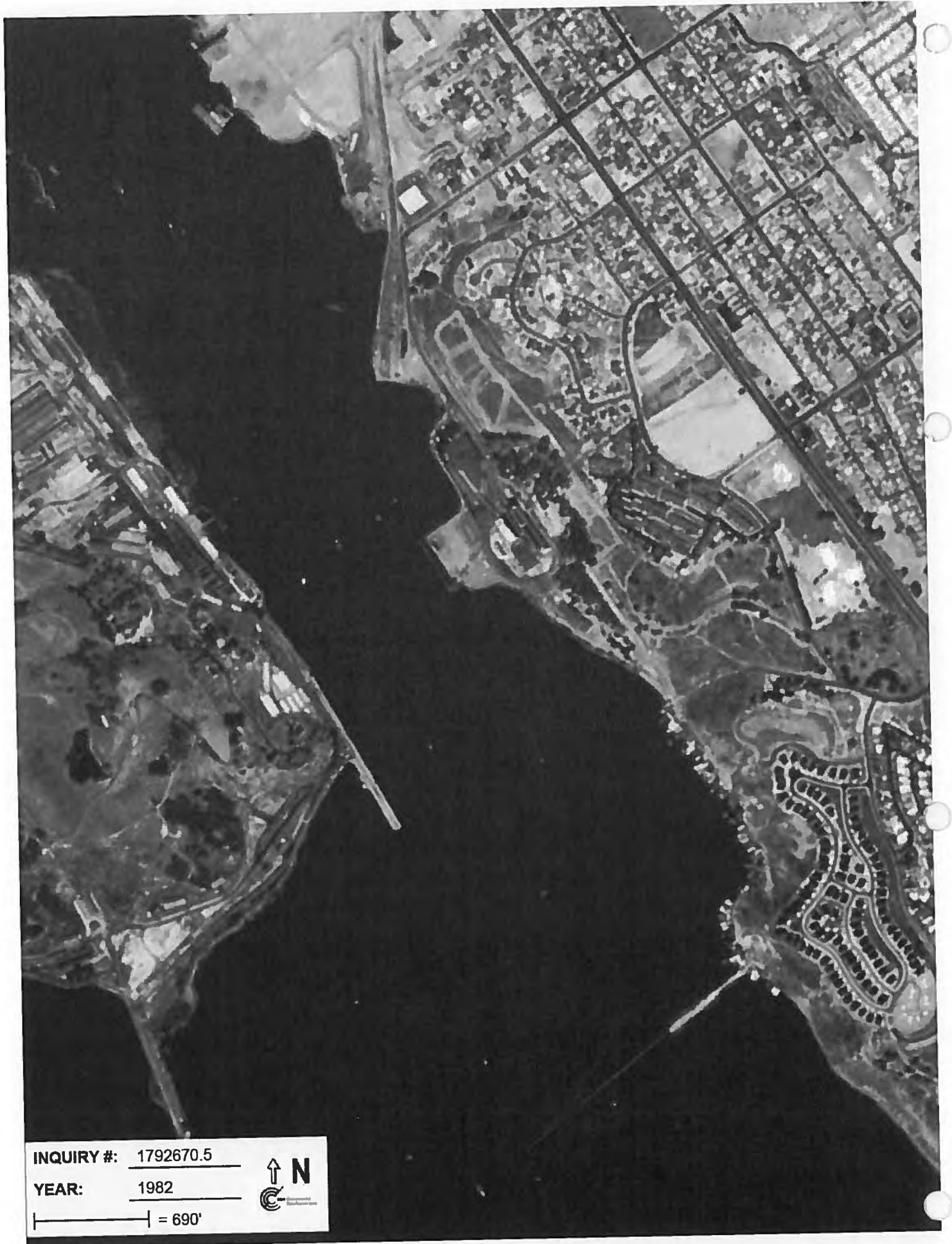


INQUIRY #: 1792670.5

YEAR: 1970

| = 555'





INQUIRY #: 1792670.5

YEAR: 1982

| = 690'





INQUIRY #: 1792670.5

YEAR: 1993

| = 666'





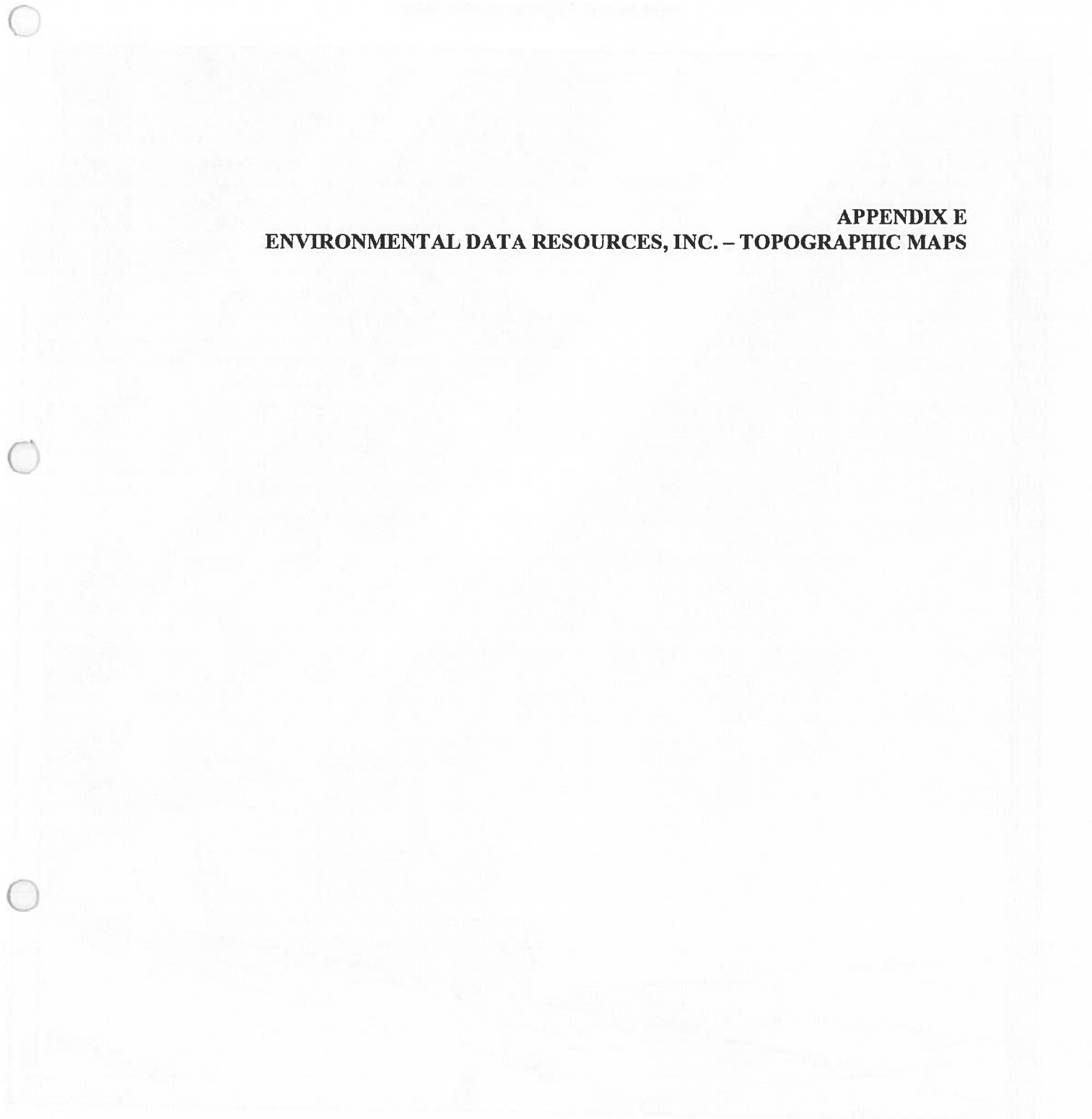
INQUIRY #: 1792670.5

YEAR: 1998

| = 666'

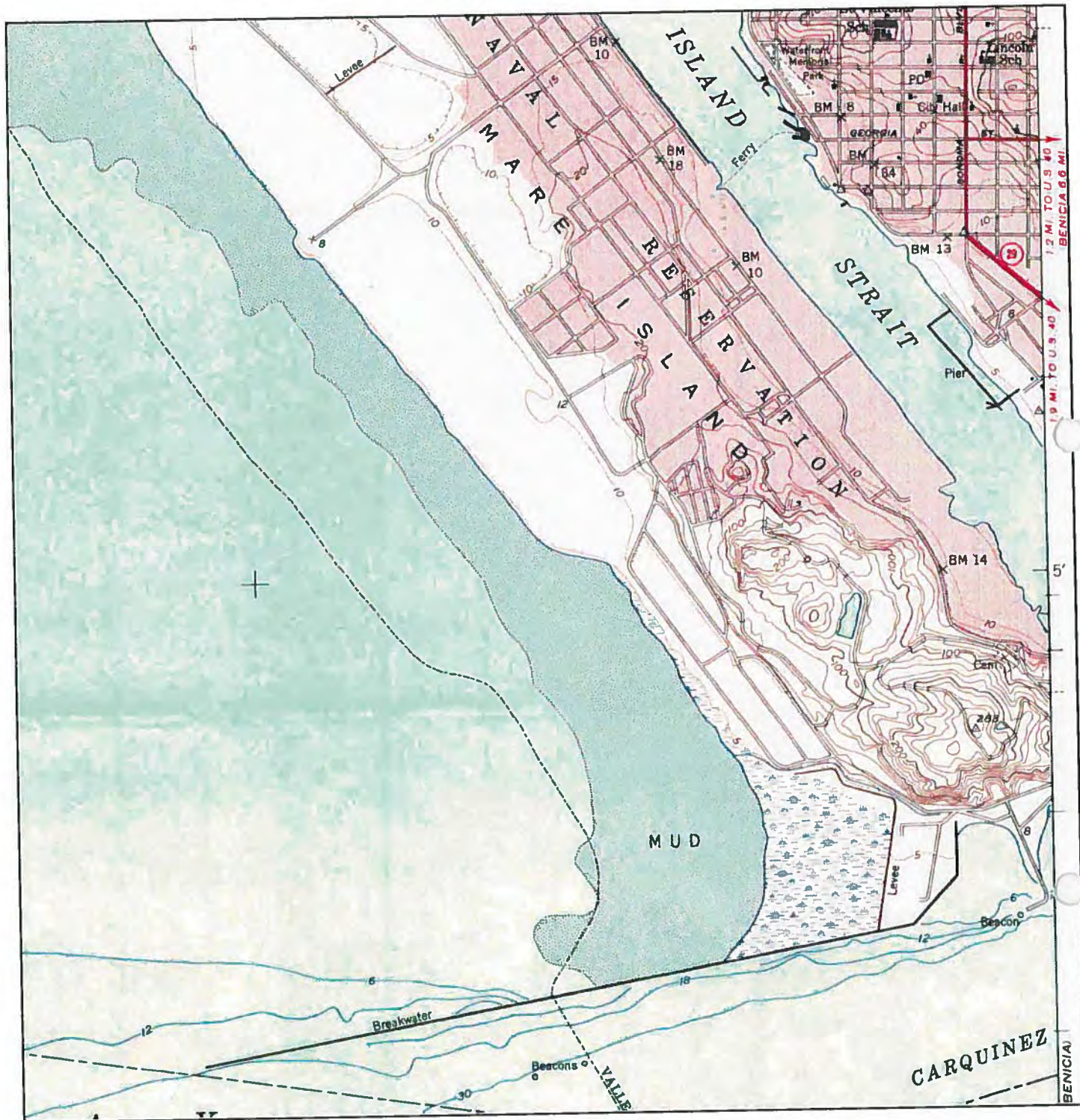


APPENDIX E
ENVIRONMENTAL DATA RESOURCES, INC. – TOPOGRAPHIC MAPS



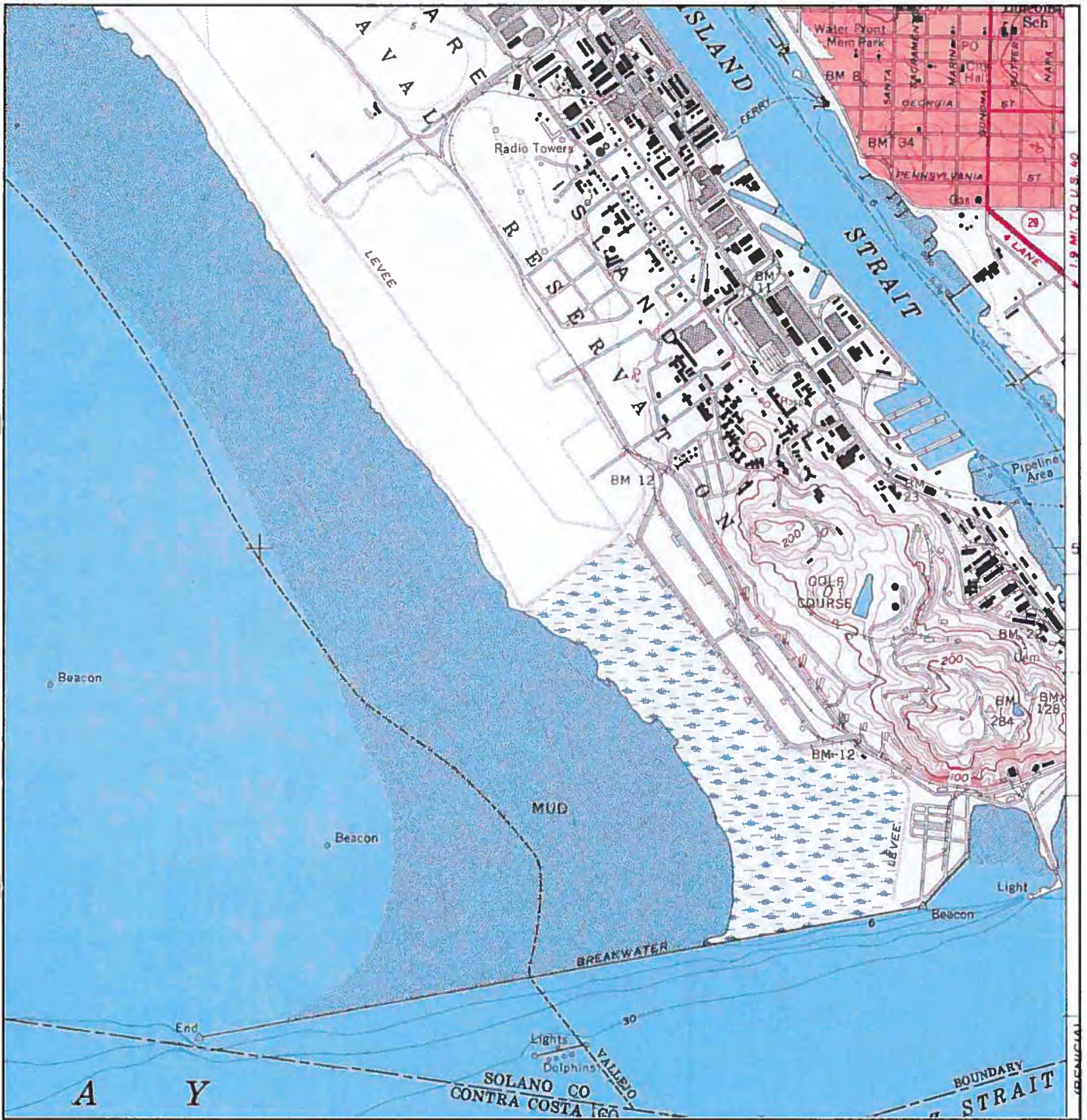
Map Title	Scale	Projection	Source	Year
[Faint Title]	[Faint Scale]	[Faint Projection]	[Faint Source]	[Faint Year]
[Faint Title]	[Faint Scale]	[Faint Projection]	[Faint Source]	[Faint Year]
[Faint Title]	[Faint Scale]	[Faint Projection]	[Faint Source]	[Faint Year]

Historical Topographic Map



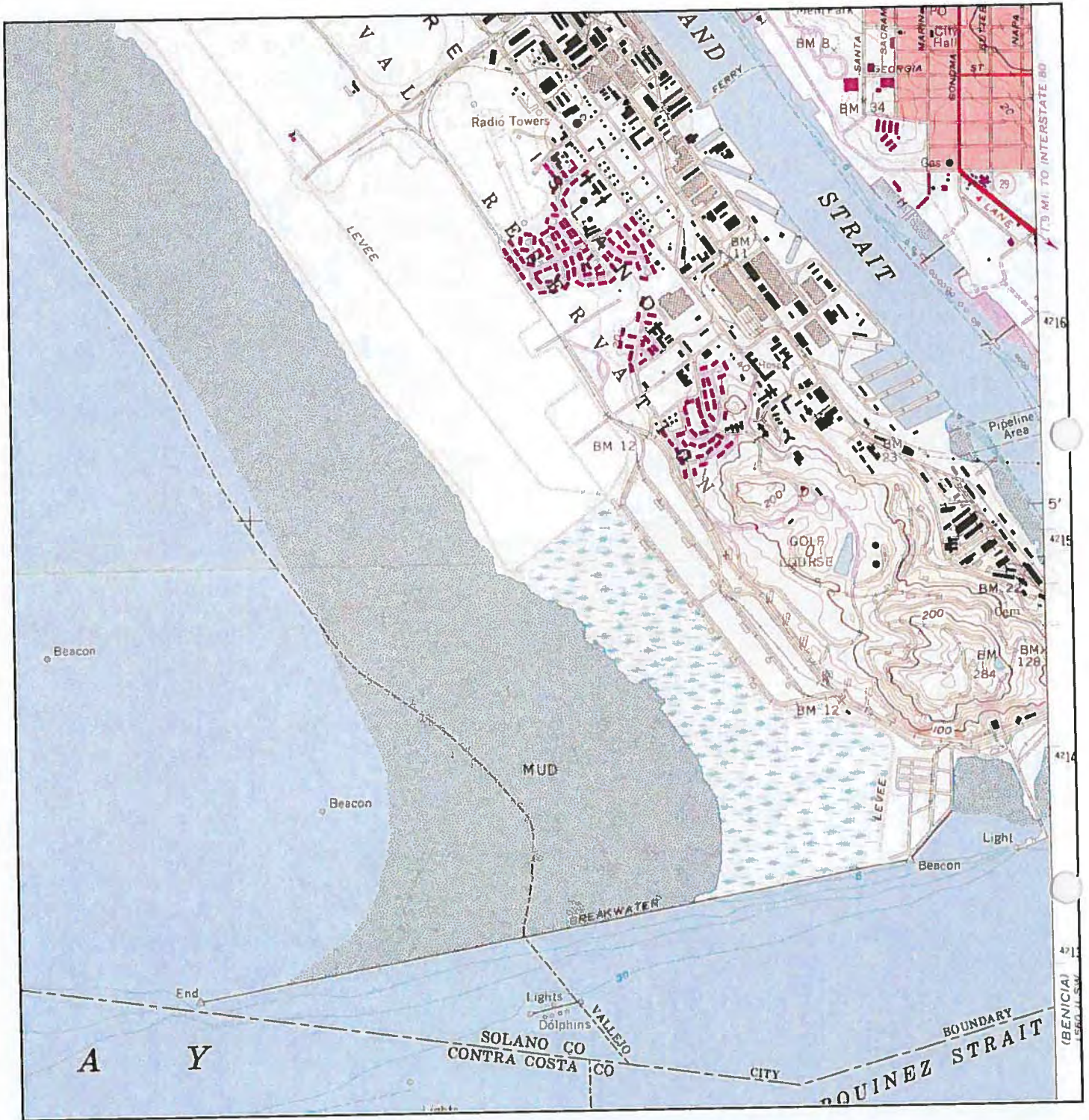
N	ADJOINING QUAD NAME: MARE ISLAND MAP YEAR: 1949	SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo, CA 94590 LAT/LONG: 38.0806 / 122.2448	CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY#: 1792670.4 RESEARCH DATE: 11/08/2006
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



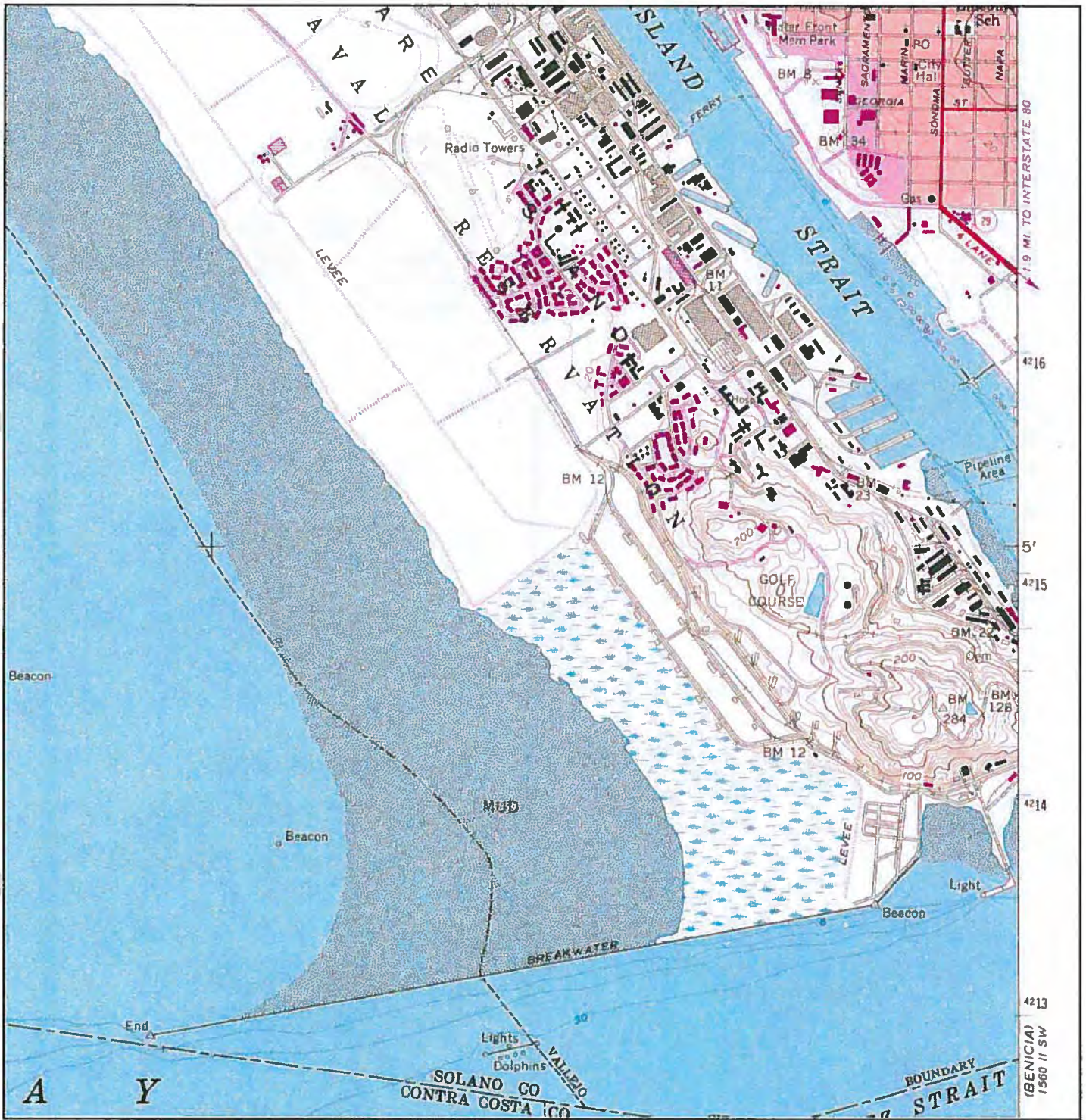
<p>N</p> <p>●</p>	<p>ADJOINING QUAD NAME: MARE ISLAND</p> <p>MAP YEAR: 1959</p>	<p>SITE NAME: General Mills</p> <p>ADDRESS: 800 Derr Street Vallejo, CA 94590</p> <p>LAT/LONG: 38.0806 / 122.2448</p>	<p>CLIENT: Northgate Env. Management Inc.</p> <p>CONTACT: Marta Lutsky</p> <p>INQUIRY#: 1792670.4</p> <p>RESEARCH DATE: 11/08/2006</p>
	<p>SERIES: 7.5</p> <p>SCALE: 1:24000</p>		

Historical Topographic Map



<p>N</p>	<p>ADJOINING QUAD NAME: MARE ISLAND MAP YEAR: 1968 PHOTOREVISED FROM: 1959 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo, CA 94590 LAT/LONG: 38.0806 / 122.2448</p>	<p>CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY#: 1792870.4 RESEARCH DATE: 11/08/2006</p>
-----------------	---	---	---

Historical Topographic Map



N ●	ADJOINING QUAD	SITE NAME:	General Mills	CLIENT:	Northgate Env. Management Inc.	
	NAME:	MARE ISLAND	ADDRESS:	800 Derr Street	CONTACT:	Marta Lutsky
	MAP YEAR:	1980		Vallejo, CA 94590	INQUIRY#:	1792670.4
	PHOTOREVISED FROM:	1959	LAT/LONG:	38.0806 / 122.2448	RESEARCH DATE:	11/08/2006
	SERIES:	7.5				
	SCALE:	1:24000				

EDR Historical Topographic Map Report

**General Mills
800 Derr Street
Vallejo, CA 94590**

Inquiry Number: 1792670.4

November 08, 2006



**EDR® Environmental
Data Resources Inc**

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Rd
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

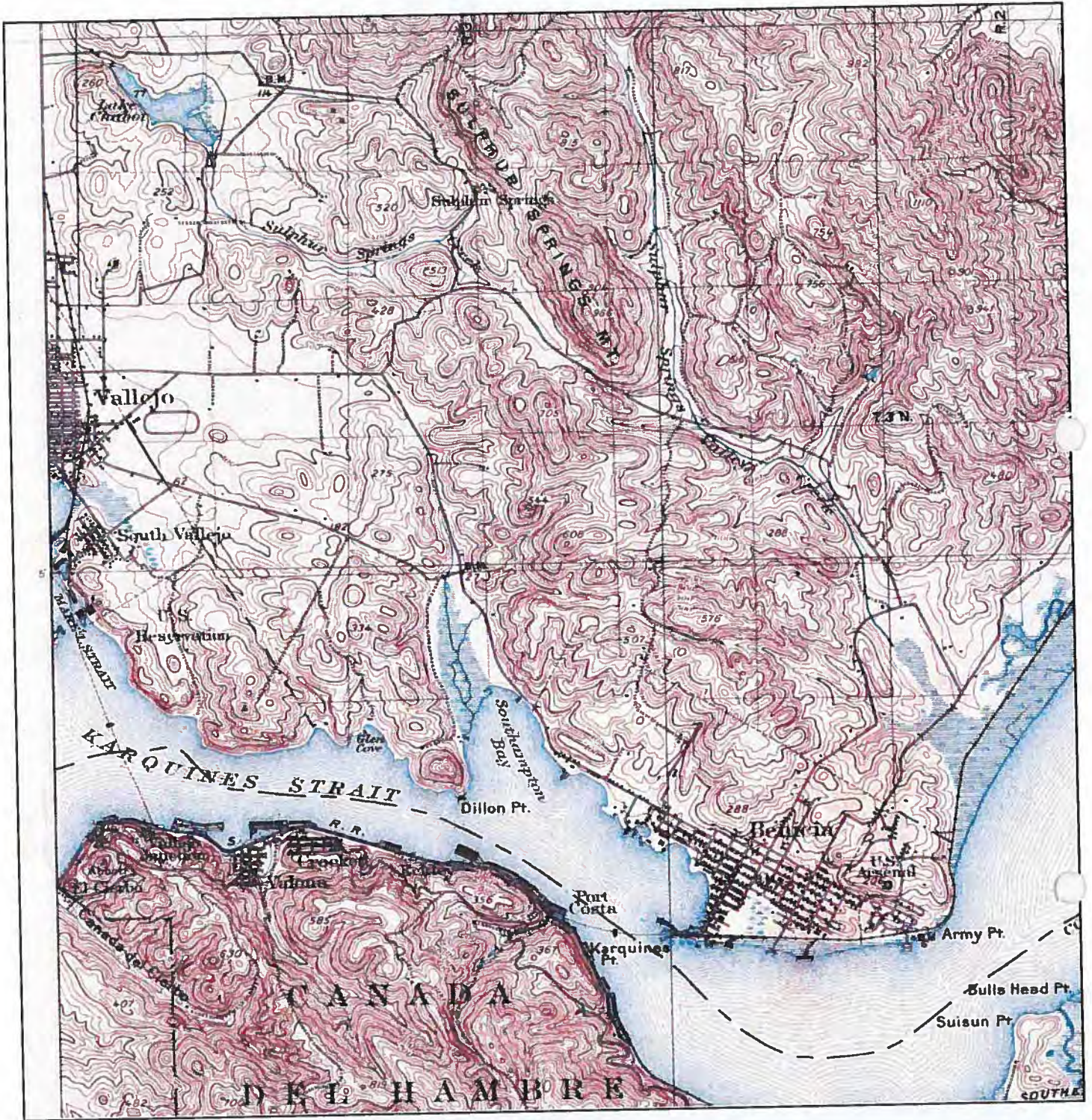
Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

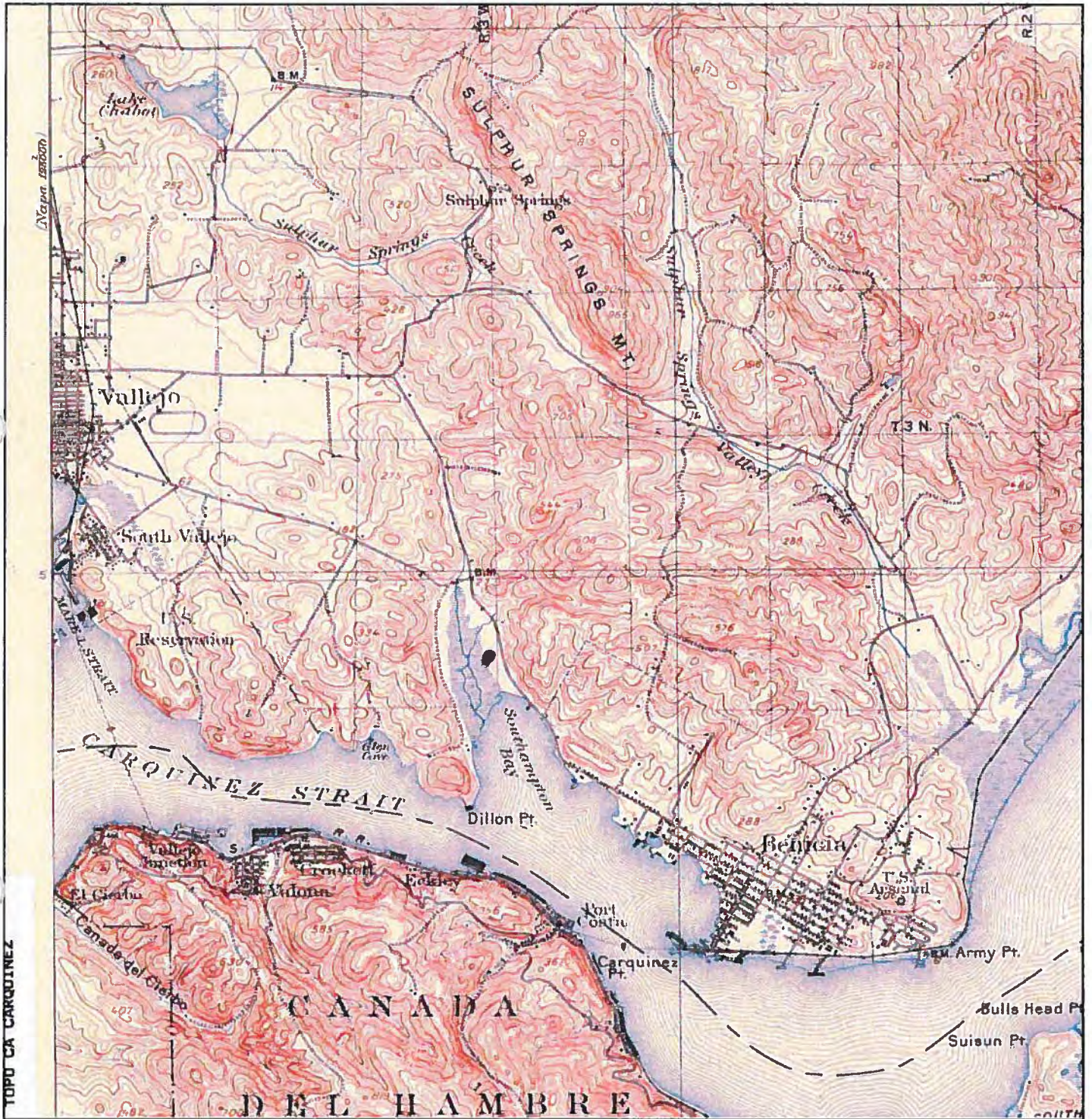
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Historical Topographic Map



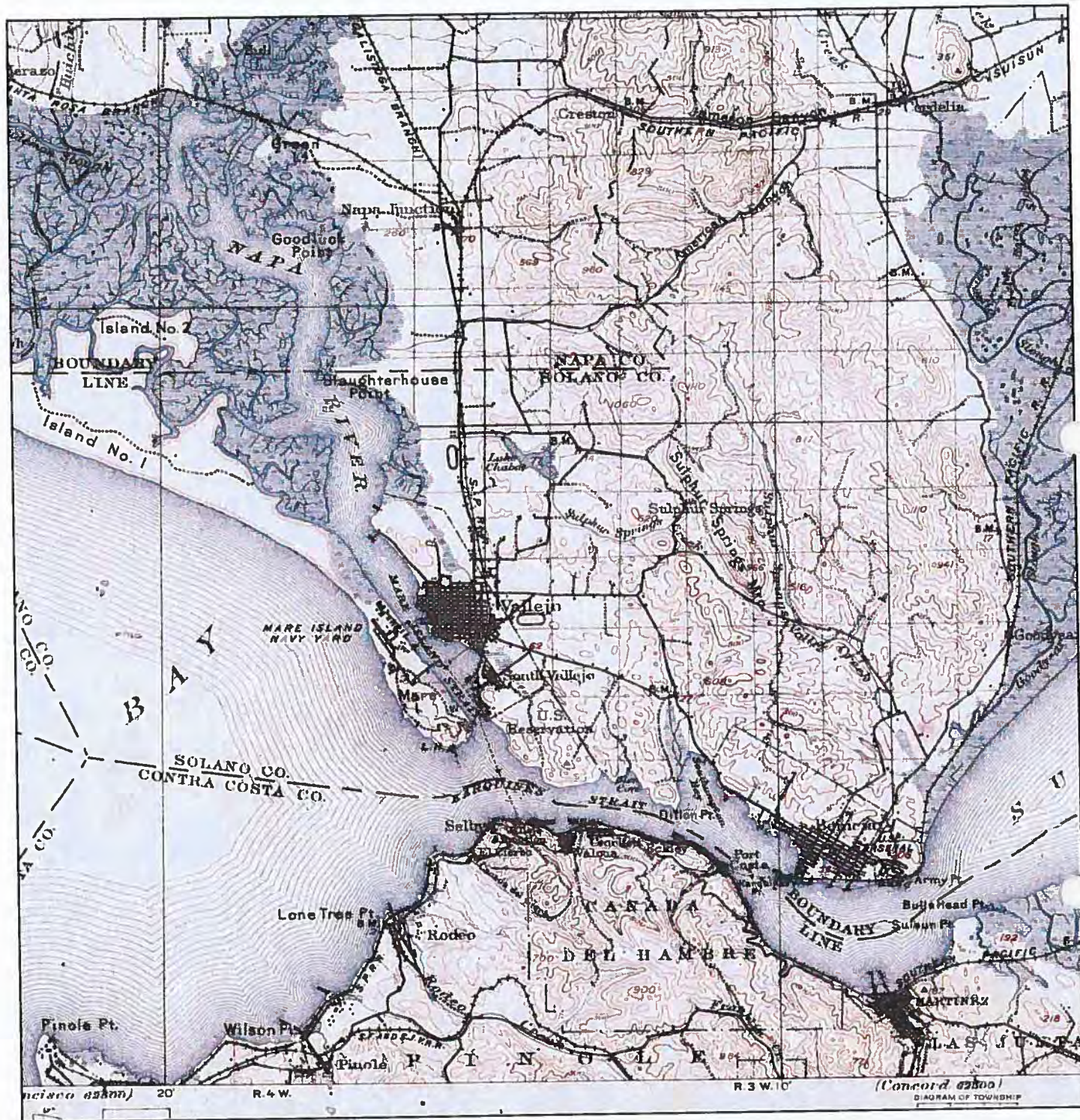
N	TARGET QUAD NAME: KARQUINES MAP YEAR: 1898	SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo, CA 94590 LAT/LONG: 38.0806 / 122.2448	CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY#: 1792670.4 RESEARCH DATE: 11/08/2006
	●	SERIES: 15 SCALE: 1:62500	

Historical Topographic Map



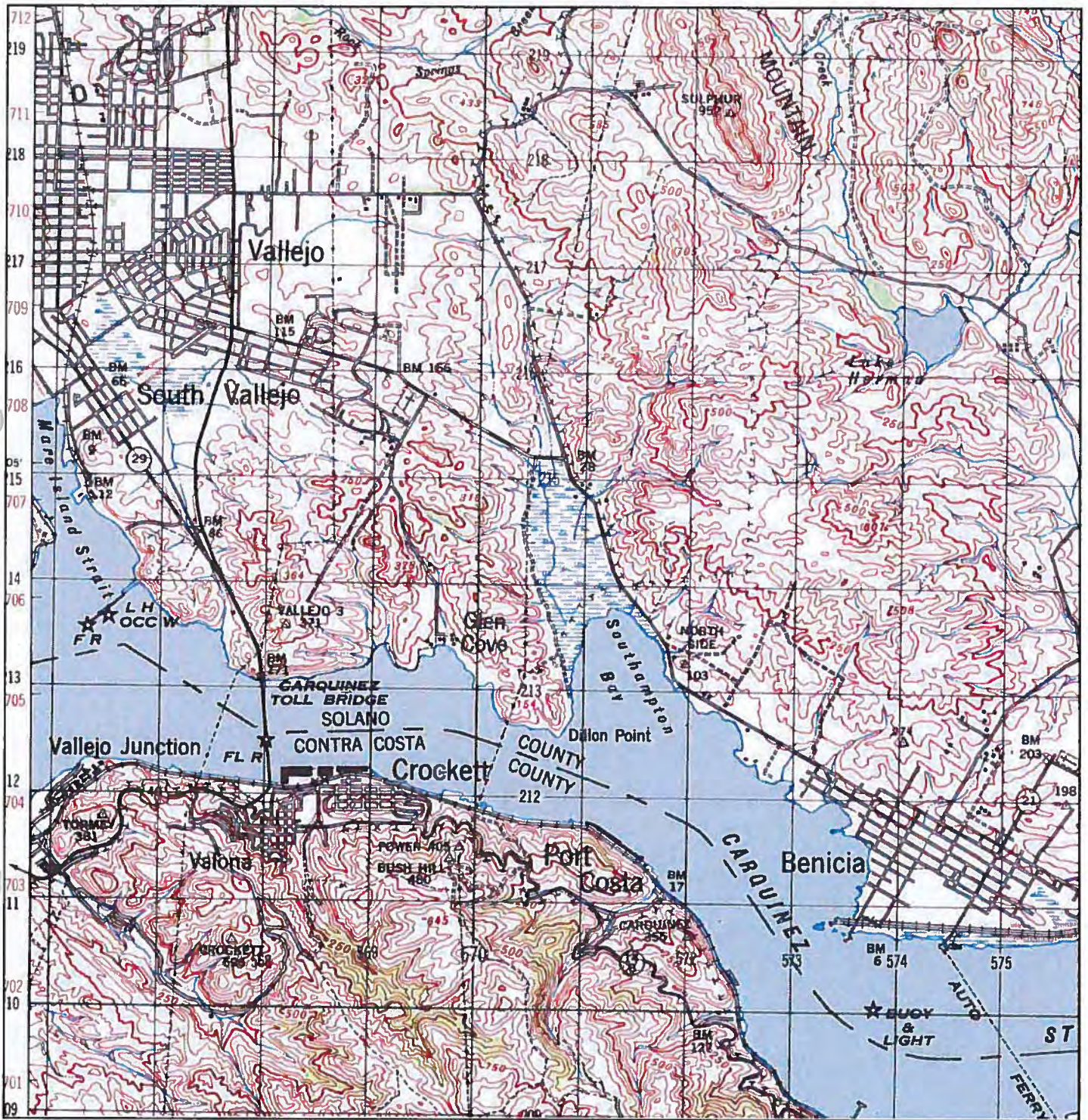
N	TARGET QUAD	SITE NAME:	General Mills	CLIENT:	Northgate Env. Management Inc.
	NAME: CARQUINEZ	ADDRESS:	800 Derr Street	CONTACT:	Marta Lutsky
	MAP YEAR: 1901		Vallejo, CA 94590	INQUIRY#:	1792670.4
●	SERIES: 15	LAT/LONG:	38.0806 / 122.2448	RESEARCH DATE:	11/08/2006
	SCALE: 1:62500				

Historical Topographic Map



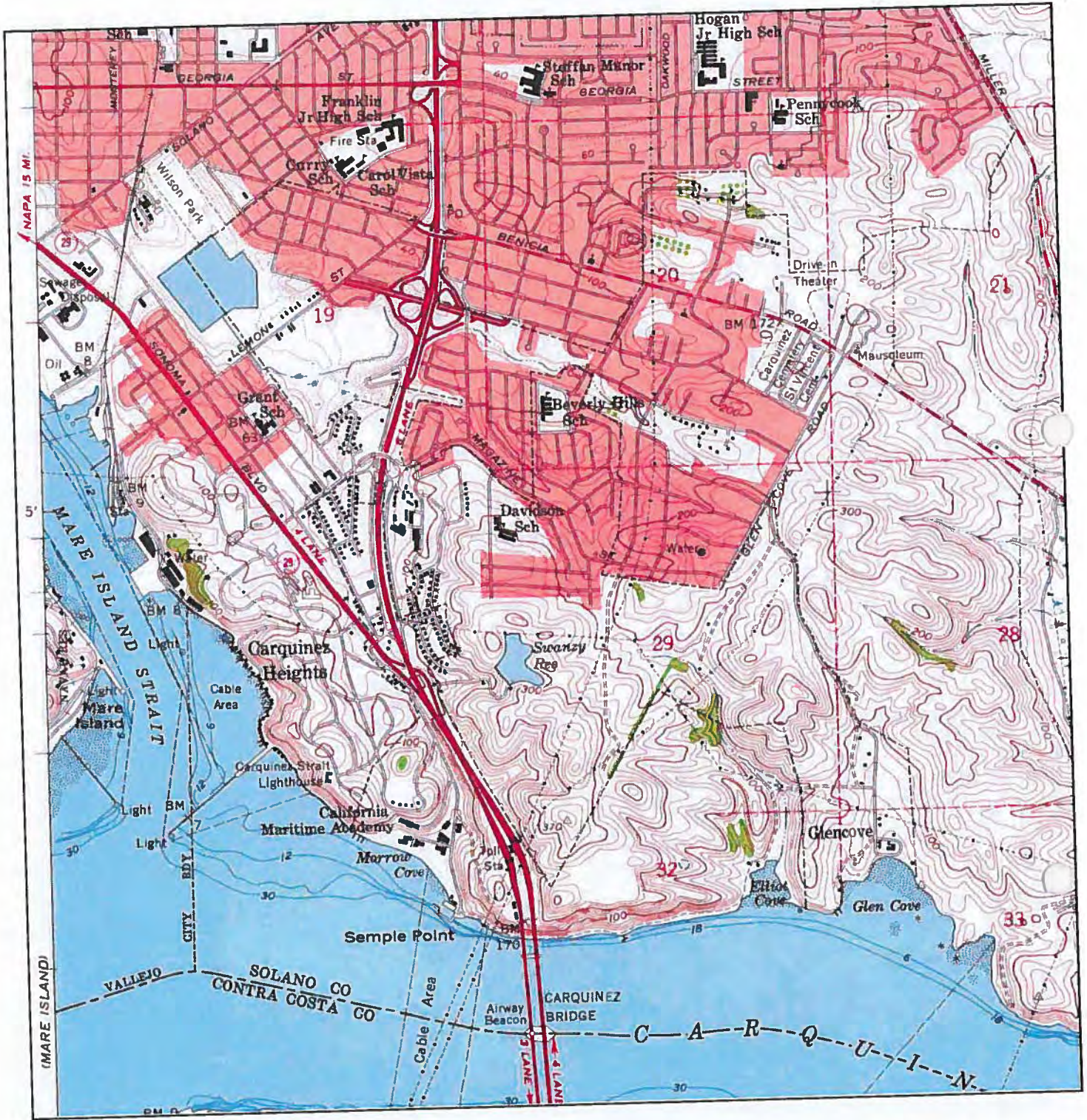
N	TARGET QUAD	SITE NAME:	General Mills	CLIENT:	Northgate Env. Management Inc.
	NAME: NAPA	ADDRESS:	800 Derr Street	CONTACT:	Marta Lutsky
●	MAP YEAR: 1902	LAT/LONG:	38.0806 / 122.2448	INQUIRY#:	1792870.4
	SERIES: 30			RESEARCH DATE:	11/08/2006
	SCALE: 1:125000				

Historical Topographic Map



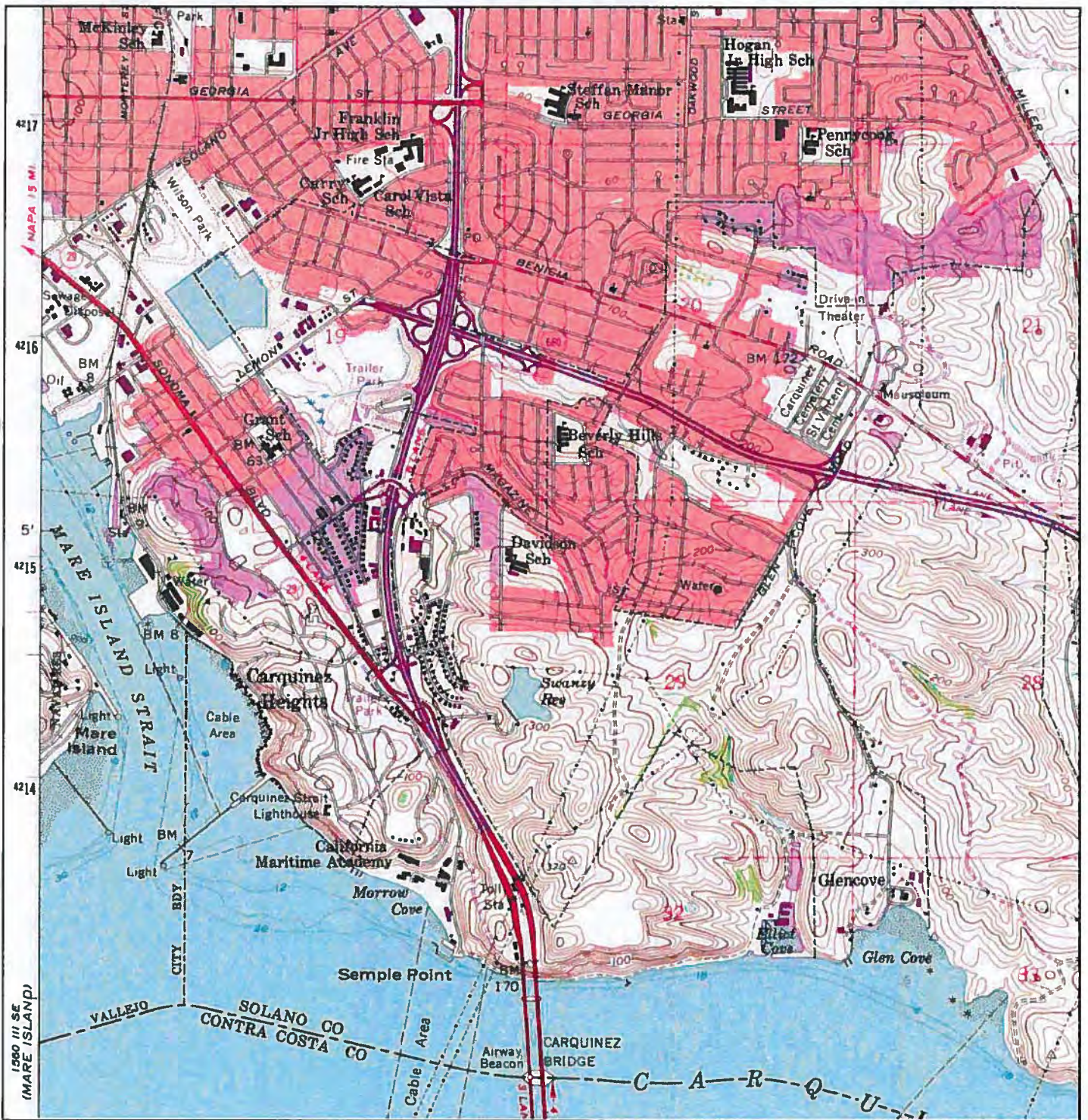
N	TARGET QUAD	SITE NAME:	General Mills	CLIENT:	Northgate Env. Management Inc.
	NAME: PORT CHICAGO	ADDRESS:	800 Derr Street Vallejo, CA 94590	CONTACT:	Marta Lutsky
●	MAP YEAR: 1947	LAT/LONG:	38.0806 / 122.2448	INQUIRY#:	1792870.4
	SERIES: 15			RESEARCH DATE:	11/08/2006
	SCALE: 1:50000				

Historical Topographic Map



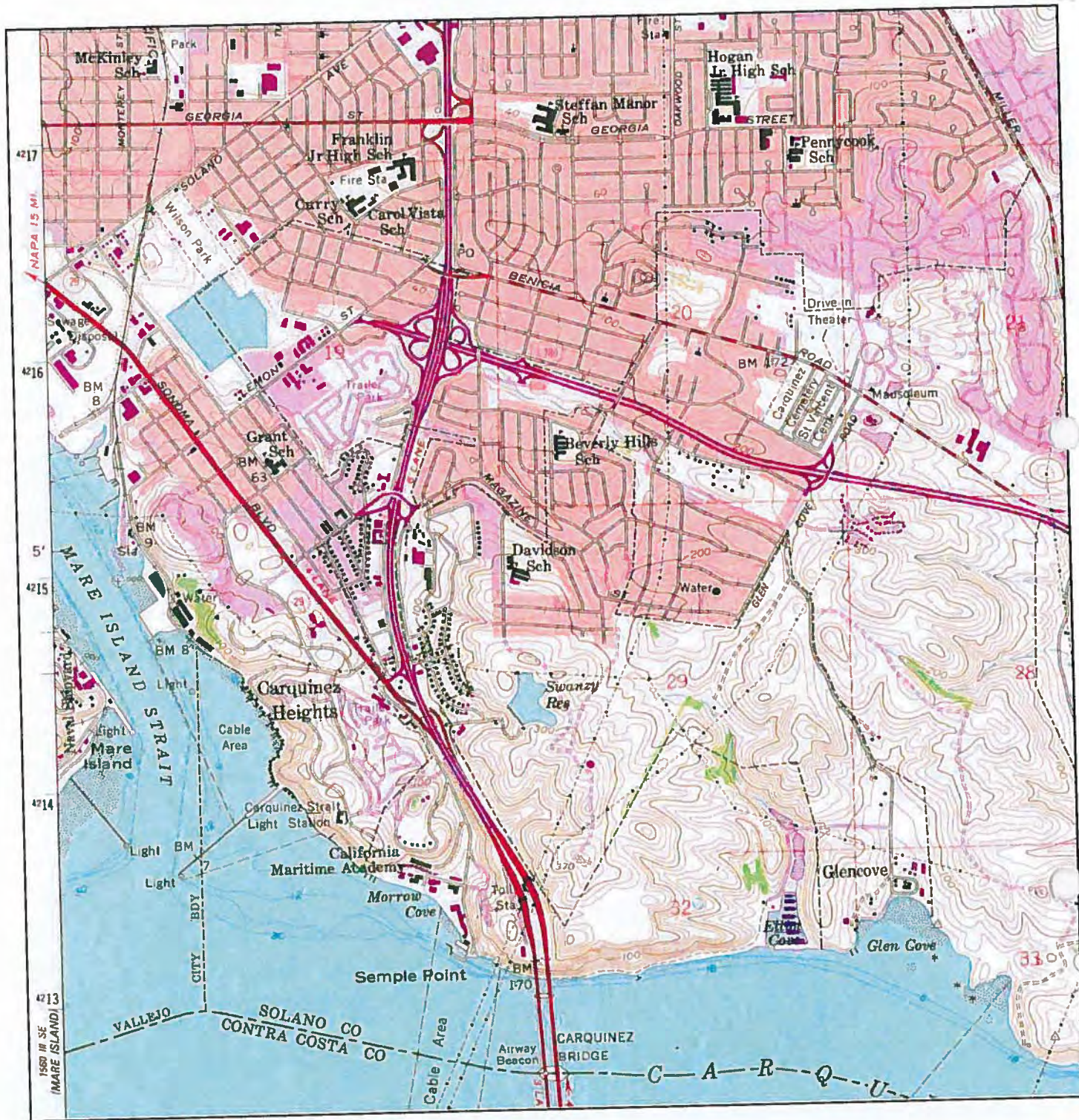
N ●	TARGET QUAD NAME: BENICIA MAP YEAR: 1959	SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo, CA 94590 LAT/LONG: 38.0806 / 122.2448	CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY#: 1792670.4 RESEARCH DATE: 11/08/2006
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



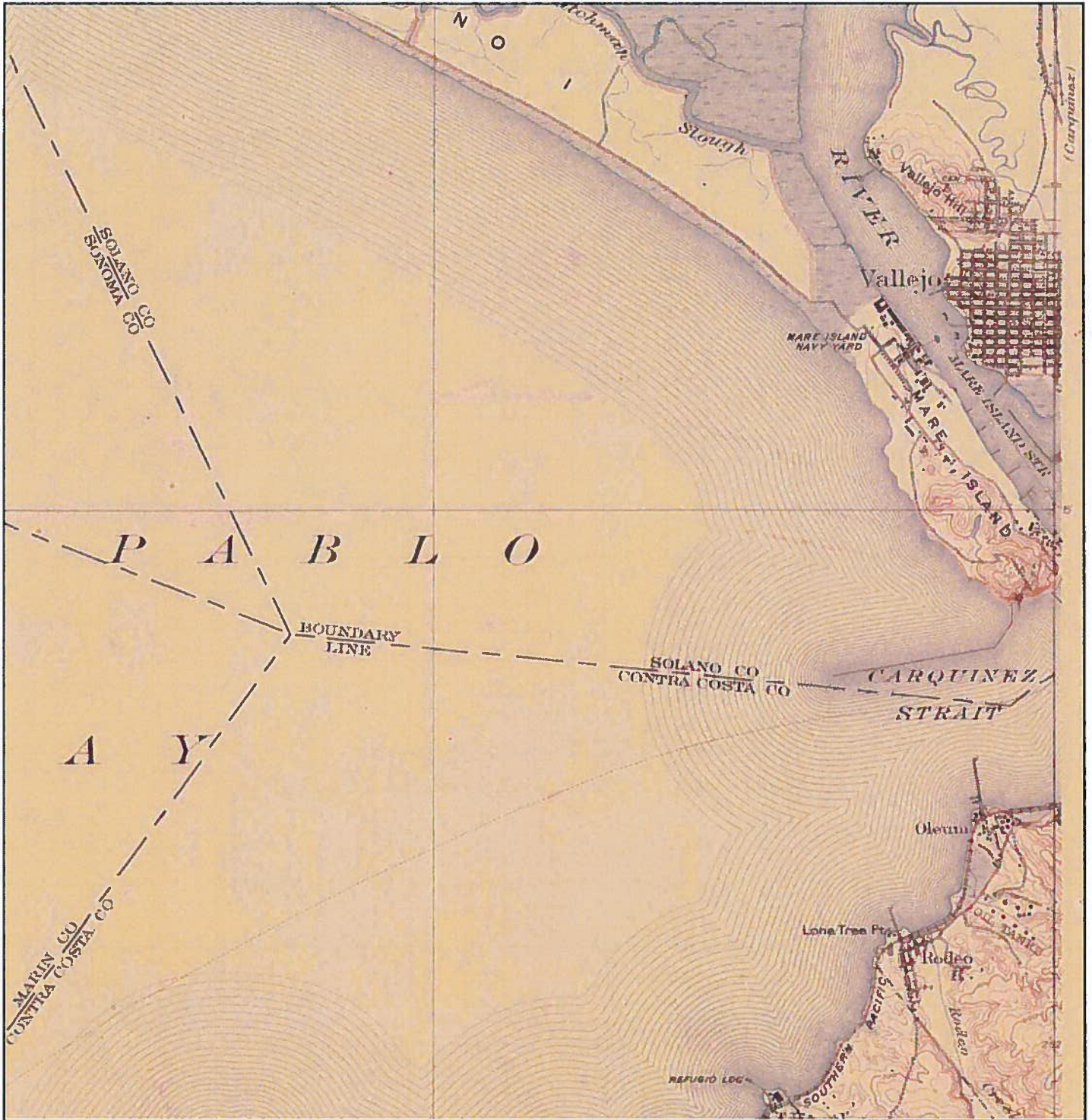
N ●	TARGET QUAD	SITE NAME:	General Mills	CLIENT:	Northgate Env. Management Inc.
	NAME: BENICIA	ADDRESS:	800 Derr Street	CONTACT:	Marta Lutsky
	MAP YEAR: 1968		Vallejo, CA 94590	INQUIRY#:	1792670.4
	PHOTOREVISED FROM: 1959	LAT/LONG:	38.0806 / 122.2448	RESEARCH DATE:	11/08/2006
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



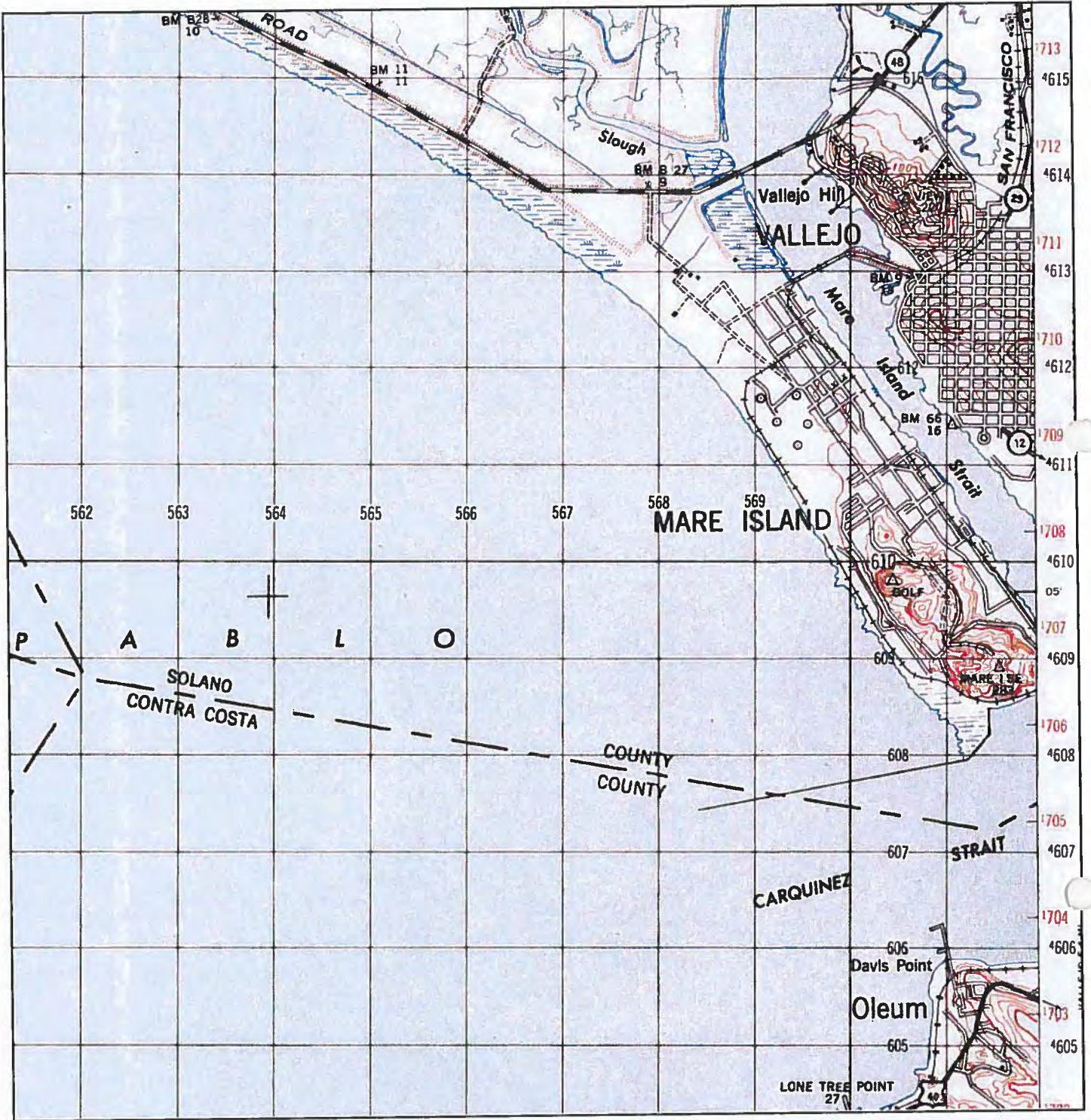
N ●	TARGET QUAD NAME: BENICIA MAP YEAR: 1980 PHOTOREVISED FROM: 1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: General Mills ADDRESS: 800 Derr Street Vallejo, CA 94590 LAT/LONG: 38.0806 / 122.2448	CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY#: 1792670.4 RESEARCH DATE: 11/08/2006
	VALLEJO SOLANO CO CONTRA COSTA CO	CARQUINEZ BRIDGE C-A-R-Q-U-E	

Historical Topographic Map



N	ADJOINING QUAD NAME: MARE ISLAND	SITE NAME: General Mills	CLIENT: Northgate Env. Management Inc.
	MAP YEAR: 1914	ADDRESS: 800 Derr Street Vallejo, CA 94590	CONTACT: Marta Lutsky
●	SERIES: 15	LAT/LONG: 38.0806 / 122.2448	INQUIRY#: 1792670.4
	SCALE: 1:62500		RESEARCH DATE: 11/08/2006

Historical Topographic Map



N	ADJOINING QUAD	SITE NAME:	General Mills	CLIENT:	Northgate Env. Management Inc.	
	NAME:	MARE ISLAND	ADDRESS:	800 Derr Street	CONTACT:	Marta Lutsky
●	MAP YEAR:	1947	LAT/LONG:	38.0806 / 122.2448	INQUIRY#:	1792870.4
	SERIES:	15			RESEARCH DATE:	11/08/2006
	SCALE:	1:50000				

APPENDIX F
ENVIRONMENTAL DATA RESOURCES, INC. -- SANBORN MAP REPORT



EDR Environmental
Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Marta Lutsky
Northgate Env.
300 Frank H. Ogawa Plaza
Oakland, CA 94612

Order Date: 11/8/2006 **Completion Date:** 11/8/2006

Inquiry #: 1792670.3S

P.O. #: NA

Site Name: General Mills

Address: 800 Derr Street

City/State: Vallejo, CA 94590

Cross Streets:

Customer Project: 1164.02
4010297VLA 510-839-0762

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

1886 - 1 Map
1889 - 1 Map
1901 - 1 Map
1919 - 1 Map
1944 - 1 Map
1950 - 1 Map
1956 - 1 Map
1970 - 1 Map

Limited Permission to Photocopy

Total Maps: 8

Northgate Env. Management Inc. (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

Reading Sanborn Maps

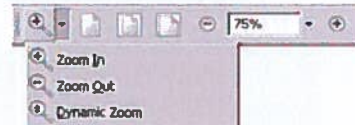
- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: <http://www.edrnet.com/reports/samples/key.pdf>

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
 - A. On the menu bar, click "View" and then "Zoom to..."
 - B. Or, use the magnifying tool and drag a box around the TP



Printing a Sanborn Map From the Electronic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

Acrobat Versions 6 and 7

1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.



Acrobat Version 5

1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.



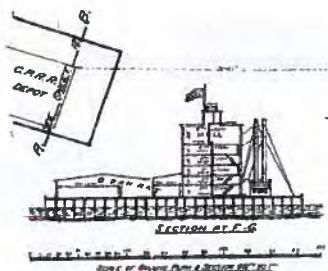
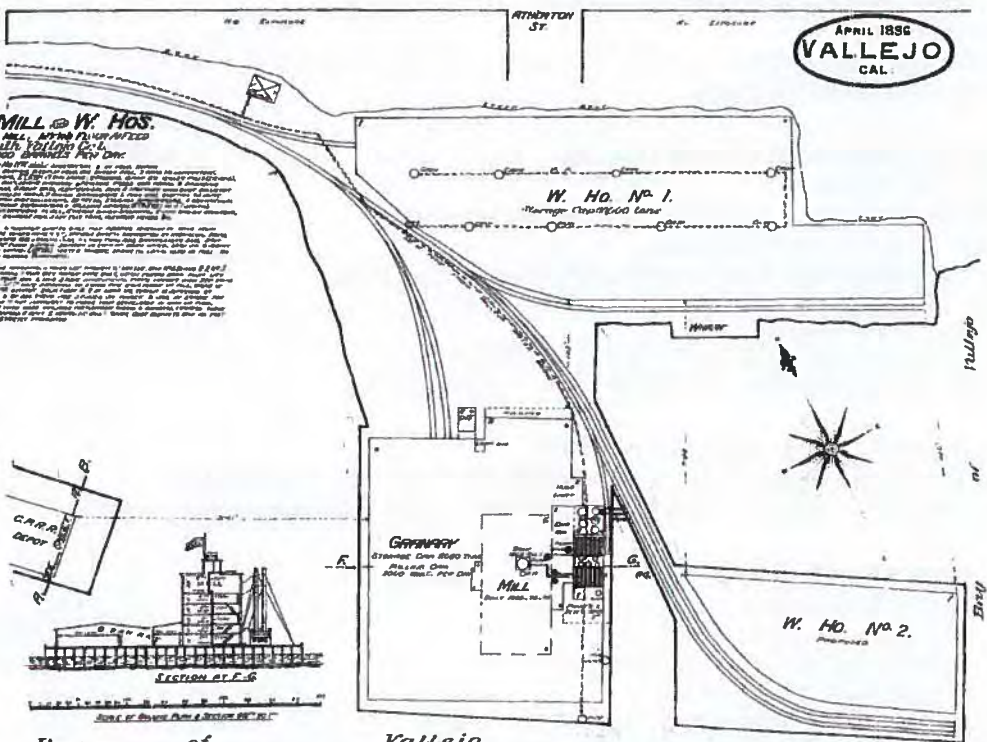
Important Information about Email Delivery of Electronic Sanborn Map Images

- Images are grouped into one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

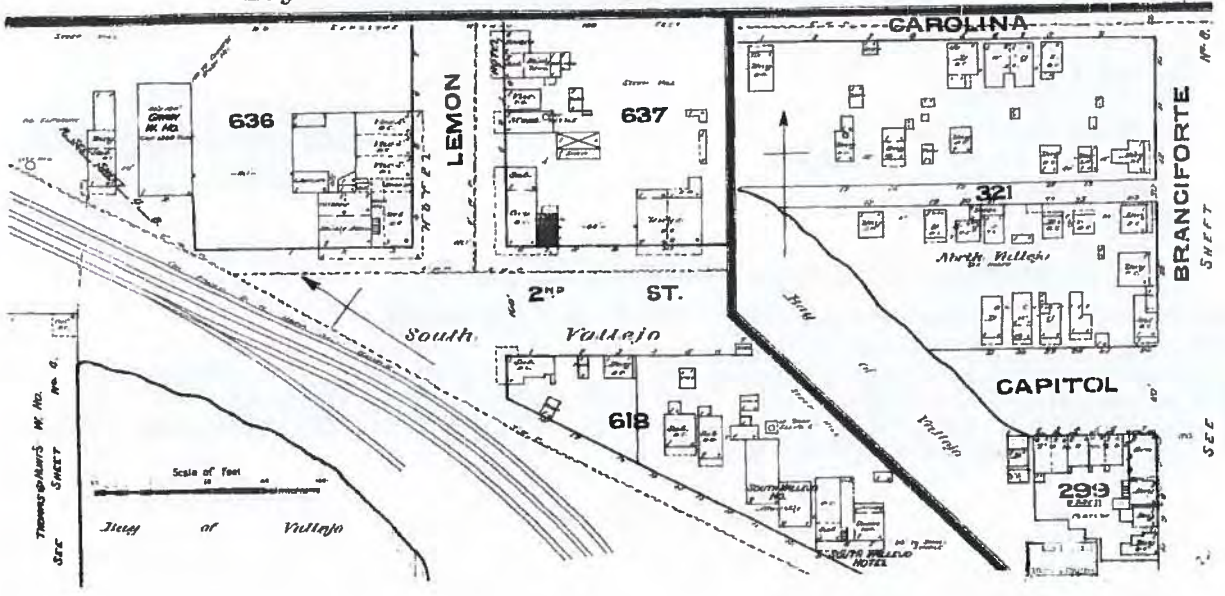
APRIL 1886
VALLEJO
CAL.

STARR MILL & W. HO.
Machinery, Mill, Water Power, etc.
SOUTH VALLEJO CAL.

[Small, dense text block, likely a legend or technical notes for the mill plan.]



Bay of Vallejo



The Sanborn Library, LLC

Copyright 1886 The Sanborn Library, LLC SPM
FOR REPRODUCTION

Reproduction in whole or in part of any map at The Sanborn Library, LLC may be permitted without prior written permission from The Sanborn Library, LLC.



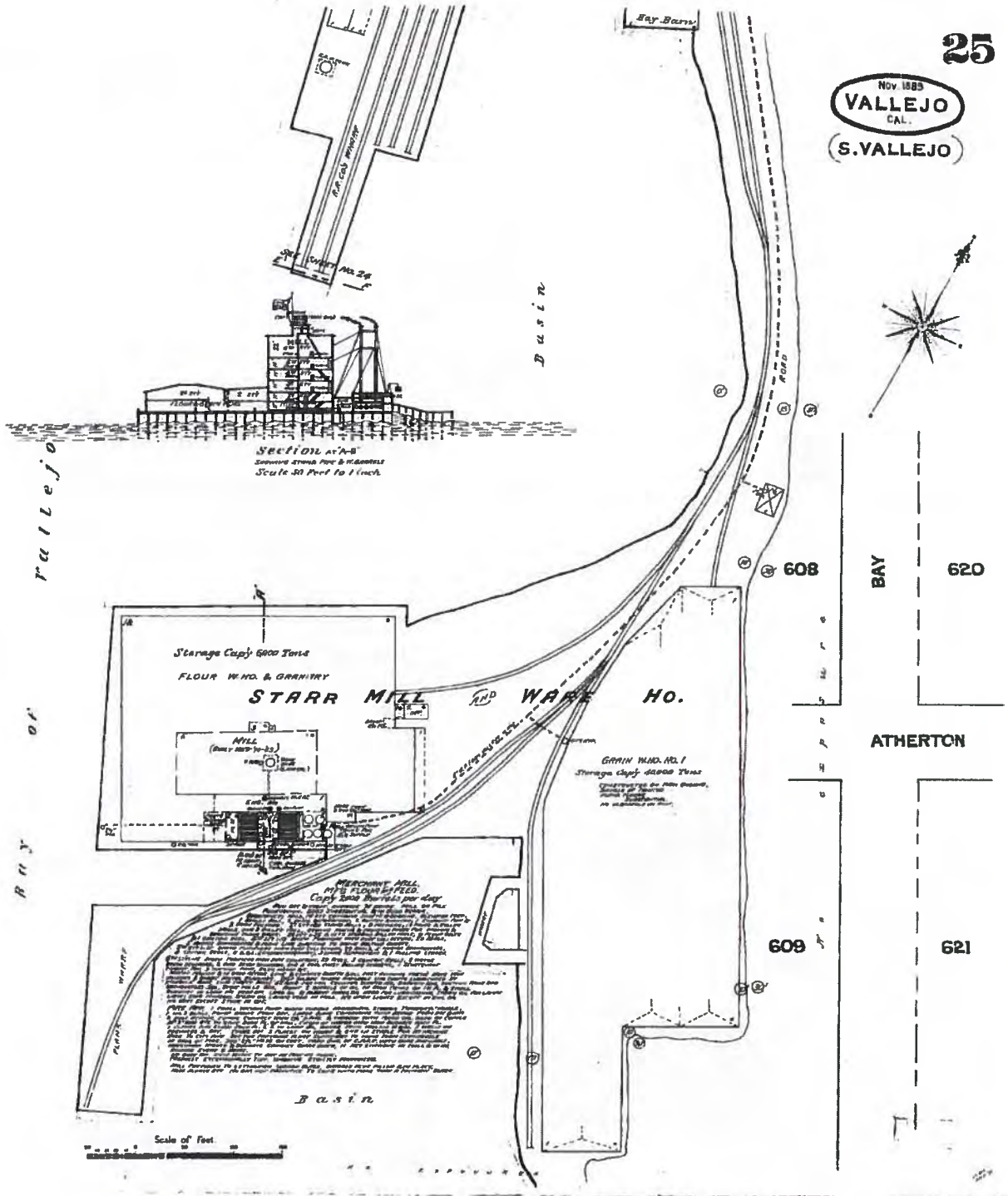
The Sanborn Library, LLC

Copyright © 1999 The Sanborn Library, LLC SPM
FOR RESEARCH PURPOSES
THIS IS NOT A REPRODUCTION OF THE ORIGINAL MAP

Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

25

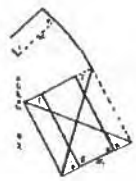
Nov. 1883
VALLEJO
CAL.
(S. VALLEJO)



Vallejo
Bay of

Basin





JULY 1901
VALLEJO
CAL.



VALLEJO WHITE SULPHUR SPRINGS

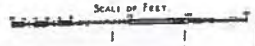
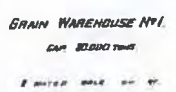
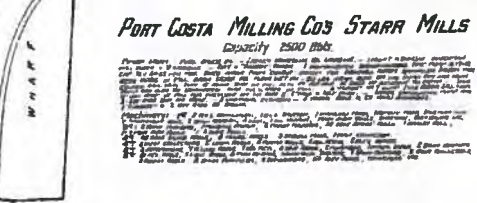
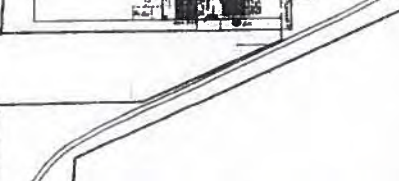
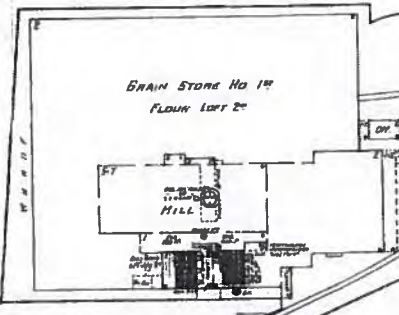
Located 4 Miles NE of P.O.
SPRING WATER 1000 FT. IN 2 MILES NE OF P.O.
WATER 1000 FT. IN 2 MILES NE OF P.O.



Strait

Island

Mare



BAY

ATHERTON

609

608

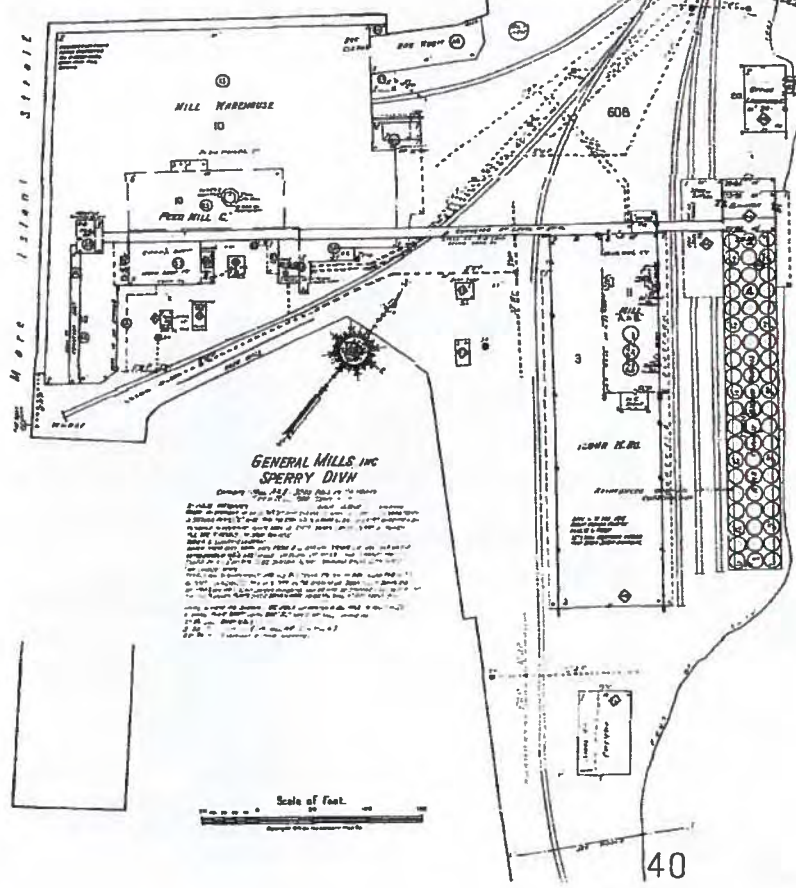
620

621

1202



March 1913.
VALLEJO
 CAL.



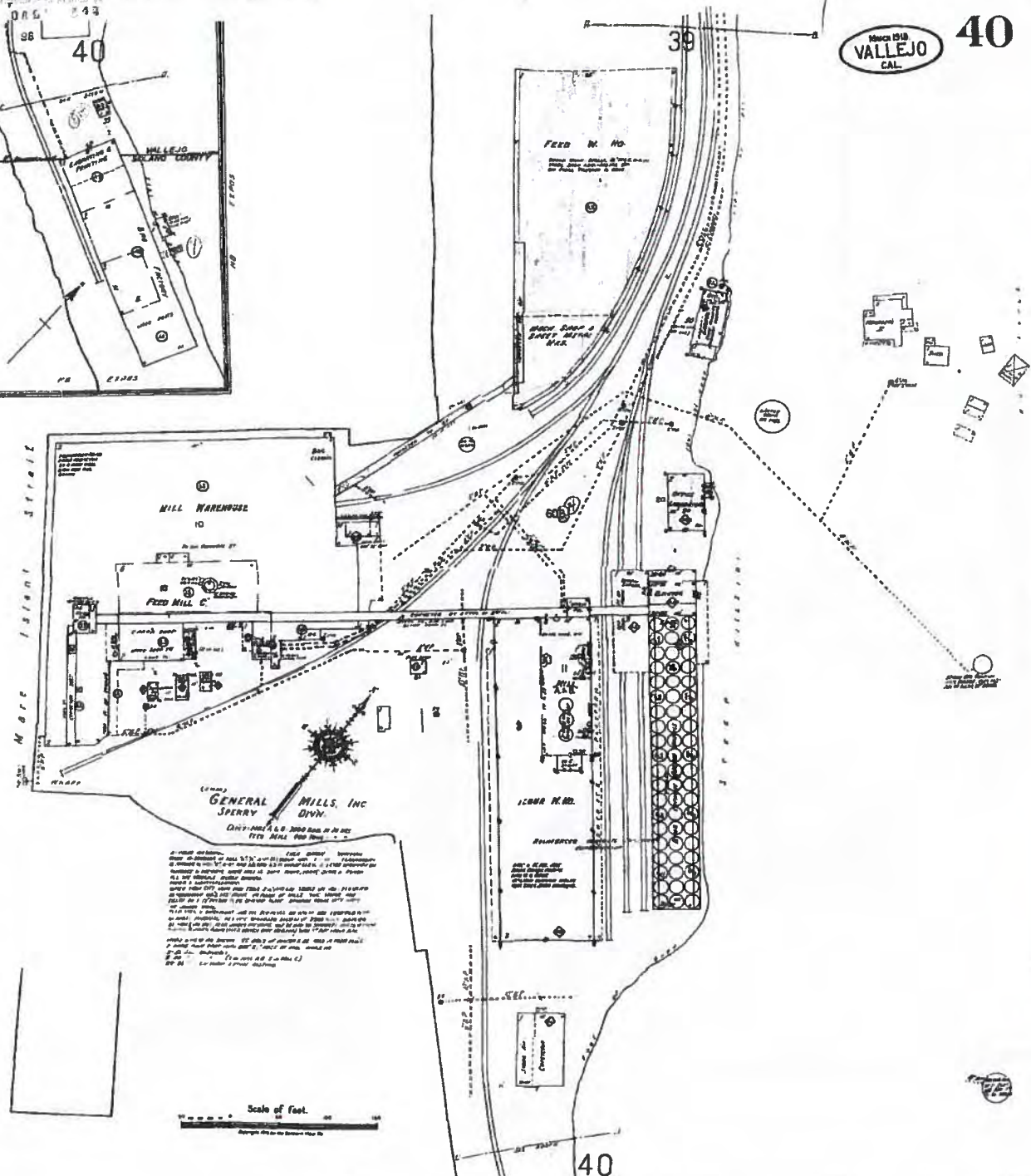
GENERAL MILLS, INC.
SPERRY DIVN.

(Small text describing the plan's details and scale)

Scale of Feet
 0 100 200 300 400 500




March 1910
VALLEJO
 CAL.



GENERAL MILLS, INC
GINERY
 DIVISION OF G. M. & C. 12000 W. RD. IN THE CITY OF VALLEJO, CALIF.

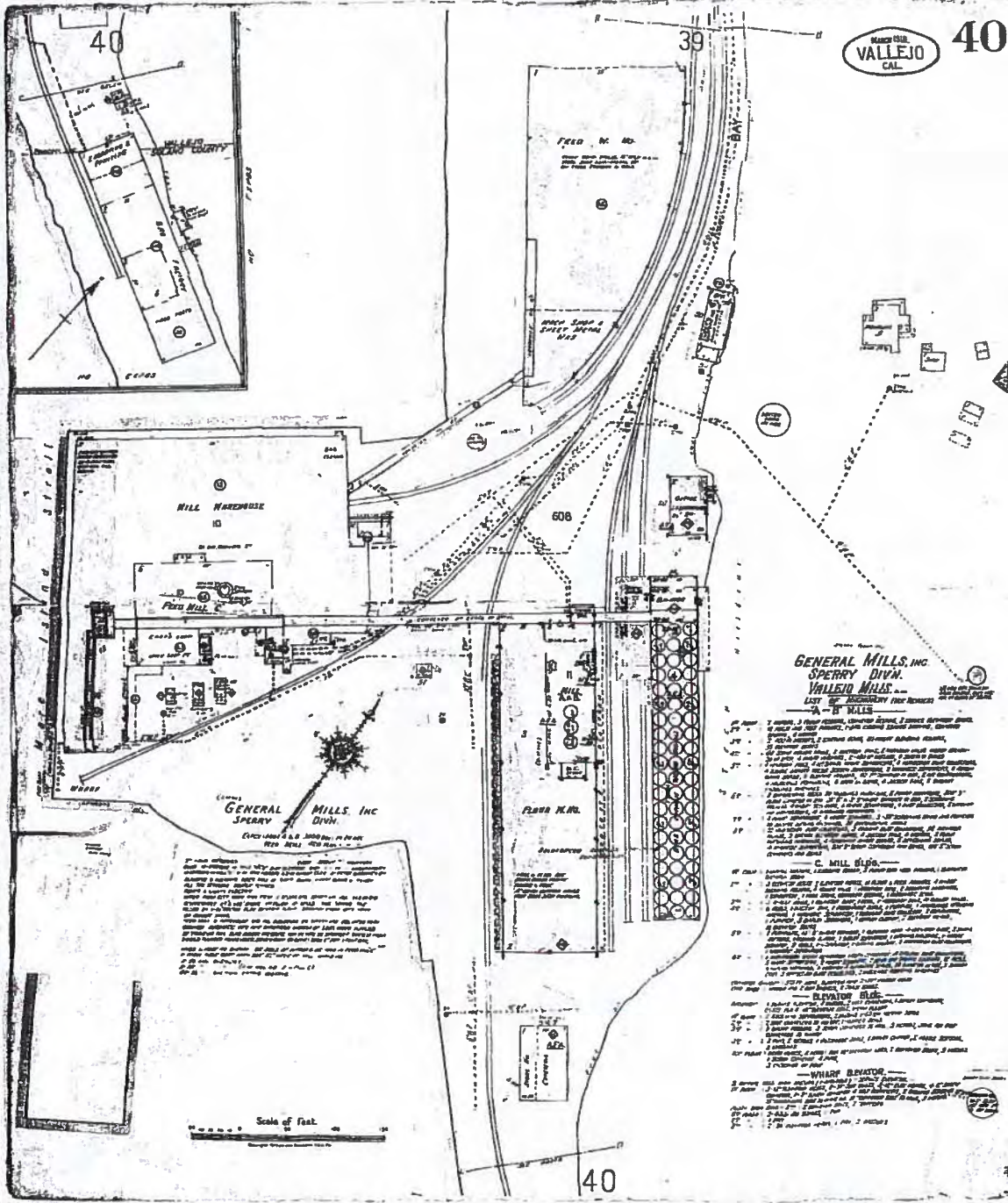
(Small text describing the map's accuracy and scale, including a scale of feet.)



 **The Sanborn Library, LLC**

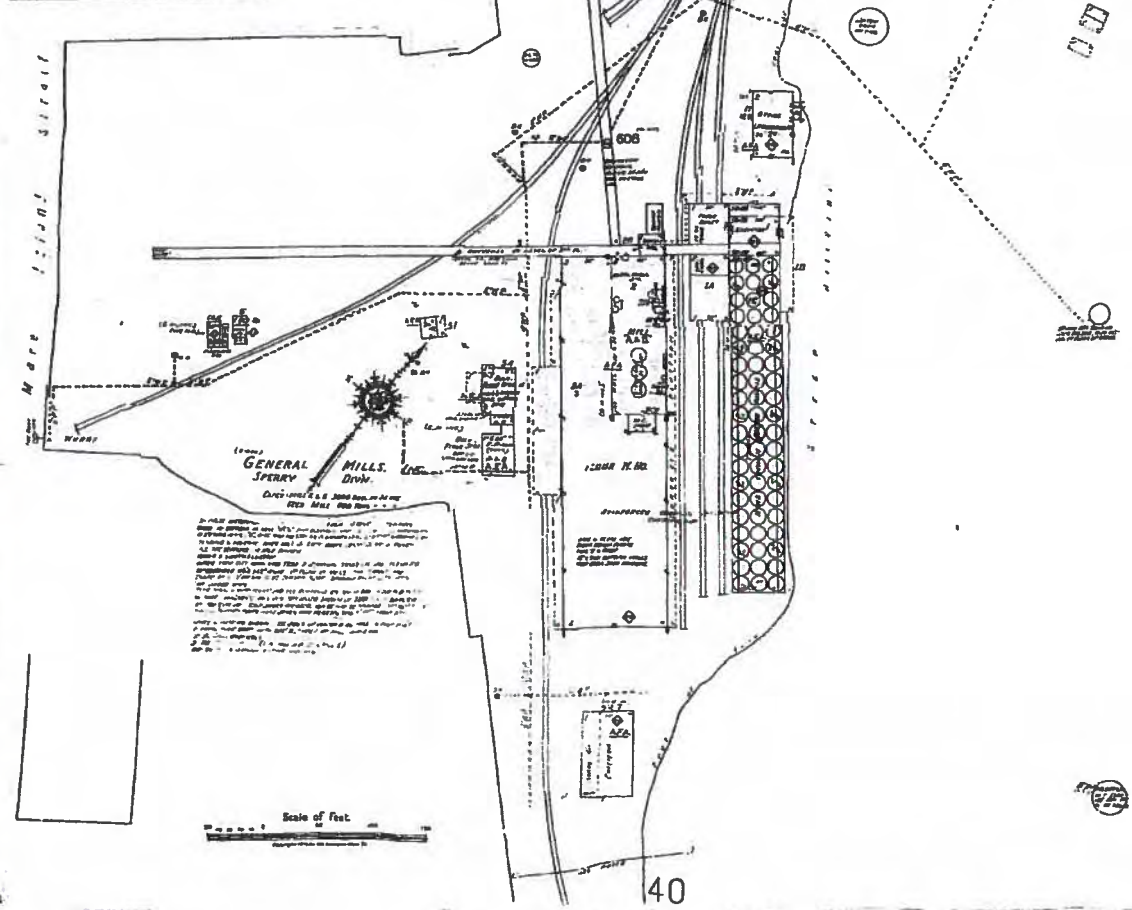
Copyright © 1959 The Sanborn Library, LLC SPM
 Year EDN Research Associates

Reproduction in whole or in part of any map of The Sanborn Library, LLC may be purchased without permission from The Sanborn Library, LLC.





March 1915
VALLEJO
CAL. 40



APPENDIX G
ENVIRONMENTAL DATA RESOURCES, INC. – CITY DIRECTORY

Environmental Data Resources, Inc.
10000 Wilshire Blvd., Suite 1000
Beverly Hills, CA 90210
Tel: (310) 274-1000
Fax: (310) 274-1001
www.edr.com



EDR* Environmental
Data Resources Inc

The EDR-City Directory
Abstract

General Mills
800 Derr Street
Vallejo, CA 94590

Inquiry Number: 1792670.6

Monday, November 13, 2006

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1961 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: November 13, 2006

Target Property:
800 Derr Street
Vallejo, CA 94590

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	General Mills Inc Sperry Division	Polk's City Directory
1966	General Mills Inc Sperry Division	Polk's City Directory
1970	General Mills Inc Sperry Division	Polk's City Directory
1975	General Mills Inc Sperry Division	Polk's City Directory
1980	General Mills Inc Sperry Division	Polk's City Directory
1985	General Mills Inc Sperry Division	Polk's City Directory
1990	General Mills Inc Sperry Division	Polk's City Directory
1995	General Mills Inc Sperry Division	Polk's City Directory
2001	General Mills Inc Sperry Division	Haines Criss-Cross Directory
2006	General Mills Inc Sperry Division	Haines Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Vallejo, CA 94590

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	<u>**Derr Street**</u>	Polk's City Directory
	Pacific Motor Trucking Co (701)	Polk's City Directory
	Southern Pacific Co (703)	Polk's City Directory
	No other addresses in 700-999 range	Polk's City Directory
1966	<u>**Derr Street**</u>	Polk's City Directory
	Pacific Motor Trucking Co (701)	Polk's City Directory
	Southern Pacific Co (703)	Polk's City Directory
	No other addresses in 700-999 range	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	<u>**Derr Street**</u>	Polk's City Directory
	Southern Pacific Co (701)	Polk's City Directory
	No other addresses in 700-999 range	Polk's City Directory
1975	<u>**Derr Street**</u>	Polk's City Directory
	Southern Pacific Co (701)	Polk's City Directory
	No other addresses in 700-999 range	Polk's City Directory
1980	<u>**Derr Street**</u>	Polk's City Directory
	Southern Pacific Co (701)	Polk's City Directory
	Residence (790)	Polk's City Directory
	No other street listings	Polk's City Directory
1985	<u>**Derr Street**</u>	Polk's City Directory
	Southern Pacific Co (701)	Polk's City Directory
	Residence (790)	Polk's City Directory
	No other street listings	Polk's City Directory
1990	Address Not Listed in Research Source	Polk's City Directory
1995	Address Not Listed in Research Source	Polk's City Directory
2001	Address Not Listed in Research Source	Haines Criss-Cross Directory
2006	Address Not Listed in Research Source	Haines Criss-Cross Directory

**APPENDIX H
RESUME OF ENVIRONMENTAL PROFESSIONAL**

ALAN LEAVITT, P.E., R.E.A.**PRINCIPAL ENGINEER**

Mr. Leavitt is a California registered Professional Engineer with 20 years experience working as an environmental engineer in the Bay Area. He has designed and implemented numerous site investigations, feasibility studies, and cleanup plans. He has applied innovative technologies at a number of Bay Area sites, including *in situ* chemical treatment with permanganate; stabilization of wastes to reduce metals leachability; and treatment of groundwater with fluidized bed carbon reactors. Mr. Leavitt integrates his technical expertise with an in-depth understanding of environmental regulations, gained through his previous employment with the U.S. Environmental Protection Agency (USEPA) and the California Department of Toxic Substances Control (DTSC). At the USEPA, Mr. Leavitt performed water quality assessments, wrote NPDES permits, and designed monitoring programs. With DTSC, he managed Superfund investigations, remedial action plans, and enforcement actions.

REPRESENTATIVE EXPERIENCE***Site Investigation & Remediation***

- *United Heckathorn Site, Richmond, California*—Project Director for a former pesticide processing site in Richmond, California. Completed remedial investigation/ feasibility studies (RI/FS) and managed removal action to excavate and dispose of 10,000 cubic yards of sediment containing DDT and other organochlorine pesticides along the San Francisco Bay. Designed and constructed innovative sediment curtain to confine suspended sediments within excavation area. Developed cost-effective cleanup goals to protect workers, nearby residents, and aquatic organisms. Negotiated agency approvals from USEPA, U.S. Army Corps of Engineers, BCDC, DTSC, Regional Water Quality Control Board (RWQCB), and other regulatory agencies.
- *Alviso Ring Levee Operable Unit of South Bay Asbestos Area Superfund Site, Santa Clara, California*—Project Director providing oversight in the preparation and implementation of remedial design to remove 2-mile-long flood control levee located adjacent to residential community and San Francisco Bay wetlands. Worked with regulatory agencies to develop appropriate plans to control dust near residences and minimize the effect of construction on wetlands.
- *Former Braito Landfill, Solano County, California*—Project Engineer for former landfill site in Benicia. Provided oversight for design and implementation of remedial action plan, including landfill gas extraction and treatment, stabilization of buried wastes, and excavation and offsite disposal of approximately 80,000 tons of soil and waste. The cleanup plan included stringent measures to control dust, odor, noise, and traffic, given the site location in a residential neighborhood.
- *Former Chemical Manufacturing Site, Santa Clara, California*—Project Director in managing multi-disciplinary team to complete RI/FS, risk assessment, interim cleanup actions, treatability studies, remedial design, and construction for soil-vapor and groundwater remedial systems. Groundwater treatment system unit processes included air stripping, fluidized bed liquid-phase carbon adsorption, and catalytic scale control.

- *Former Electronics Manufacturing Firm, Sunnyvale, California*—Project Engineer responsible for design, operation and maintenance of groundwater extraction and treatment system. Developed plans and specifications for in-situ chemical oxidation treatment system using potassium permanganate. Implemented aggressive source remediation to reduce pump and treat requirements for Site.
- *Chromium Disposal Site, Mendocino County, California*—Project Director for this disposal site. Prepared corrective action plan for soil and groundwater, including realistic and cost-effective cleanup goals. Also prepared and implemented remedial design for excavation and treatment of 2,000 cubic yards of contaminated soil. Provided oversight for laboratory treatability studies for soil and groundwater to meet cleanup goals and discharge requirements.

Regulatory Permitting and Negotiations

- Negotiated with USEPA to classify 100,000 cubic yards of contaminated sediments as non-RCRA hazardous waste, saving client over \$1 million in disposal costs.
- Negotiated with California DTSC and CalTrans to manage 40,000 cubic yards of asbestos-containing soil as non-hazardous waste, allowing client to recycle material as deep fill at nearby highway construction site.
- Obtained variance for hazardous waste transfer station to increase onsite storage from 96 hours to 10 days, allowing facility to manage operations more cost effectively.
- Prepared RCRA Part B applications, including storage facility designs, for two Bay Area chemical distribution and recycling facilities.

Facility Closure

- Prepared and implemented closure plans for hazardous waste storage facilities in Pittsburg, Richmond, Milpitas, and Stockton, California. Used risk-based analyses to develop cleanup goals for residual chemicals in soil and groundwater.
- Developed closure plan for Class II wastewater ponds at cogeneration facilities in Stanislaus and Colusa Counties, California.
- Designed and implemented a closure plan to remediate soil containing VOCs for an electronics manufacturing facility in Sunnyvale, California. Closure Plan included excavation, onsite aeration, and backfilling of chemical-affected soils.

Expert Witness / Litigation Support

- Provided expert witness testimony on behalf of plaintiff regarding fate and transport of organic compounds associated with chlorinated pesticide formulation facility in Richmond, California.
- Provided expert witness testimony for defendant in litigation regarding alleged placement and removal of contaminated soil from plaintiff's property in Santa Clara County, California.
- Represented property owner in litigation regarding right to take property, and recovery of remediation costs for Brownfields site in Emeryville, California.
- Testified on behalf of potentially responsible party regarding disposal of chromium waste at a municipal landfill in Mendocino County, California.



- Represented national chemical company in San Francisco Bay Area to negotiate settlement with state Attorney General Office regarding alleged violations of California Hazardous Waste Control Law. Identified mitigating factors to successfully reduce stipulated penalties.
- Represented printing facility in Central California in negotiating consent decree with USEPA regarding alleged violations of Resource Conservation and Recovery Act (RCRA) and Clean Water Act. Evaluated waste management practices and compliance monitoring procedures. Developed recommendations to improve environmental management program, and identified mitigating factors to lower facility's fine.

EDUCATION

M.S., Environmental Engineering, Cornell University, Ithaca, New York, 1984
B.A., Biology, University of Missouri, Columbia, Missouri, 1978

PROFESSIONAL HISTORY

Northgate Environmental Management, Inc., Principal Engineer, 1999–present

LFR Levine-Fricke, Principal Engineer and Technical Services Group Manager, 1987–1999
California Department of Health Services-DTSC, Environmental Engineer, 1985–1987
U.S. EPA, Region IX, Environmental Engineer, 1983–1985

REGISTRATIONS

Professional Civil Engineer: California, No. 049319
Registered Environmental Assessor: California, No. 00184
Engineering /Hazardous Materials Contractor: California, No 788400
Water Conservation Practitioner, Level 1: American Water Works Association, No. 00122

PUBLICATIONS AND PRESENTATIONS

Splitter, T., Chambers, J., and Leavitt, A., *In Situ Treatment of Tannery Wastes at the Braitto Landfill*, Presented at 16th Annual AEHS Conference on Soils, Sediments and Water, March 15, 2006.

Erskine, J., Chambers, J., and Leavitt, A., *San Jose MarketCenter: Risk Management for Brownfields Redevelopment*, Proceedings of Battelle's Fifth International Conference for Remediation of Chlorinated and Recalcitrant Compounds, May 22-25, 2006.

Leavitt, A., Chambers, J.D., and Splitter, T., *Deep Soil Mixing to Stabilize Tannery Wastes at Braitto Landfill*, Poster Presentation and Proceedings for Battelle's Fifth International Conference for Remediation of Chlorinated and Recalcitrant Compounds, May 22-25, 2006.

Marvin, B.K., Chambers, J.D., Leavitt, A., and Schreier, C.G., *Chemical and Engineering Challenges to In Situ Permanganate Remediation*, in CSA Aerospace and High Technology Database, September 2006.

Marvin, B.K., Chambers, J.D., Leavitt, A., and Schreier, C.G., *Chemical and Engineering Challenges to In Situ Permanganate Remediation*, accepted at Remediation of Chlorinated and Recalcitrant Compounds, Third International Conference, Monterey, California, May 2002.



Chambers, J.D., Marvin, B.K., Schreier, C.G., and Leavitt, A., *Chemical and Engineering Challenges to the Application of In Situ Permanganate Remediation*, presented at The First International Conference on Oxidation Reduction Technologies. Niagara Falls, Ontario, Canada. 2001; and Poster Presentation at the Ground Water Resource Association Third Symposium on Arsenic Remediation.

Chambers, J.D., and Leavitt, A., *Groundwater Cleanup in the San Francisco Bay Area- Creating Opportunities for Water Reuse*, accepted at National Ground Water Association National Conference in Nashville, Tennessee, December 2000.

Chambers, J.D., Leavitt, A., Melby, J., and Walti, W., *In-situ Formation and Attenuation of Hexavalent Chromium with Permanganate*, accepted at Remediation of Chlorinated and Recalcitrant Compounds, Battelle Second International Conference, Monterey, California, May 2000.

Chambers, J.D., Leavitt, A., Melby, J., Walti, W., and Schreier, C.G., *Formation and Attenuation of Hexavalent Chromium During In-situ Permanganate Treatment of Chlorinated Hydrocarbons*, accepted at National Ground Water Association Focus Conference in San Francisco, California, February 2000.

Chambers, J.D. and Leavitt. *Creating Opportunities for Water Reuse—Integrating Water Reuse with Groundwater Cleanup*, accepted at National Ground Water Association Focus Conference in San Francisco, California, February 2000.

Chambers, J.D. and Leavitt, A., *Combining Groundwater Cleanup with Water Reclamation*, presented at American Water Works Association Water Resources Conference, Norfolk, Virginia, October 29, 1999.

Chambers, J.D., Leavitt, A., and Hennier, J.H., *Combining Groundwater Cleanup and Water Reuse*, presented at Water Reuse Association of California Symposium XIII, Oakland, California, September 18, 1998.

Leavitt, A. and Chambers, J.D., *Balancing Risks to Optimize Groundwater Remediation*, presented at AEHS West Coast Conference, Contaminated Soils and Groundwater, Oxnard, California, March 10, 1998.



DERRICK S. WILLIS

PRINCIPAL

Mr. Willis has over 16 years experience serving both public sector and private clients in California and Canada on a wide variety of environmental projects. For the last several years, Mr. Willis' focus has been on formulating and facilitating closure and development strategies for large, complex, high profile, environmental projects for aerospace and real estate development firms. Mr. Willis has extensive experience with due diligence/property transfer and development issues in a wide variety of industrial and regulatory settings. He is familiar with the industrial processes that generate environmental wastes, the fate and transport of chemicals in the environment, the potential adverse effects of these substances on human and ecological receptors, compliance challenges faced by business operators, the performance of remedial technologies, and how these issues play into getting a site developed.

REPRESENTATIVE EXPERIENCE***Environmental Site Assessments and Regulatory Compliance***

- *RREEF, Multiple Sites, Southern California, California*— Mr. Willis served as client director for RREEF on multiple projects including acquisition studies (which mold, asbestos and indoor air quality surveys), tenant audit programs, soil remediation, groundwater investigation, third party oversight, agency negotiation, and mold and asbestos abatement programs.
- *Opus Corporation, Multiple Sites, Southern California*— Mr. Willis has directed over 50 acquisition-related due diligence investigations for Opus Corporation (Opus). Scope of work has included Phase I ESAs, soil and groundwater investigations, risk evaluations, agency negotiation, and aiding Opus in evaluating and quantifying the potential risk associated with recognized environmental concerns.
- *Various Clients, Various Locations, Southern California*— Project manager for more than 200 Phase 1 environmental assessments (ESAs) for industrial facilities including aerospace, furniture and paper manufacturing factories; utility companies, vehicle and equipment maintenance facilities; and landfills as well former agricultural land. The objective of the ESAs was to evaluate and quantify potential liabilities associated with the acquisition and development of the properties.

Site Investigation and Remediation

- *Playa Capital Corporation, Playa Vista Development Project, Los Angeles, California*— Mr. Willis served as program manager for the Playa Vista project, one of the largest and most visible brownfield development projects in the country. At 1,100 acres, it is the largest underway in Los Angeles County. His primary responsibility included environmental program management (including scoping, developing, scheduling, and tracking environmental activities for the development project), risk management (including developing and negotiating with agencies for appropriate cleanup criteria), remedial strategy/management (including development and implementation of pilot tests and oversight of investigation and remediation activities), agency/RP/buyer negotiations, contractor selection and oversight, litigation support, and data management.
- *Lockheed Martin Former International Light Metals Facility, Torrance, California*— Served as project manager and principal investigator for a 67-acre aerospace facility where client objective was expedited redevelopment. The project included facility demolition, preparation and implementation of a Resource Conservation and Recovery Act (RCRA) closure plan for 11

permitted RCRA units, negotiations with the Department of Toxic Substance Control (DTSC), preparation of a RCRA Facility Assessment (RFA) (210 features identified that required intrusive investigation), implementation of a RCRA Facility Investigation (RFI) for soil, preparation of a health-based risk assessment, and implementation of soil remediation. Site closure for soil was granted only three years after project initiation, in contrast to the normal six to eight year process, and has been used as an example by head DTSC officials as an example of industry and the regulatory community working together to achieve expedited site closures for property redevelopment purposes. Mr. Willis also developed strategy for groundwater investigation and remediation and negotiated the corrective action consent agreement (CACA) with DTSC.

- *Project Manager, Confidential Client, Buena Park, CA*— Served as project manager for multi-media remediation project at a commercial development in Buena Park, California. The site was a former food processing facility that was redeveloped into commercial offices and warehouse space. Evaluated the environmental liability for a Real Estate Investment Trust (REIT) that subsequently purchased the property, and managed remediation program in conjunction with site redevelopment.
- *Project Manager, Brownfield Redevelopment, Torrance, California*— Served as project manager and for site redevelopment project for a PacTrust. Evaluated environmental liabilities associated with a 12-acre parcel that was part of a butadiene plant (Del Amo Superfund Site) left undeveloped as a brownfield, and formulated a strategy to expedite regulatory closure and redevelopment. A comprehensive investigation was completed on the parcel, and the report submitted to the Environmental Protection Agency (EPA) for review. Successfully negotiated with EPA to conduct a non-Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) closure program. Conducted soil remediation program under EPA oversight in conjunction with site construction activities.
- *Project Manager, Investigation and Remediation Program, Safety Kleen, Vancouver, British Columbia, Canada*— Managed remediation of former solvent recycler transfer stations in British Columbia and Alberta, Canada. Sites involved characterization and remediation of soil and perched groundwater zones. Assessed feasibility of vapor extraction for cleanup of vadose zone contamination, and designed and installed a dewatering system for perched water in former tank cavities and surficial saturated zone for Vancouver transfer station. Achieved regulatory site closure two years faster than previous consultant's estimate.
- *Cupples Manufacturing, Investigation and Remediation Program, La Mirada, California*— Project manager for soil/groundwater characterization and remediation program at a truck maintenance facility in La Mirada, California. Conducted an underground storage tank and clarifier removal program in conjunction with site characterization activities. Implemented remediation of soil and groundwater impacted with petroleum hydrocarbons. Negotiated and received closure from Regional Water Quality Control Board (RWQCB).
- *Alberta Environment, Abandoned Wood Treatment Sites, Various Locations, Alberta, Canada*— Project manager for the Wood Preserving Sites Characterization Program for Alberta Environment. Performed site characterization of four former wood preservation sites in Alberta, Canada. The sites had been used for many years for treating wood poles and railroad ties with a pentachlorophenol/diesel mixture. Soil and/or groundwater were impacted at the sites. Soil borings and groundwater monitoring wells were installed, and laboratory analysis of soil and groundwater was performed, to help determine the lateral and vertical migration of dissolved-phase hydrocarbons in the groundwater and dense nonaqueous phase liquids (DNAPLs) through glacial tills and several non-confining layers. Detailed drilling and sampling plans were necessary to ensure correct evaluation of vertical DNAPL migration. Aquifer tests were performed and receptor data were collected in order to formulate a quantitative assessment of both health-based and environmental risk.



- *Texaco Refining and Marketing Inc., Investigation and Remediation Programs, Various Locations, Southern California*— Responsible for remediation programs at several petroleum retail outlets for Texaco in the southern California area. Projects included soil and groundwater investigation programs, underground storage tank (UST) removals, remedial design (including design and implementation of vapor extraction and aquifer tests), implementation of remedial program, and operation and maintenance of remediation systems. This included designing, specifying, permitting, and installing of all equipment (including piping, downhole pumps, off-gas treatment, and water treatment).
- *Groundwater Contamination Investigation and Analysis, Technisol, Raymond, Alberta, Canada*— Conducted a groundwater investigation program at a solvent recycling facility located in southern Alberta, Canada. The program was implemented to determine the lateral and vertical extent of several species of chlorinated volatile organic compounds present in the confined aquifer beneath the facility. Aquifer testing was performed to estimate migration rates and to provide preliminary data for remedial action. Successfully negotiated with Alberta Environment (lead regulatory agency) for monitored natural attenuation approach.
- *Pier A Railyard, Port of Los Angeles, Los Angeles, California*— Managed a soil and groundwater investigation program at a Port of Los Angeles rail transfer yard. The objective of the project was to characterize previously identified polynuclear aromatic compounds, volatile organic compounds, and petroleum hydrocarbons in the soil and groundwater, and identify any regulated building materials in the site structures in order to facilitate an expedited redevelopment program. The project was finished ahead of schedule and under budget.
- *Soil and Groundwater Remediation, Texaco, Various Locations, Southern California*— Conducted vapor extraction tests, performed data analysis, and generated recommendations for an industrial manufacturing facility to determine the viability of using vapor extraction for remediating chlorinated solvents, primarily tetrachloroethene (PCE), present in the soil beneath the facility. Each test was designed to assess air flowrates and vacuums, vertical interference and crossflow, radii of influence, potential for water upwelling, and effectiveness of vapor extraction in both vadose and capillary zones. Extracted vapors were collected to determine volatile organic compound concentrations. Data were used to determine well spacing and slotting intervals, optimum flowrate/vacuum combinations, extraction blower sizing, and vapor treatment equipment.
- *Texaco, Various Locations, Southern California*— Responsible for preparation of South Coast Air Quality Management District (SCAQMD) permitting, installation, operation and maintenance of thermal and catalytic oxidizers/vapor extraction systems for the remediation of soil (containing petroleum hydrocarbons) beneath operating service stations.

EDUCATION

Bachelor of Science, Geology, University of Alberta, Alberta, 1988

PROFESSIONAL HISTORY

Northgate Environmental Management, Principal, 2006 to date

LFR Levine Fricke, Principal Hydrogeologist, 2002 – 2006

Integrated Environmental Services, Director of Operations/Senior Program Manager, 1999 – 2002

ARCADIS Geraghty & Miller, Inc. Senior Hydrogeologist, 1993 – 1999

Environmental Design Corporation, Vice President, 1992

Environmental Science & Engineering, Inc., Staff Geologist, 1991



Derrick S. Willis
Principal

Terracon Geotechnique, Ltd., Geologist, 1989 – 1991
Contract Positions, Various Locations, Geologist, 1988

REGISTRATIONS

Registered Geologist: Alberta, Canada No. 48113

