

APPENDIX E-1

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT (ENGEO, 2008)**

**PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT**

**CHELSEA WETLANDS
HERCULES, CALIFORNIA**

**SUBMITTED
TO
CITY OF HERCULES
HERCULES, CALIFORNIA**

**PREPARED
BY
ENGEIO INCORPORATED
PROJECT NO. 7970.200.101**

JUNE 20, 2008

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Project No.
7970.200.101

June 20, 2008

Ms. Liz Warmerdam
City of Hercules
111 Civic Drive
Hercules, California 94547

Subject: Chelsea Wetlands
APNs 404-020-049 and 404-351-131
Hercules, California

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Dear Ms. Warmerdam:

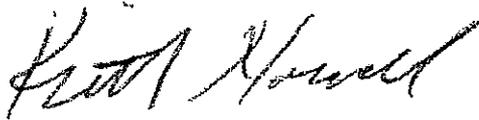
ENGEO Incorporated (ENGEO) is pleased to present our phase one environmental site assessment of the subject property (Property), located in Hercules, California. The attached report includes a description of the site assessment activities, along with ENGEO's findings, opinions, and conclusions regarding the Property.

ENGEO has the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the Property, and have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR part 312. We declare that, to the best of our professional knowledge and belief, the responsible charge for this study meets the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312 and ASTM 1527-05.

We are pleased to be of service to you on this project. If you have any questions concerning the contents of our report, please contact us.

Sincerely,

ENGEO Incorporated



Keith Nowell, PG



Shawn Munger, CHG, REAII

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EXECUTIVE SUMMARY

The Property is located southwest of the intersection of Railroad Avenue and Santa Fe Avenue in Hercules, California. The irregularly shaped Property is roughly 15 acres in area and is identified by Assessor's Parcel Numbers (APNs) 404-020-049 and 404-351-131. Topographic maps of the Property indicate that the elevation ranges from approximately 15 feet above mean sea level (msl) in the southeast to less than 10 feet above msl in the lower portions of the site.

The northernmost portion of the Property consists of a paved multi-use trail. No development on the remainder of the Property has been indicated since the early 1970s. Review of historical records indicate that development on portions of the Property predate 1939.

This assessment included a review of local, state, tribal, and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources. A reconnaissance of the Property was conducted to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials. The Property was formerly a portion of the 1,300 acres owned by Hercules Powder Company (HPC). We were unable to locate any HPC records indicating chemical storage or usage occurred at the Property. An interview was conducted with Dr. Joseph Mariotti, a representative of the Pinole Historical Society. Dr. Mariotti identified the use of a former on-site commercial structure as a wood crate manufacturing facility. He indicated he was unaware of environmental impacts associated with the property, or hazardous materials incidents in the immediate vicinity of the parcels.

The site reconnaissance and records review did not find documentation or physical evidence of significant soil or groundwater impairments associated with the use or past use of the Property. A review of regulatory databases maintained by county, state, tribal, and federal agencies found

no documentation of hazardous materials violations or discharge on the Property and did not identify contaminated facilities within the appropriate American Society for Testing and Materials (ASTM) search distances that would reasonably be expected to impact the Property.

ENGEO Incorporated (ENGEO) has performed a phase one environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05. Based on the findings of this assessment, no RECs and no historical RECs were identified for the Property.

Based on the review of regulatory databases and site reconnaissance, we present information on features that were either contained in the databases or observed on the Property. These features were not considered to be RECs, but may be considered potential RECs. We briefly discuss each feature below:

- Kinder Morgan, operator of a refined petroleum products pipeline within 100 feet of the northern Property boundary, was contacted for information regarding the operation of the pipeline. The Kinder Morgan has not responded to our information request.
- Portions of the Property are covered with about 50,000 cubic yards of undocumented fill. Without documentation regarding the source of the fill, it is conceivable the fill may contain chemical levels exceeding environmental screening levels for surface water habitats.
- The Property was previously a portion of the Hercules Powder Company property. Structures viewed on the northeast portion of the Property appear to be commercial/industrial. Hercules facilities involved in the processing, treatment, and/or storage of chemicals have demonstrated significant contamination at their facility east of the site.

ENGEO Incorporated has performed a phase one environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05. Based on the findings of this assessment, ENGEO provides the following recommendations:

- A fill characterization study should be performed to evaluate the fill material for the presence of chemicals at concentrations exceeding the RWQCB Surface Water Screening Levels. The piezometer observed on the Property should be evaluated for its' suitability for collection of a grab-groundwater sample.

- The former structure locations should be evaluated for the presence of impacts in connection with past site activities.
- A study along the northern portion of the Property should be conducted to address potential impacts associated with the refined product petroleum pipeline.
- An environmental professional should be present during pre-grading and fill removal activities to view areas of the site obscured by foundation elements and to observe the nature of the fill material.

1.0 INTRODUCTION

The Property is located less than 500 feet south of San Pablo Bay in northwest Hercules, California. The irregularly shaped Property is located along the south side of Railroad Avenue, with Santa Fe Avenue to the east, and Pinole Creek to the west. The southern site boundary is formed by Fawcett Drive and the Chelsea-by-the-Sea residential development (Figure 1). The currently undeveloped Property is roughly 15 acres in area and is identified by APNs 404-020-049 and 404-351-131 (Figure 2). We understand the site under consideration for wetland restoration.

1.1 Purpose of Phase One Environmental Site Assessment

This assessment was performed at the request of the City of Hercules for the purpose of environmental due diligence during property acquisition. The objective of this phase one environmental site assessment is to identify recognized environmental conditions associated with the Property. As defined in the ASTM Standard Practice E 1527-05, a REC is “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property”.

1.2 Detailed Scope of Services

The scope of services performed included the following:

- A review of publicly available and practically reviewable standard local, state, tribal, and federal environmental record sources.
- A review of publicly available and practically reviewable standard historical sources, aerial photographs, fire insurance maps and physical setting sources.

- A reconnaissance of the Property to review site use and current conditions. The reconnaissance was conducted to check for the storage, use, production or disposal of hazardous or potentially hazardous materials.
- Interviews with owners/occupants and public sector officials.
- Preparation of this report with our findings, opinions, and conclusions.

1.3 Limitations and Exceptions of Assessment

The professional staff at ENGEO strives to perform its services in a proper and professional manner with reasonable care and competence but is not infallible. The recommendations and conclusions presented in this report were based on the findings of our study, which were developed solely from the contracted services. The findings of the report are based in part on contracted database research, out-of-house reports and personal communications. The opinions formed by ENGEO are based on the assumed accuracy of the relied upon data in conjunction with our relevant professional experience related to such data interpretation. ENGEO assumes no liability for the validity of the materials relied upon in the preparation of this report.

This document must not be subject to unauthorized reuse; that is, reuse without written authorization of ENGEO. Such authorization is essential because it requires ENGEO to evaluate the document's applicability given new circumstances, not the least of which is passage of time. The findings from a phase one environmental site assessment are valid for one year after completion of the report, with updates of portions of the assessment may be necessary after a period 180 days of execution.

This phase one environmental site assessment is not intended to represent a complete soil or groundwater characterization nor define the depth or extent of soil or groundwater contamination. It is intended to provide an evaluation of potential environmental concerns associated with the use of the Property. A more extensive assessment that would include a subsurface exploration with laboratory testing of soil and groundwater samples could provide more definitive information

concerning site-specific conditions. If additional assessment activities are considered for the Property and if other entities are retained to provide such services, ENGEO cannot be held responsible for any and all claims arising from or resulting from the performance of such services by other persons or entities. ENGEO can also not be held responsible from any and all claims arising or resulting from clarifications, adjustments, modifications, discrepancies or other changes necessary to reflect changed field or other conditions.

1.4 Special Terms and Conditions

ENGEO has prepared this report for the exclusive use of our client, the City of Hercules. It is recognized and agreed that ENGEO has assumed responsibility only for undertaking the study for the client. The responsibility for disclosures or reports to a third party and for remedial or mitigative action shall be solely that of the Client.

Laboratory testing of soil or groundwater samples was not within the scope of the contracted services. The assessment did not include an asbestos survey, an evaluation of lead-based paint, or a mold survey.

This report is based upon field and other conditions discovered at the time of preparation of ENGEO's assessment. Visual observations referenced in this report are intended only to represent conditions at the time of the reconnaissance. ENGEO would not be aware of site contamination, such as dumping and/or accidental spillage that occurred subsequent to the reconnaissance conducted by ENGEO personnel.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The irregularly shaped Property is located in Hercules California and is bounded by Railroad Avenue on the north, Santa Fe Avenue on the east and Fawcett Drive and the Chelsea-by-the-Sea residential development on the south (Figure 1). The western limit of the property is separated from the north-flowing Pinole Creek by a multi-use trail. The Property is roughly 15 acres in area and is identified by Assessor's Parcel Numbers 404-020-049 and 404-351-131 (Figure 2). According to Contra Costa County Assessor's Office personnel, the parcels do not have a physical address.

2.2 Site and Vicinity Characteristics

The Property is centrally located near the northern terminus of Pinole Valley, less than 500 feet south of San Pablo Bay. The northern limit of the site is a paved multi-use trail. The paved trail, identified as a section of the Bay Trail, is situated on a raised berm several feet above surrounding grade. A sanitary sewer easement occupies the Bay Trail berm. The northerly-flowing Pinole Creek is located approximately 70 feet to the west of the Property. A westerly trending drainage enters Pinole Creek near the southwestern corner of the Property. According to published topographic maps, the Property ranges in elevation from approximately 15 above msl in the southeast to less than 10 feet above msl in the northwest site areas (Figure 3). The property has three distinct areas based on ground cover. The northern portion of the site, between the drainage ditch and the Bay Trail, is covered by thigh-high seasonal grasses and scattered trees and shrubs. This northern portion of the Property is bisected by a north-trending swale that terminates at a culvert at the base of the Bay Trail berm. The discharge end of the culvert was not located. A lowland was observed south and west of the drainage ditch, northeast of O'Neil Circle. Groundcover in this centrally located lowland consisted of short, ankle-high shrubbery with areas of bare earth. South of the lowland the property narrows into a gooseneck along Santa Fe Avenue, widening into a densely vegetated area.

Review of the 1997 USGS geologic map (Helley and Graymer, 1997) found that the Property is underlain by artificial fill. ENGEO performed a recent study (ENGEO 2008) at the Property's northern parcel. The published findings of the report describe the subsurface conditions as a surface layer of fill up to 5 feet thick. The fill, characterized as silty clay material with various amounts of claystone or siltstone fragments, was underlain by a layer of native clay described as soft and having characteristics of intertidal deposits (Bay Mud). Limited chemical testing of the fill was performed as a preliminary characterization to determine the suitability of the material for export. The characterization did not report the presence of any deleterious materials.

Geocheck – Physical Setting Source Summary of the Environmental Resources Data report (Appendix A) indicated no Federal United States Geological Survey (USGS) wells are located within one mile of the Property. The Physical Setting Source Summary also did not provide hydrogeologic information for use as an indicator of groundwater flow direction in the immediate area.

The site-specific depth to groundwater and direction of groundwater flow was not determined as part of this assessment. Based on the presence of water in the streams/ creeks in the site vicinity, groundwater is estimated to be within 10 feet of the ground surface. Observations made during the site reconnaissance indicate lower portions of the property are subject to seasonal flooding. Fluctuations in groundwater levels may occur seasonally and over a period of years due to variations in precipitation, tidal influence, temperature, irrigation and other factors.

2.3 Current Use of Property/Description of Site Improvements

The northernmost portion of the Property consists of a paved multi-use trail. Three sanitary sewer easements are located on or adjacent to the Property- one along the northern property boundary, one along the westernmost boundary near Pinole Creek, and one crossing the

gooseneck of Parcel 404-351-131 to Santa Fe Avenue. The remainder of the Property is undeveloped. Remnant foundations elements were visible in the north-central Property area at the time of the reconnaissance.

2.4 Current Use of Adjoining Properties

The Property is situated less than 500 feet south of San Pablo Bay with the intervening land, as described from south to north, consisting of a limited access-gated frontage road identified as Railroad Avenue, a two-track rail line and siding operated by Southern Pacific Railroad, and an intertidal mudflat. Easements between the Property and the railroad include a petroleum pipeline operated by Kinder Morgan Energy Partners, L.P, two fiber-optic cables, and a PG&E natural gas line. The property to the west, beyond a multi-use trail and Pinole Creek, is a recreational vehicle storage yard, with residential development beyond. A wastewater treatment plant operated by the City of Pinole is located along the bay margin to the northwest across the creek, frontage road, and railroad tracks. Lands to the south and east are residentially developed.

3.0 RECORDS REVIEW

3.1 Environmental Liens

First American Title Insurance Company included an Environmental Lien Search for the Property during preparation of the Preliminary Title Report for Parcel 404-020-049. The Preliminary Title Report, which is included in Appendix C, listed no environmental liens associated with the Property APN. A Preliminary Title Report for Parcel 404-351-131 was not provided for review. A questionnaire completed by the Clients' authorized representative indicated that she is not aware of any environmental cleanup liens recorded against the Property. A copy of the questionnaire is included in Appendix E.

3.2 Historical Record Sources

The purpose of the historical record review is to develop a history of the previous uses or occupancies of the Property and surrounding area in order to identify those uses or occupancies that are likely to have led to recognized environmental conditions on the Property.

3.2.1 Historical Topographic Maps

Historical USGS topographic maps were reviewed to determine if discernible changes in topography or improvements pertaining to the Property had been recorded. The following maps were provided to us through an EDR Historical Topographic Map Report, presented in Appendix B.

QUAD	YEAR (SURVEY DATE)	SERIES	SCALE
Napa	1902	30'	1:125,000
Mare Island	1914	15'	1:62,500
Mare Island	1947	15'	1:50,000
Mare Island	1949	7.5'	1:24,000
Mare Island	1959	7.5'	1:24,000
Mare Island	1968	7.5'	1:24,000

1902 Napa – The Property appears at an elevation of less than 100 feet above mean sea level (msl). San Pablo bay margin marshland appears to inlet farther south onto the Property. Pinole Creek is depicted along the east side of Pinole Valley. Railroad tracks to the north of the Property are present. A wharf or jetty is shown jutting out into San Pablo bay northwest of the property. The wharf is accessed by a road in the approximate location of the present day Tennent Avenue. No structures are indicated on the property. No other changes in site topography or hydrology are evident.

1914 Mare Island – The Property appears relatively level at an elevation of less than 20 feet msl. The bay margin is shown north of the railroad tracks in the approximate location of the current margin. The land type is not indicated for the Property but is shown as marsh north of the railroad. Pinole Creek may be present just west of the Property in the approximate location of the Pinole – Hercules city limits boundary. Several structures are depicted on the property- one in the northwest property area along the railroad, one in the northeast corner of the Property, and at least one near the southeastern corner of the Property. The northeastern structure is has a large footprint and indicative of a commercial structure. Based on elevations presented on the map 1902 and 1914 topographic maps, it is difficult to determine the cause of the retreated bay margin marshland. It is likely that fill has been placed to raise the grade for the structures and to provide a more suitable foundation base above the marsh deposits. No other changes in site topography or hydrology are evident.

1947 Mare Island – Three structures are depicted on the property. Two structures are shown in the northwest property area along a frontage road in the approximate location of Railroad Avenue, and one structure is indicated near the southeastern corner of the Property. Two structures are depicted to the west of the Property, across Pinole Creek and one is shown just off-site in the southeast property area. Fewer railroad tracks are indicated to the north of the Property. The wharf at the foot of Tennent Avenue previously depicted on the earlier topographic maps is not shown. Pinole Creek is depicted as a sinuous, gently meandering channel. No other changes in site topography or hydrology are evident.

1949 Mare Island – Several structures are depicted on the property. Two residential structures are shown in the northwest property area along the frontage road, and two residential structures, as indicated by the Pinole-Hercules boundary, are shown near the southeastern corner of the Property. A large commercial building is shown in the northeast site corner. Several residential structures are depicted to the west of the Property. Several residential structures are shown just off-site in the southeast property area and to the east across Santa Fe Avenue. Several railroad tracks are indicated to the north of the Property. No changes in site topography or hydrology are evident.

1959 and 1968 (Photorevised from 1959) Mare Island – The Property appears relatively level at an elevation between 5 feet and 10 feet msl. Structures depicted on the Property, as indicated by the Pinole-Hercules boundary, include the two structures in the northwest property area and one structure near the southeastern corner of the Property. Continued residential development is indicated to the west and southwest of the Property, across Pinole Creek. Structures to the southeast and to the east are shown. The railroad and siding(s) adjacent to the north side of the property are depicted on the maps. A sewage disposal facility is indicated to the northwest in the location of the current wastewater treatment plant. No changes in site topography or hydrology are evident.

1980 Mare Island – The Property appears relatively level at an elevation between 5 feet and 10 feet msl. One structure is depicted on the property: the structure depicted in the northwest property area. Fewer residential structures are depicted east of the Property. The Pinole Creek stream channel is shown but the stream is not depicted. No other changes in site topography or hydrology are evident.

3.2.2 Aerial Photographs

The following aerial photographs, provided by EDR, were reviewed for information regarding past conditions and land use at the Property and in the immediate vicinity. These photographs are presented in Appendix D.

FLYER	YEAR	SCALE
Fairchild	1939	1" = 555'
Cartwright	1958	1" = 555'
Cartwright	1965	1" = 333'
NASA	1973	1" = 541'
WSA	1982	1" = 690'
USGS	1993	1" = 666'
USGS	1998	1" = 666'
EDR	2005	1" = 484'

1939 – The Property appears as mostly undeveloped open space, with structures viewed at three corners of the site. Structures in the northwestern and southeastern site areas appear as residential structures, while the structure in the northeast corner of the property appears as commercial/ industrial building. A northeasterly trending drainage ditch is viewed along the southern edge of the northern parcel. The westward end of the ditch appears to terminate at the Hercules city limit. The easterly portion of the ditch opens into a lowland located in the northeastern portion of the southern parcel, which captures drainages from the east across a road in the approximate location of the current Santa Fe Avenue, and from south-southwesterly direction from an apparent abandoned Pinole Creek stream channel ox-bow. Residential structures are viewed to the east, northwest, and west of the property. Land to the south is undeveloped open space. Pinole Creek is shown as a gently meandering stream. Expressions of former Pinole Creek channel(s) are visible farther south. The Property fronts a road on the north with the railroad and mudflats beyond.

1958 – The Property appears as mostly undeveloped open space, with structures viewed at two corners of the site. A residential compound and an isolated small structure are visible in the northwestern site areas and several residential structures are viewed in the southeastern area of the Property. Residential structures are visible to the east, northwest, and west of the property. A wastewater treatment plan is viewed to the northwest across Pinole Creek and the railroad tracks. Land to the south is undeveloped open space with a portion of the adjacent southern land possibly dry farmed. The remaining surrounding properties appear similar.

1965 – The Property appears as mostly undeveloped open space, with one structure visible at the former residential compound and several residential structures viewed in the southeastern area of the Property. Remnant foundation elements are visible along the northern frontage road in the west and central portions of the Property. Adjacent land to the south-southeast appears as two baseball fields and appurtenant structures, with adjacent southern land possibly dry farmed or undeveloped open space. The remaining surrounding properties appear similar to 1958.

1973 – The Property appears as mostly undeveloped seasonal grassland, with several residential structures visible at the southeastern site area. The site appears graded, with no evidence of remnant structures. The drainage ditch along the south of the northern parcel appears well defined and a drainage ditch is visible, which connects with the southern parcel. Adjacent land to the south-southeast appears as three baseball fields with appurtenant structures, with undeveloped open space on the adjacent southern land. The Pinole Creek channel no longer meanders but is viewed as linear segments of an engineered flood control channel. Expressions of former Pinole Creek channel(s) are visible farther south. Formerly undeveloped land to the southwest, across Pinole Creek, appears as vehicle storage yard. The remaining surrounding properties appear similar to 1968.

1982 – The Property appears as undeveloped seasonal grassland with no structures visible. Adjacent land to the south is viewed as undeveloped open space. Lands to the east have fewer residential structures and the residential structures adjoining the southeastern portion of the site are no longer present. The remaining surrounding properties appear similar to 1973.

1993 - 2005 – The Property appears as undeveloped seasonal wetland. Ponded water is visible in the northeastern portion of the southern parcel on the 1993 aerial photograph. A north-northwesterly trending drainage ditch bisects the northern parcel. Adjacent land to the south is viewed as a residential development. A park site and residential structures are visible to the east across Santa Fe Avenue. The remaining surrounding properties appear similar to 1982.

3.2.3 Fire Insurance Maps

EDR prepared a Sanborn Fire insurance map search for the Property and surrounding properties. EDR reported that no maps were available for the Property and surrounding properties.

3.2.4 City Directory

City Directories, published since the 18th century for major towns and cities, lists the name of the resident or business associated with each address. A city directory search conducted by EDR did not locate address listings for the Property or adjoining properties.

3.2.5 Title Report/Ownership

The Title Report lists recorded land title detail, ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against a subject property. Laws and regulations pertaining to land trusts vary from state to state and the detail of information presented in a Title Report can vary greatly by jurisdiction. As a result, ENGEO utilizes a Title Report, when provided to us, as a supplement to other historical record sources.

A Preliminary Title Report for a portion of the Property, prepared by First American Title Company and dated May 21, 2007, was provided for our review. The Preliminary Title Report was prepared for the parcel having the APN 404-020-049. The Property title is vested in the City of Hercules, a municipal corporation. No references to environmental liens, deed restrictions or other potential environmental issues were noted. This report is included in Appendix C. A Preliminary Title Report for Parcel 404-351-131 was not provided for review.

3.2.6 Government Agencies

The following agencies were contacted pertaining to possible past development and/or activity at the Property.

- Hercules Building and Planning Departments
- Rodeo-Hercules Fire District
- Pinole Fire Department
- Contra Costa Department of Environmental Health
- Contra Costa County Assessor's Office
- California Regional Water Quality Control Board
- Department of Toxic Substances Control

Hercules Building and Planning Departments indicated the two subject parcels are lands set aside as common areas for wetland development during the development of the Chelsea-by-the-Sea residential subdivision. The Building Department was unable to locate files for the Property, based on the lack of physical addresses for the parcels and the retired parcels for the Property.

A request for information was submitted to the Rodeo-Hercules Fire District (RHFD), for information pertaining to hazardous materials usage, storage, releases, or dumping at the Property. Battalion Chief Alan Biagi responded to the information request. Battalion Chief Biagi stated the RHFD has no record of calls to the subject parcels. He informed ENGEO that Department personnel are unaware of leakage or releases from the adjoining (Kinder-Morgan) petroleum pipeline nor are they aware of the occurrence of any railcar derailments opposite the

property. Battalion Chief Biagi mentioned that once or twice a year, the Department responds to calls regarding the release of fluids from railcars on the siding. The releases are in the form of vapor and drippage as a result of pressure build-up during hot weather. Battalion Chief Biagi stated the venting is routine and the releases minor, and has not required a hazardous materials response.

A request for information was submitted to the Contra Costa County Environmental Health Division for information pertaining to several nearby sites that experienced release potentially impacting the Property. Four of the County files were reviewed for information to assess the potential impacts to the Property

Cities of Pinole/Hercules WPCP, The Pinole/Hercules Water Pollution Control Plant (aka wastewater treatment plant) is located approximately 300 feet west of the Property at 11 Tennant Avenue. The facility is situated along the bay margin in the City of Pinole. It was originally built in 1955 and has undergone periodic expansions/modifications in response to the areas growing population. The site is also the location of a City of Pinole vehicle maintenance facility. The WPCP and associated vehicle maintenance facility currently uses above-ground tanks for the storage of hazardous materials. The following table presents a recent hazardous materials inventory for the WPCP/maintenance facility:

Material	Storage Vessel Capacity	Storage Method
Sodium Hypochlorate- 12.5%	12,000 gallons	Above ground tank
Sodium Bisulfate- 25%	2 x 7,000 gallons	Above ground tanks
Ferrous Chloride- 32% (0.2% HCl)	1,500 gallons	Above ground tank
Sodium Hydroxide- 25% (Caustic soda)	4,000 gallons	Above ground tank
Hydrogen peroxide- 35%	2 x 55-gallon	Drums
Diesel	4,000 gallons	Above ground tank
Gasoline	1,750 gallons	Above ground tank
Oil	9 x 55- gallon	Drums
Waste oil	250 gallons	Above ground tank
Paint (latex)	70 gallons	Pails

No documented unauthorized releases were identified for the WPCP during the file review.

The WPCP facility is listed as a former UST location. In 1996, a hydraulic hoist oil leak was reported in addition to removal of three underground fuel storage tanks (USTs). According to the County records a single-wall steel (SWS) UST, with a capacity of about 1,200 gallons, was installed in 1970 for the storage of diesel fuel. The tank was later converted to the storage of gasoline. A second SWS gasoline UST, having a capacity of approximately 8,000 gallons, was installed in 1980. A 1,500-gallon fiberglass UST was installed in 1983. At the time of the removal of the three USTs, the tanks were reported in good condition with no obvious holes observed. Low levels (<30 milligrams per kilogram- mg/kg) of petroleum hydrocarbons were reported in the tank pit sidewalls. One of the six soil samples collected from the tank pit was reported to contain benzene. The benzene concentration was documented at 0.006 mg/kg. The tanks were replaced by two above-ground convaults. At the time of the UST removals, a hydraulic hoist leak was reported to affect groundwater. No other mention of the hoist leak was noted in the County file. The County issued a UST Site Closure letter on May 19, 2006.

The facility is listed as a hazardous waste generator due the spent fluids generated by the vehicle maintenance facility. No documented unauthorized releases or material handling violations associated with the maintenance facility were identified during the file review.

Square Deal Garage, The garage, located at 2500 San Pablo Avenue and approximately 2,100 feet south of the Property, is listed as an open case leaking underground storage tank (LUST) facility. The Square Deal Garage operated two 1,200-gallon USTs for storage of gasoline. When the tanks were removed in June 1991, large holes were identified in both tanks. Sampling of the tank pit revealed the presence of significant levels of volatile hydrocarbons and the fuel components remaining in the soil beneath the facility. Concentrations were reported up to 2,400 mg/kg as gasoline range petroleum hydrocarbons, 9.7 mg/kg benzene, 31 mg/kg toluene, 66 mg/kg ethylbenzene, and 230 mg/kg xylenes. The County file did not reveal further study having been performed at the facility. The LUST case is listed as "soil only". The Square Deal Garage is identified as a small quantity generator of hazardous waste for the generation of spent automotive fluids and batteries. No violations were identified in the generator file.

Former Shell Station Shell Oil Co. operated a gas station at the southeast corner of San Pablo Avenue and Tennent Avenue at 2301 San Pablo Avenue in Pinole, located about ½-mile south of the Property. The facility location is currently a vacant lot. The gas station/maintenance facility operated from circa-1960 through 2000, when the station was demolished. The facility attained *Case Closed* status by the RWQCB in September 2007. Environmental investigations for the property included advancing numerous soil borings and the installation of 11 groundwater monitoring wells. Remedial activities at the property included the excavation and removal of approximately 1,100 cubic-yards of soil and extraction of about 100,000 gallons of groundwater for off-site treatment or disposal. Low concentrations of residual hydrocarbons were reported to remain in the soil and groundwater beneath the site. Groundwater studies for the facility determined the direction of groundwater flow is the northerly direction. The studies suggested that off-site migration of contaminants was limited to the general vicinity of the facility. The former Shell facility is located on the opposite side of Pinole Creek as the subject Property.

The Pump House is an active gas station-convenience store located at 700 Tennent Avenue, Pinole at the southwest corner of San Pablo Avenue and Tennant Avenue. The facility is about ½-mile south-southwest of the Property. A gas station has operated at this location since the early 1960s. The facility is identified as a UST site by the RWQCB. Three gasoline USTs were removed for upgrading in 1994. No documentation of the condition of the USTs or documentation of tank pit confirmation sampling was evident in the County files. However, one of the tanks failed annual pressure testing on at least three occasions. Sampling of soil beneath the product lines revealed the presence of low levels (<1 mg/kg) of petroleum hydrocarbons in soil near a dispenser island. The Pump House facility is located on the opposite side of Pinole Creek as the subject Property.

Based on the findings of the Contra Costa County Environmental Health Division file review, these facilities would not be considered to have the potential to significantly impact the subject property.

The Pinole Fire Department was contacted for information pertaining to the active gas station at 700 Tennent Avenue. A Fire Department representative said the station predates the department's records and that a gas station was present at that location since at least the early 1960s. A hotel was viewed at that location in a 1959 aerial view of Pinole.

The Contra Costa County Assessor's Office was contacted for information pertaining to the history of the Parcels comprising the site. Assessor's Office personnel located retired parcel books showing former parcel alignments including the Property. Both parcels comprising the study area were part of a larger parcel prior to the mid 1980s. The parcel, APN 404-020-046, was about 25 acres in area and had an address listed only as *San Pablo Avenue*. Assessor's Office personnel found no record of improvements for the -046 parcel. The earliest parcel book, apparently dated from the mid 1950s, identified the Property as part of an approximately 136-acre parcel belonging to the Hercules Powder Co. The APN for the parcel was 55004-5, a previous parcel numbering system. The 1950s parcel book also indicated the mudflat north of the Property and railroad tracks belonged to the Hercules Powder Co. Assessor's Office personnel did not locate records indicating the land use or addressing of the -5 parcel, nor could they locate any records predating the parcel book, which they estimated as being from the mid-1950s.

3.3 Environmental Record Sources

EDR performed a search of federal, tribal, state, and local databases regarding the Property and nearby properties. Details regarding the databases searched by EDR are provided in Appendix A. A list of the facilities documented by EDR within the approximate minimum search distance of the Property is provided below:

3.3.1 Federal ASTM Standard/Supplemental Sources

3.3.1.1 Subject Property

The Property is not listed on the Federal ASTM Standard or supplemental sources.

3.3.1.2 Other Properties

The following databases include facilities listed within the appropriate ASTM search distances of the Property on Federal ASTM Standard or supplemental sources.

CERCLIS-NFRAP – CERCLIS No Further Remedial Action Planned – As of February 1995, CERCLIS sites designated “No Further Remedial Action Planned” (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. A review of the CERC-NFRAP list, as provided by EDR, and dated 12/03/2007 has revealed that there is one CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Property Name</u>	<u>Property Address</u>
Hercules Powder Co	560 Railroad Ave

RCRA-SQG: RCRA - Small Quantity Generators 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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2008 has revealed that there is one RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Property Name</u>	<u>Property Address</u>
Hercules Powder Co	560 Railroad Ave

RCRA-NonGen: RCRA - Non Generators 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. 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). Non-Generators do not presently generate hazardous waste. A review of the RCRA-NonGen list, as provided by EDR, and dated 03/06/2008 has revealed that there are three RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Property Name</u>	<u>Property Address</u>
Hercules Village	560 Railroad
Martinez Industrial Services	446 Railroad Ave
Alfred Conhagen Inc	444 Railroad Ave

3.3.2 State ASTM Standard/Supplemental Sources

3.3.2.1 Subject Property

The Property is not listed on the State ASTM Standard or supplemental sources.

3.3.2.2 Other Properties

The following databases include facilities listed within the appropriate ASTM search distances of the Property on State ASTM Standard or supplemental sources.

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. The database is longer updated by the state agency, having been replaced by ENVIROSTOR. A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are four HIST Cal-Sites sites within approximately 1 mile of the target property.

Property Name

Hercules, Inc.
Centex Homes Of California
Bio-Rad Laboratories
Hercules Inc

Property Address

560 Railroad Avenue
I-80 / Sycamore
Hercules Industrial Park
Corner Of San Pablo Ave

CA BOND EXP. PLAN – A site-specific expenditure plan used as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. This has been superceded by the Annual Work Plan (AWP). A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are two CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

Property Name

Hercules, Inc.
Hercules, Inc.

Property Address

560 Railroad Avenue
Corner Of San Pablo Ave

CORTESE – “Cortese” Hazardous Waste and Substances Sites List – Listed sites are designated by the State Water Resources Control Board (LUST), the Integrated Waste Board (SWF/LF), and the Department of Toxic Substances Control (Cal-Sites). A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are four Cortese sites within approximately 0.5 miles of the target property.

<u>Property Name</u>	<u>Property Address</u>
Hercules Properties, Ltd	560 Railroad
Pacific Refining Co	4901 San Pablo Ave
Square Deal Garage	2500 San Pablo Ave
Shell Oil Co	2301 San Pablo/Tennant

LUST – Leaking Underground Storage Tank Information System – Contains an inventory of reported leaking underground storage tank incidents. A review of the LUST list, as provided by EDR, and dated 04/08/2008 has revealed that there are three LUST sites within approximately 0.5 miles of the target property.

<u>Property Name</u>	<u>Property Address</u>
Pacific Refining Company	4901 San Pablo Ave
Square Deal Garage	2500 San Pablo Ave
Shell Oil Co	2301 San Pablo/Tennant

SLIC – Spills, Leaks, Investigations & Cleanup – Unregulated sites that impact groundwater or have the potential to impact groundwater. A review of the SLIC list, as provided by EDR, and dated 04/08/2008 has revealed that there are two SLIC sites within approximately 0.5 miles of the target property.

<u>Property Name</u>	<u>Property Address</u>
Hercules Industrial Property	560 Railroad
Pacific Refining Co	4901 San Pablo Ave

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 1990’s. The listing is no longer updated or maintained. A review of the UST list, as provided by EDR, and dated 07/07/2005 has revealed that there is one site within approximately 0.25 miles of the target property

<u>Property Name</u>	<u>Property Address</u>
Pinole Waste Water Treatment Plant (Identified from the “Orphan Summary” list)	11 Tennent Ave

DEED – List of Deed Restrictions – A database of deed-restricted properties maintained by DTSC. A review of the DEED list, as provided by EDR, and dated 04/01/2008 has revealed that there is one DEED site within approximately 0.5 miles of the target property.

<u>Property Name</u>	<u>Property Address</u>
Hercules, Inc.	560 Railroad Avenue

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. A review of the RESPONSE list, as provided by EDR, and dated 02/26/2008 has revealed that there are four RESPONSE sites within approximately 1 mile of the target property.

Property Name

Hercules, Inc
Centex Homes Of California
Bio-Rad Laboratories
Hercules Inc

Property Address

560 Railroad Avenue
I-80 / Sycamore
2000 Alfred Nobel Drive
Corner Of San Pablo Ave

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 information similar 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. A review of the ENVIROSTOR list, as provided by EDR, and dated 02/26/2008 has revealed that there are five ENVIROSTOR sites within approximately 1 mile of the target property.

Property Name

Hercules, Inc.
Centex Homes Of California
Gelsar
Bio-Rad Laboratories
Hercules Inc

Property Address

1/8 560 Railroad Avenue
I-80 / Sycamore
San Pablo Avenue/Sycamore
2000 Alfred Nobel Drive
Corner Of San Pablo Ave

3.3.3 Local ASTM Supplemental Sources

3.3.3.1 Subject Property

The Property is not listed on Local ASTM supplemental databases.

3.3.3.2 Other Properties

The following properties within appropriate ASTM search distances of the Property were identified on Local ASTM Supplemental sources:

- **Contra Costa County Site List** – Database maintained by the Contra Costa County Health Services Department; the list includes sites from the underground tank, hazardous waste generator, and business plan/2185 programs. A review of the CONTRA COSTA CO. SITE LIST, as provided by EDR, and dated 03/07/2008 has revealed that there are five CONTRA COSTA CO. SITE LIST sites within approximately 0.25 miles of the target property.

<u>Property Name</u>	<u>Property Address</u>
Hercules Properties, Ltd	560 Railroad
Cities Of Pinole/Hercules Wpcp	11 Tennent Ave
Blair And Sons	446 Railroad Ave
C & C Enterprises	444 Railroad Ave
Armadillo Enterprises	777 Railroad Ave

3.3.4 Discussion of Significant Listings

The listings identified as Hercules Powder Co, Hercules, Inc, Centex Homes of California, Hercules Village, Hercules Properties, LTD, Hercules Industrial Property, and Gelsar refer to either portions of or the entire 1,300-acre Hercules property used for manufacturing explosives or fertilizer from the late 1800's to the late 1970's. The portions of the Hercules property operated as manufacturing, development and storage were determined to be contaminated with a variety of organic and inorganic chemicals. Since that time, much of the property has been remediated under oversight of the DTSC. Several residential developments currently occupy the facility property with mixed-use developments planned for the remaining unrestricted lands. One portion of the site presently has a Deed Restriction/Land Use Covenant restricting the area for commercial development. These identified manufacturing, development, and storage areas associated with the former facility were located at least ¼-mile east of the Property.

Based on the distances to the identified database sites, regional topographic gradient, and the EDR findings, it is unlikely that the above-stated database sites pose an environmental risk to the Property. The Pinole Wastewater Treatment Plant identified in the "Orphan Summary" list currently operates as the Pinole/Hercules Wastewater Treatment Plant. Other properties that are on the "Orphan Summary" list are located beyond the ASTM recommended radius search criteria.

4.0 SITE RECONNAISSANCE

4.1 Methodology

ENGEO conducted a reconnaissance of the Property on May 21, 2008. The Property was viewed for hazardous materials storage, superficial staining or discoloration, debris, stressed vegetation, or other conditions that may be indicative of potential sources of soil or groundwater contamination. The site was also checked for evidence of fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks. Photographs taken during the site reconnaissance are presented in Figure 4.

Dense groundcover obscured much of the land surface during the reconnaissance. The portion of the site southwest of the gooseneck was covered in dense shrubbery, preventing access to that section of the Property.

4.2 General Site Setting

The irregularly shaped Property is roughly 15 acres in area and is located about 500 feet south of San Pablo Bay in northwest Hercules, California. The site is bounded by Railroad Avenue on the north, Santa Fe Avenue on the east and Fawcett Drive and the Chelsea-by-the-Sea residential development on the south. Railroad Avenue, a former frontage road, has restricted access with gates near Tennent Avenue on the west and near Santa Fe Avenue to the east. The western limit of the property approaches the north-flowing Pinole Creek. Principal access to the Property is from the north and from the east. The site can also be accessed from the west via a gravel path along the east side of Pinole Creek, near the northwest Property area. Fill was observed along the northern property boundary forming the Bay Trail berm. A recent geotechnical study performed by ENGEO reported fill over much of the northern parcel. Remnant foundation elements along with trace quantities of concrete and asphaltics were noted on the northern parcel during the site walkover.

The following observations were recorded during the site reconnaissance:

4.3 Exterior Observations

Structures. No structures were observed on the Property.

Hazardous Substances and Petroleum Products in Connection with Identified Uses. No hazardous substances or petroleum products were observed within the Property.

Storage Tanks. No above-ground storage tanks or evidence of existing underground storage tanks was observed.

Odors. No odors indicative of hazardous materials or petroleum material impacts were noted.

Pools of Potentially Hazardous Liquid. No pools of potentially hazardous liquid were observed within the Property.

Drums. No drums were observed on the Property.

Hazardous Substance and Petroleum Product Containers. No hazardous substance and petroleum product containers were observed on the Property.

Polychlorinated Biphenyls (PCBs). No PCB containing materials, including transformers, were observed within the Property during our site reconnaissance. Two pole-mounted transformers were viewed adjacent to the Property near the northeast corner of the site. The units appeared in good condition and no evidence of leakage was noted.

Pits, Ponds and Lagoons. Based on field observations, portions of the Property appear to flood seasonally. No standing water was observed in the lower areas of the site; however, water was observed in a drainage ditch located along the southern property boundary. The ditch outlets to Pinole Creek. No pits, ponds or lagoons were observed within the Property. Several of the adjacent residential properties were observed to discharge water onto the Property.

Stained Soil/Pavement. No stained soil or pavement was observed within the Property.

Stressed Vegetation. No signs of stressed vegetation were observed on the Property.

Solid Waste/Debris No disposal of solid waste was observed at the subject property.

Wastewater. A sanitary sewer line is present within the berm bounding the northern portion of the Property. No evidence of wastewater discharge was noted on the Property.

Wells. No wells were observed within the Property during our site reconnaissance. A 1½-foot length of vertically-oriented PVC pipe was viewed sticking up out of the ground in the central lowland. City of Hercules personnel were contacted with regard to the pipe. Mr. Brent Salmi confirmed that piezometers were installed on the Property in the late 1970s. The uncapped pipe may be a piezometer for measuring groundwater levels at the site.

Septic Systems. No evidence of septic systems was observed within the Property.

4.4 Asbestos-Containing Materials and Lead-Based Paint

An asbestos and lead-based paint survey was not conducted as part of this assessment. No evidence of asbestos-containing materials and lead-based paint materials were observed at the site.

4.5 Indoor Air Quality

An evaluation of indoor air quality, mold, or radon was not included as part of the contracted scope of services. The California Department of Health Services has conducted studies of radon risks throughout the state, sorted by zip code. Results of the studies indicate that five tests were conducted within the Property zip code, with no tests exceeding the current EPA action level of 4 picocuries per liter [pCi/L]¹).

¹ California Department of Health Services – Division of Drinking Water and Environmental Management – Radon (<http://ww2.cdph.ca.gov/HealthInfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf>).

5.0 INTERVIEWS

Ms. Elizabeth Warmerdam, representing the City of Hercules, completed an environmental site assessment questionnaire pertaining to user-related applicable environmental information regarding the Property. In the questionnaire, Ms Warmerdam identifies approximately 50,000 cubic yards of soil from an unknown source has been placed on the property. Ms Warmerdam is not aware of other potential environmentally related issues with the Property. The questionnaire is presented in its entirety in Appendix E.

The Pinole Historical Society (PHS) was contacted for information regarding the prior usage of the Property and it's vicinity. Pinole Historical Society representative Dr. Joseph Mariotti, a long time resident of the area, was interviewed on May 21, 2008. Dr. Mariotti shared his knowledge of the history of the area in addition to producing an aerial image and personal photographs of the property dating back more than 45 years. Dr. Mariotti identified the commercial structure located at the northeast corner of the site as a plant for producing wood crates for the Hercules Powder Company, an explosives manufacturing facility located east of the Property. He was familiar with one of the residences located in the northwest study area, identifying the occupants and some construction details for the structure. Dr. Mariotti recalls the berm fronting the northern portion of the Property was placed in the 1970s and is occupied by a City of Hercules sewer line feeding the nearby Pinole-Hercules Waste Water Treatment Plant at the foot of Tennent Avenue. He said grading occurred in the 1970s or early 1980s to raise the valley floor above the 50-year flood plain. Dr. Mariotti said the source of the material used to raise grades in the portion of Pinole Valley south of the Property was the lower reaches of the hills forming the east side of the valley. Dr. Mariotti mentioned the former Shell station at the corner of San Pablo and Tennent Avenues predates the late 1960s; the site of the Coast gas station at the same intersection was previously occupied by a hotel; and the site of the Square Deal Garage was formerly a butcher shop which was converted to automobile repair in the 1920s or 1930s. He mentioned the drainage ditch traversing westerly across the Property is a remnant

stream channel, which exited the hills east of the site. Dr. Mariotti indicated he was not aware of any environmental impacts associated with the Property.

Kinder Morgan Energy Partners, LP (Kinder Morgan) operates a refined petroleum products pipeline within 100 feet of the northern Property boundary. Kinder Morgan was contacted for information regarding the operation of the pipeline and if they were aware of pipeline leakage or releases in the vicinity of the Property. The Kinder Morgan has not responded to our information request.

6.0 FINDINGS

ENGEO has performed a phase one environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05 “Standard Practice for Environmental Site Assessments” and USEPA “Standards and Practices for All Appropriate Inquires”, 40 CFR Part 312. Based on the findings of this assessment, no Recognized Environmental Conditions (RECs) or Historic RECs were identified at the Property.

Potential RECs exist for the Property: the presence of the Kinder Morgan petroleum pipeline, the 50,000 cubic yards of undocumented fill estimated to be present on the Property, and former site structures possibly associated with the Hercules Powder Company.

7.0 OPINIONS AND DATA GAPS

It is our opinion that the findings of this study are based on a sufficient level of information obtained during our contracted scope of services to render a conclusion as to whether additional appropriate investigation is required to identify the presence or likely presence of a REC.

- A Chain of Title Report documenting the history of Property ownership was not provided for review.
- A Preliminary Title Report for Parcel 404-351-131 was not provided for review.
- Site development predates most of the historical data sources.
- No permitting records were located to assist in the identification of Property usage.
- We were unable to locate previous owner(s) of the Property prior to 1995.
- A portion of the southern Property was deemed inaccessible; therefore, this area was not included in the site reconnaissance.
- Kinder Morgan was contacted for information regarding the operation of the pipeline and if they were aware of pipeline leakage or releases in the vicinity of the Property. The Kinder Morgan has not responded to our information request.

Based on the presence of the adjacent Kinder Morgan petroleum pipeline, on-site presence of undocumented fill, and the association with the former Hercules Powder Company, ENGEO recommends studies be performed to evaluate the Property for potential impact from these sources.

8.0 CONCLUSIONS

The study included a review of local, state and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources, a reconnaissance of the Property to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials and interview with persons knowledgeable about current and past site use.

The site reconnaissance and records review did not find documentation or physical evidence of significant soil or groundwater impairments associated with the use of the Property. A review of regulatory databases maintained by county, state, and federal agencies found no documentation of hazardous materials violations or discharge on the Property. A review of regulatory agency records and available databases did not identify contaminated facilities within the appropriate ASTM search distances that would be expected to impact the Property.

Based on the findings of this assessment, no RECs and no historical RECs were identified for the Property.

Based on the review of regulatory databases and site reconnaissance, we present information on features that were either contained in the databases or observed on the Property. These features were not considered to be RECs, but may be considered potential RECs. We briefly discuss each feature below:

- Kinder Morgan, operator of a refined petroleum products pipeline within 100 feet of the northern Property boundary, was contacted for information regarding the operation of the pipeline. Kinder Morgan has not responded to the ENGEO information request.
- Portions of the Property are covered with about 50,000 cubic yards of undocumented fill. Without documentation regarding the source of the fill, it is conceivable the fill may contain chemical levels exceeding environmental screening levels for surface water habitats.

- The Property was previously a portion of the Hercules Powder Company property. Structures viewed on the northeast portion of the Property appear to be commercial/industrial. Hercules facilities involved in the processing, treatment, and/or storage of chemicals have demonstrated significant contamination at their facility east of the site.

ENGEO Incorporated has performed a phase one environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05. Based on the findings of this assessment, ENGEO recommends

- A fill characterization study should be performed to evaluate the fill material for the presence of chemicals at concentrations exceeding the RWQCB Surface Water Screening Levels. The piezometer observed on the Property should be evaluated for its' suitability for collection of a grab-groundwater sample.
- The former structure locations should be evaluated for the presence of impacts in connection with past site activities.
- A study along the northern portion of the Property should be conducted to address potential impacts associated with the refined product petroleum pipeline.
- An environmental professional should be present during pre-grading and fill removal activities to view areas of the site obscured by foundation elements and to observe the nature of the fill material.

SELECTED REFERENCES

California Department of Water Resources (<http://wdl.water.ca.gov>)

Helley, E. J. and R. W. Graymer, 1997, Quaternary Geology of Contra Costa County, and Surrounding Areas: Derived from the U.S. Geological Survey Digital Database Open-File 97-98.

ENGEO Incorporated, Preliminary Geotechnical and Environmental Site Assessment Study, APN 404-020-049, March 14, 2008

Google Maps (<http://maps.google.com>)

NETR Online Historic Aerials (<http://historicaerials.com/>)

United States Environmental Protection Agency Indoor Air Quality Website (<http://www.dhs.ca.gov/ps/ddwem/environmental/radon/PDFs/california%20radon%20data%20base%209.16.2005.pdf>) Last Updated 7/01/2008.

USGS 7.5' Mare Island Quadrangle- dated 1949, 1959, and 1968

USGS 15' Mare Island Quadrangle- dated 1914 and 1947

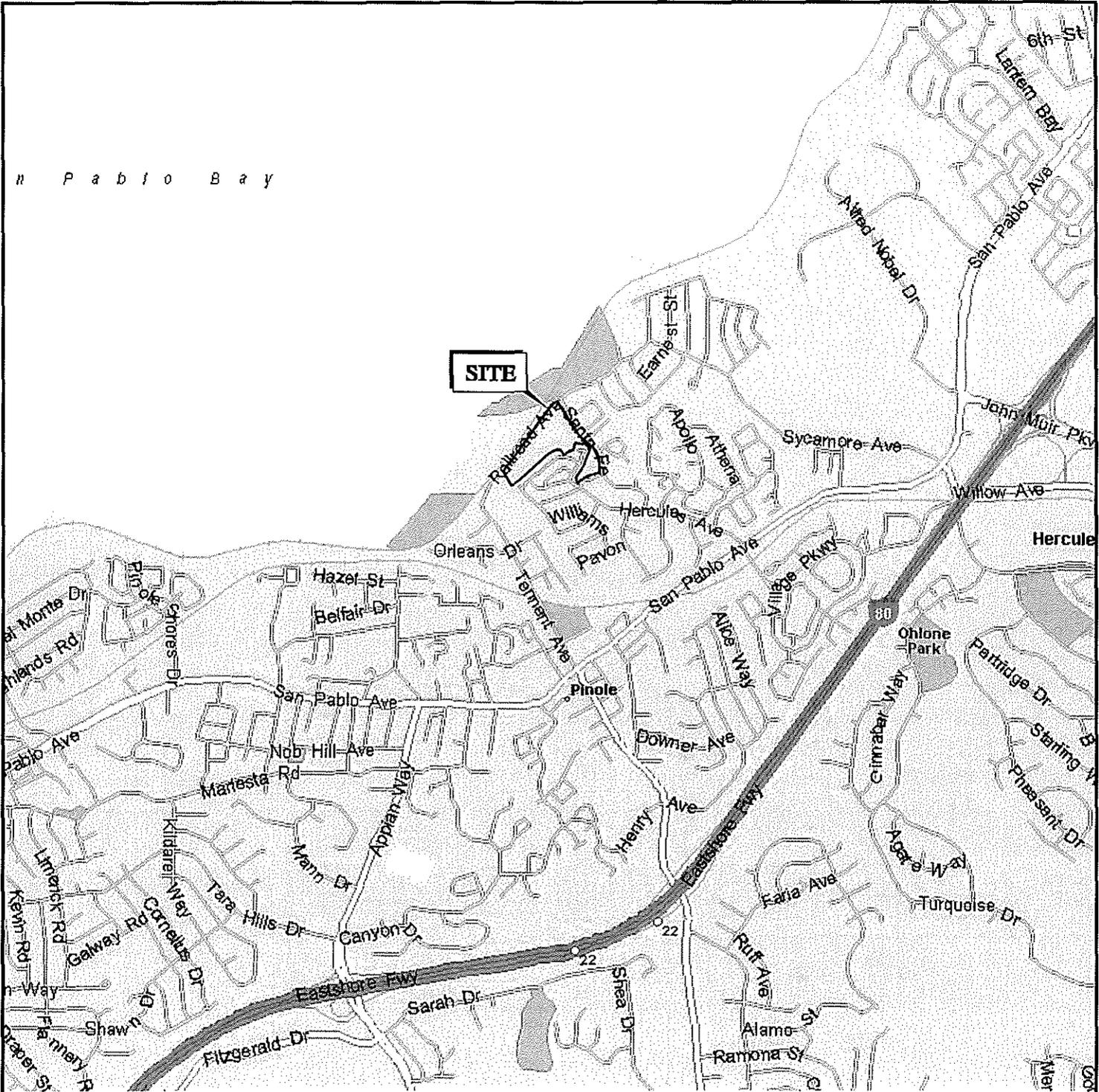
USGS 30' Napa Quadrangle- dated 1902

LIST OF FIGURES

Figure 1	Vicinity Map
Figure 2	Assessor's Parcel Map
Figure 3	Topographic Map
Figure 4	Site Photographs

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n P a b l o B a y



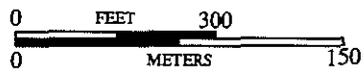
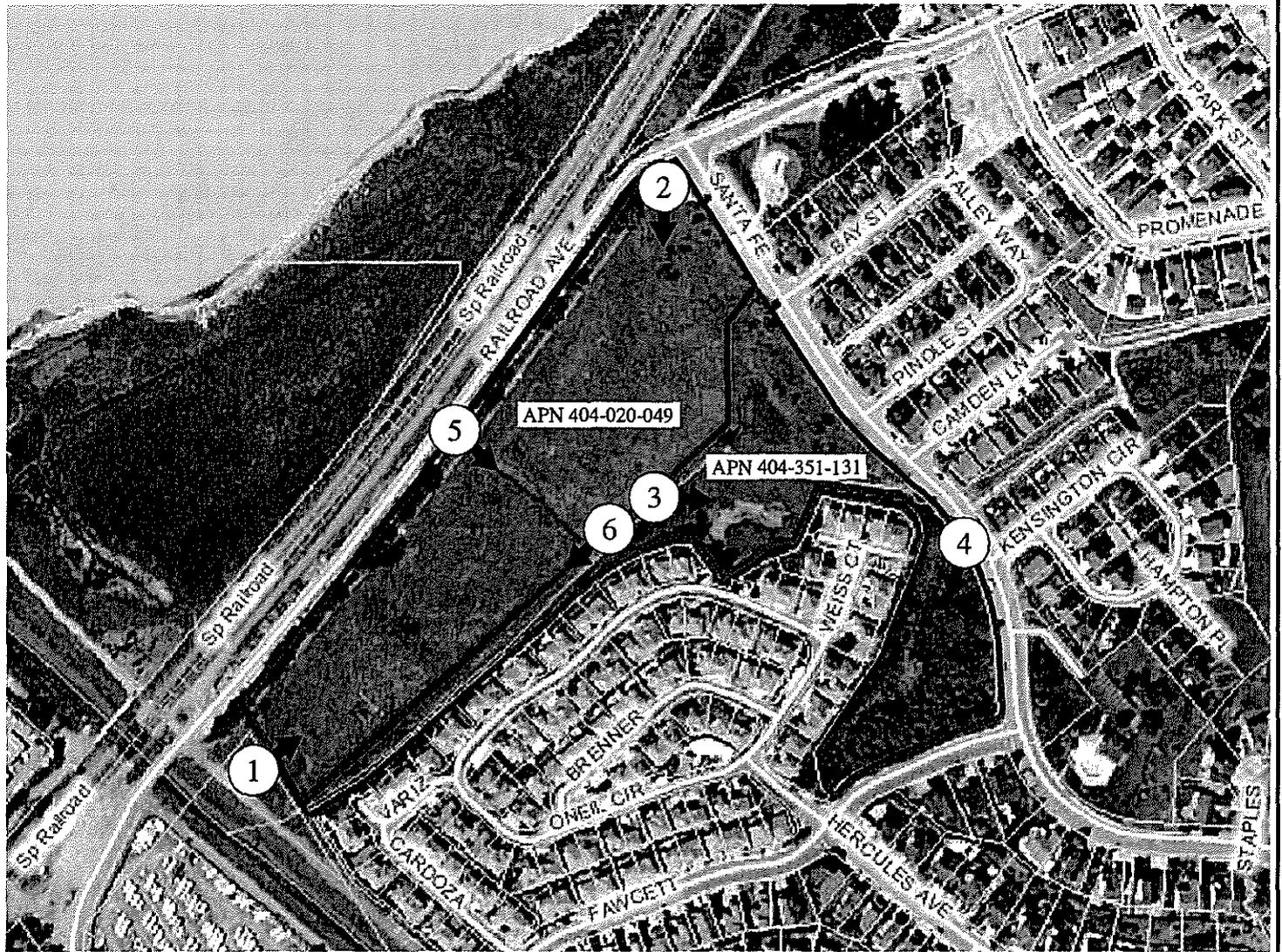
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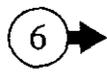
VICINITY MAP
 SANTA FE WETLAND RESTORATION PROJECT
 HERCULES, CALIFORNIA

PROJECT NO.: 7970.200.101	FIGURE NO.
DATE: JUNE 2008	1
DRAWN BY: SRP	

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EXPLANATION



APPROXIMATE LOCATION AND DIRECTION OF PHOTOGRAPHS (SEE FIGURE 4)

BASE MAP SOURCE: CONTRA COSTA COUNTY GIS - CCMAP

NO SCALE

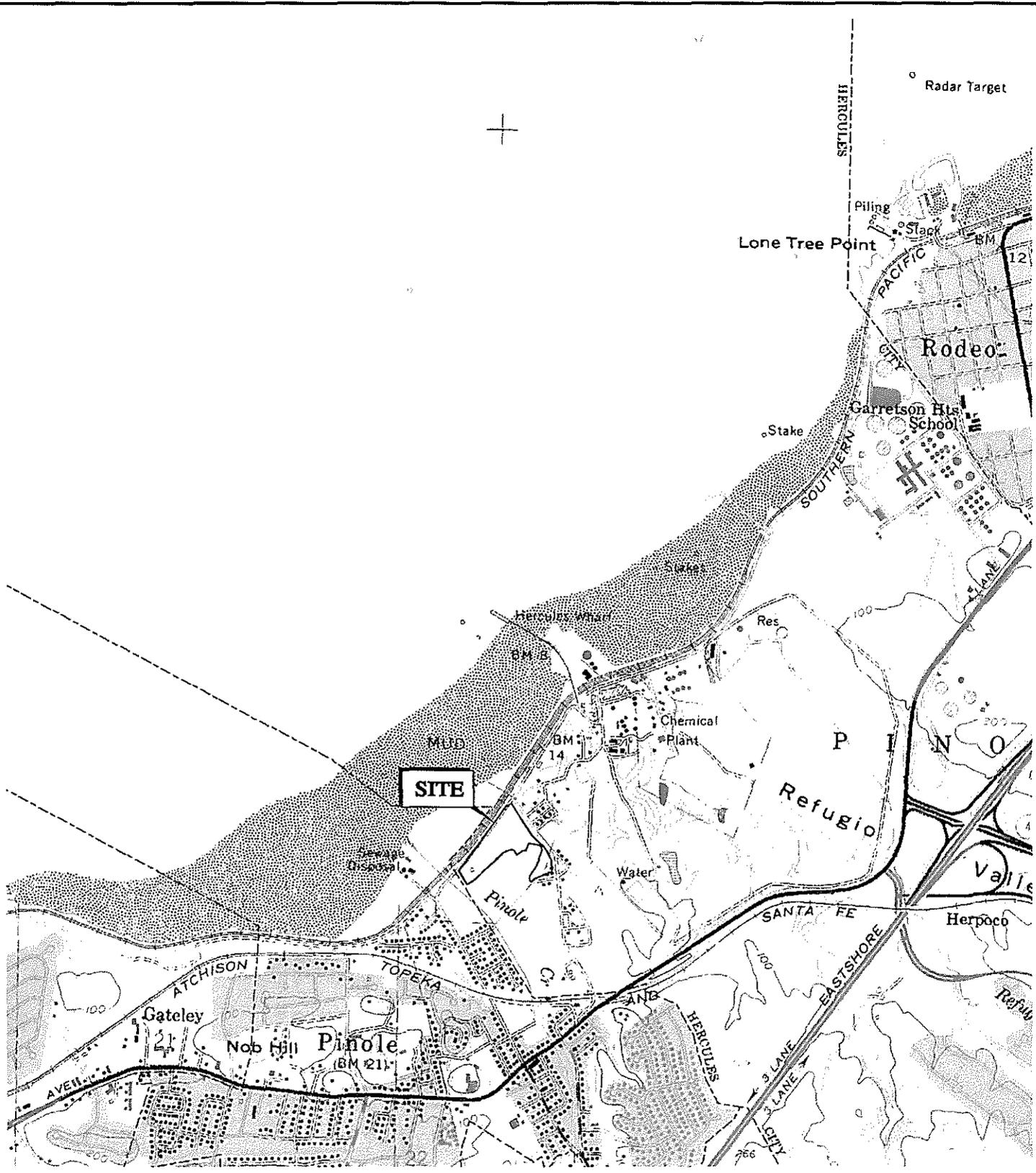


PARCEL MAP
 SANTA FE WETLAND RESTORATION PROJECT
 HERCULES, CALIFORNIA

PROJECT NO.: 7970.200.101
 DATE: JUNE 2008
 DRAWN BY: SRP CHECKED BY: SM

FIGURE NO.
 2

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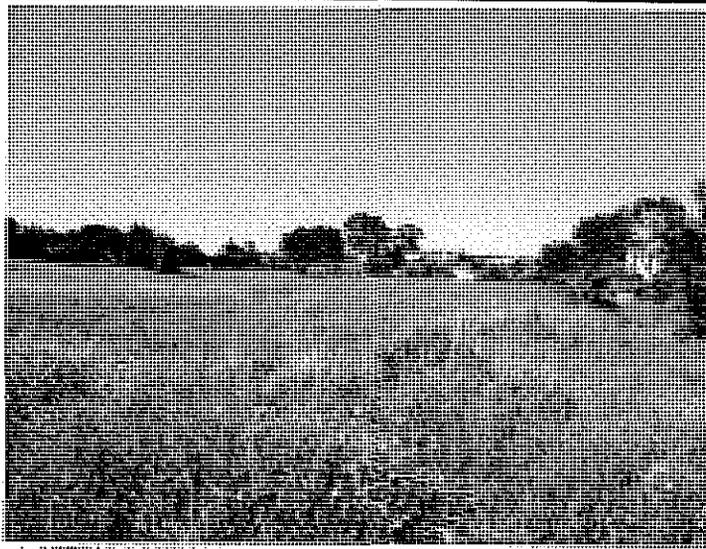
BASE MAP SOURCE: U.S.G.S., 1980



TOPOGRAPHIC MAP
SANTA FE WETLAND RESTORATION PROJECT
HERCULES, CALIFORNIA

PROJECT NO.: 7970.200.101
 DATE: JUNE 2008
 DRAWN BY: SRP CHECKED BY: SM

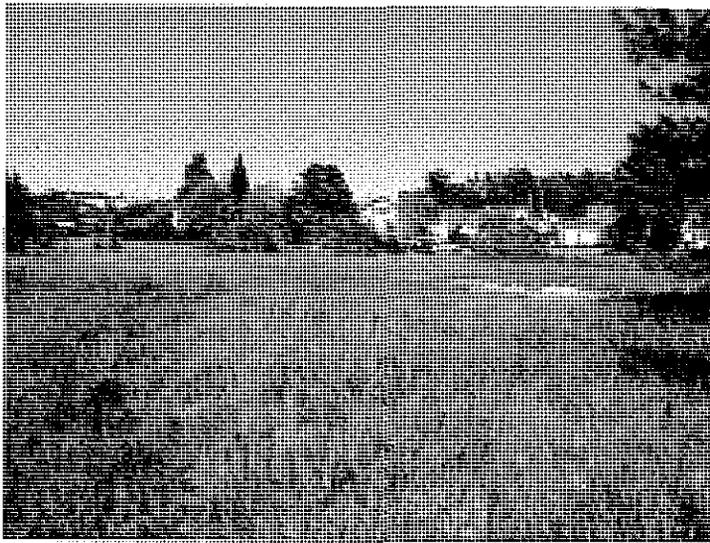
FIGURE NO.
3



1. VIEW LOOKING EASTWARD FROM WEST SITE BOUNDARY



2. VIEW TO SOUTHWEST FROM NORTHEAST SITE CORNER



3. VIEW EAST-SOUTHEAST ACROSS CENTRAL LOWLAND



4. SOUTHWESTERLY VIEW OF SOUTHERN-MOST SITE AREA



5. VIEW LOOKING SOUTH OF NORTH-TENDING SWALE



6. DRAINAGE DITCH - LOOKING WEST



SITE PHOTOGRAPHS
 SANTA FE WETLAND RESTORATION PROJECT
 HERCULES, CALIFORNIA

PROJECT NO.: 7970.200.101

DATE: JUNE 2008

DRAWN BY: SRP

CHECKED BY: SM

FIGURE NO.

4

Certified Sanborn® Map Report

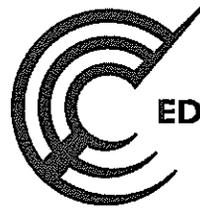


Sanborn® Library search results
Certification # 2366-43A4-91EF

Chelsea Wetlands
Railroad Avenue
Hercules, CA 94547

Inquiry Number 2214910.3

May 08, 2008



EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk 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

Certified Sanborn® Map Report

5/08/08

Site Name:

Chelsea Wetlands
Railroad Avenue
Hercules, CA 94547

Client Name:

Engeo Inc.
2010 Crow Canyon Place
San Ramon, CA 94583

EDR Inquiry # 2214910.3

Contact: Keith Nowell



EDR® Environmental
Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Engeo Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Chelsea Wetlands
Address: Railroad Avenue
City, State, Zip: Hercules, CA 94547
Cross Street:
P.O. # 7970.2.001.01
Project: Chelsea Wetland
Certification # 2366-43A4-91EF



Sanborn® Library search results
Certification # 2366-43A4-91EF

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

Total Maps: 0

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EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Chelsea Wetlands
Railroad Avenue
Hercules, CA 94547**

Inquiry Number: 02214910.2r

May 08, 2008

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report 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

RAILROAD AVENUE
HERCULES, CA 94547

COORDINATES

Latitude (North): 38.014080 - 38° 0' 50.7"
Longitude (West): 122.292420 - 122° 17' 32.7"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 562113.7
UTM Y (Meters): 4207407.5
Elevation: 9 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

South Map: 37122-H3 RICHMOND, CA
Most Recent Revision: 1999

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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 LIENS..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
LIENS 2..... CERCLA Lien Information
CORRACTS..... Corrective Action Report

EXECUTIVE SUMMARY

RCRA-TSDF.....	RCRA - Transporters, Storage and Disposal
RCRA-LQG.....	RCRA - Large Quantity Generators
RCRA-CESQG.....	RCRA - Conditionally Exempt Small Quantity Generator
US ENG CONTROLS.....	Engineering Controls Sites List
US INST CONTROL.....	Sites with Institutional Controls
ERNS.....	Emergency Response Notification System
HMIRS.....	Hazardous Materials Information Reporting System
DOT OPS.....	Incident and Accident Data
US CDL.....	Clandestine Drug Labs
US BROWNFIELDS.....	A Listing of Brownfields Sites
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
LUCIS.....	Land Use Control Information System
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
ODI.....	Open Dump Inventory
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

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
CA FID UST.....	Facility Inventory Database
UST.....	Active UST Facilities
HIST UST.....	Hazardous Substance Storage Container Database
LIENS.....	Environmental Liens Listing
AST.....	Aboveground Petroleum Storage Tank Facilities
SWEEPS UST.....	SWEEPS UST Listing
CHMIRS.....	California Hazardous Material Incident Report System
Notify 65.....	Proposition 65 Records
VCP.....	Voluntary Cleanup Program Properties
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
CDL.....	Clandestine Drug Labs
HAZNET.....	Facility and Manifest Data
AIRS.....	Emissions Inventory Data
HAULERS.....	Registered Waste Tire Haulers Listing

EXECUTIVE SUMMARY

TRIBAL RECORDS

INDIAN RESERV...... Indian Reservations
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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.

FEDERAL RECORDS

CERC-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/03/2007 has revealed that there is 1 CERC-NFRAP 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>HERCULES POWDER CO</i>	<i>560 RAILROAD AVE</i>	<i>0 - 1/8 NW</i>	<i>A3</i>	<i>10</i>

RCRA-SQG: 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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2008 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>HERCULES POWDER CO</i>	<i>560 RAILROAD AVE</i>	<i>0 - 1/8 NW</i>	<i>A3</i>	<i>10</i>

RCRA-NonGen: 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. 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). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/06/2008 has revealed that there are 3 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>HERCULES VILLAGE</i>	<i>560 RAILROAD</i>	<i>0 - 1/8 NW</i>	<i>A1</i>	<i>6</i>
<i>MARTINEZ INDUSTRIAL SERVICES</i>	<i>446 RAILROAD AVE</i>	<i>0 - 1/8 SW</i>	<i>B7</i>	<i>21</i>
<i>ALFRED CONHAGEN INC</i>	<i>444 RAILROAD AVE</i>	<i>0 - 1/8 SW</i>	<i>B9</i>	<i>23</i>

STATE AND LOCAL RECORDS

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 4 HIST Cal-Sites sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>HERCULES, INC.</i>	<i>560 RAILROAD AVENUE</i>	<i>0 - 1/8 NW</i>	<i>A4</i>	<i>14</i>
<i>CENTEX HOMES OF CALIFORNIA</i>	<i>I-80 / SYCAMORE</i>	<i>1/2 - 1 E</i>	<i>16</i>	<i>38</i>
<i>BIO-RAD LABORATORIES</i>	<i>HERCULES INDUSTRIAL PAR</i>	<i>1/2 - 1 ENE</i>	<i>17</i>	<i>41</i>
<i>HERCULES INC</i>	<i>CORNER OF SAN PABLO /</i>	<i>1/2 - 1 E</i>	<i>D21</i>	<i>52</i>

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are 2 CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>HERCULES, INC.</i>	<i>560 RAILROAD AVENUE</i>	<i>0 - 1/8 NW</i>	<i>A4</i>	<i>14</i>
<i>HERCULES, INC.</i>	<i>CORNER OF SAN PABLO AVE</i>	<i>1/2 - 1 E</i>	<i>D20</i>	<i>52</i>

EXECUTIVE SUMMARY

Cortese: 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.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4 Cortese 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>
HERCULES PROPERTIES, LTD	560 RAILROAD	0 - 1/8 NW	A2	8
PACIFIC REFINING CO	4901 SAN PABLO AVE	1/4 - 1/2 SSE	C12	25
SQUARE DEAL GARAGE	2500 SAN PABLO AVE	1/4 - 1/2 SSE	14	29
SHELL OIL CO	2301 SAN PABLO/TENNANT	1/4 - 1/2 S	15	33

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 04/08/2008 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC REFINING COMPANY Facility Status: Case Closed	4901 SAN PABLO AVE	1/4 - 1/2 SSE	C13	26
SQUARE DEAL GARAGE Facility Status: Leak being confirmed	2500 SAN PABLO AVE	1/4 - 1/2 SSE	14	29
SHELL OIL CO Facility Status: Case Closed	2301 SAN PABLO/TENNANT	1/4 - 1/2 S	15	33

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 04/08/2008 has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HERCULES INDUSTRIAL PROPERTY	560 RAILROAD AVE	0 - 1/8 NW	A5	20
PACIFIC REFINING CO Facility Status: Case Closed	4901 SAN PABLO AVE	1/4 - 1/2 SSE	C12	25

CONTRA COSTA CO. SITE LIST: Lists includes sites from the Underground Tank Program, Hazardous Waste Generator Program & Business Plan 12185 Program

A review of the CONTRA COSTA CO. SITE LIST list, as provided by EDR, and dated 03/07/2008 has revealed that there are 5 CONTRA COSTA CO. SITE LIST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HERCULES PROPERTIES, LTD	560 RAILROAD	0 - 1/8 NW	A2	8
CITIES OF PINOLE/HERCULES WPCP	11 TENNENT AVE	0 - 1/8 SW	6	20
BLAIR AND SONS	446 RAILROAD AVE	0 - 1/8 SW	B8	22
C & C ENTERPRISES	444 RAILROAD AVE	0 - 1/8 SW	B10	24
ARMADILLO ENTERPRISES	777 RAILROAD AVE	1/8 - 1/4 NE	11	24

EXECUTIVE SUMMARY

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 04/01/2008 has revealed that there is 1 DEED 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>
HERCULES, INC.	560 RAILROAD AVENUE	0 - 1/8 NW	A4	14

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, and dated 02/26/2008 has revealed that there are 4 RESPONSE sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HERCULES, INC.	560 RAILROAD AVENUE	0 - 1/8 NW	A4	14
CENTEX HOMES OF CALIFORNIA	I-80 / SYCAMORE	1/2 - 1 E	16	38
BIO-RAD LABORATORIES	2000 ALFRED NOBEL DRIVE	1/2 - 1 NE	19	44
HERCULES INC	CORNER OF SAN PABLO /	1/2 - 1 E	D21	52

ENVIROSTOR: 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.

A review of the ENVIROSTOR list, as provided by EDR, and dated 02/26/2008 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HERCULES, INC. Facility Status: Certified / Operation & Maintenance	560 RAILROAD AVENUE	0 - 1/8 NW	A4	14
CENTEX HOMES OF CALIFORNIA Facility Status: Certified	I-80 / SYCAMORE	1/2 - 1 E	16	38
GELSAR Facility Status: Certified	SAN PABLO AVENUE/SYCAMO	1/2 - 1 E	18	42
BIO-RAD LABORATORIES Facility Status: Certified	2000 ALFRED NOBEL DRIVE	1/2 - 1 NE	19	44
HERCULES INC Facility Status: Certified / Operation & Maintenance	CORNER OF SAN PABLO /	1/2 - 1 E	D21	52

EXECUTIVE SUMMARY

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

Site Name

PINOLE WASTEWATER TREAT PLANT
CALTRANS DIST 4

Database(s)

SWEEPS UST
RCRA-SQG, FINDS, HAZNET,
CONTRA COSTA CO. SITE
LIST

OVERVIEW MAP - 02214910.2r



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

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

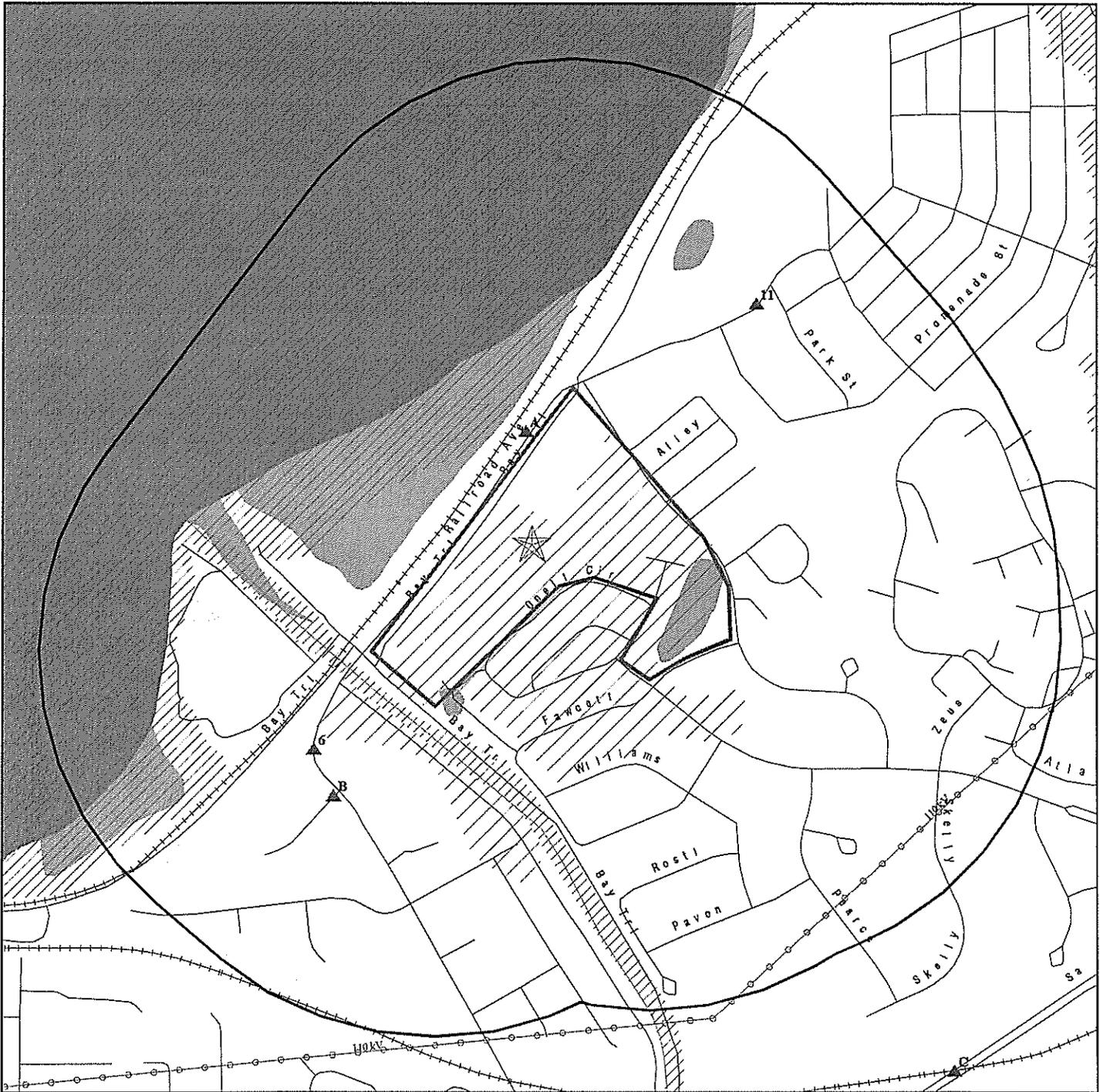


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Chelsea Wetlands
 ADDRESS: Railroad Avenue
 Hercules CA 94547
 LAT/LONG: 38.0141 / 122.2924

CLIENT: Engeo Inc.
 CONTACT: Keith Nowell
 INQUIRY #: 02214910.2r
 DATE: May 08, 2008 12:26 pm

DETAIL MAP - 02214910.2r



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

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

0 1/16 1/8 1/4 Miles



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

SITE NAME: Chelsea Wetlands
 ADDRESS: Railroad Avenue
 Hercules CA 94547
 LAT/LONG: 38.0141 / 122.2924

CLIENT: Engeo Inc.
 CONTACT: Keith Nowell
 INQUIRY #: 02214910.2r
 DATE: May 08, 2008 12:26 pm

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		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	1	0	0	NR	NR	1
LIENS 2	TP		NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA-TSDF		0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	1	0	NR	NR	NR	1
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
RCRA-NonGen		0.250	3	0	NR	NR	NR	3
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
HIST Cal-Sites		1.000	1	0	0	3	NR	4
CA BOND EXP. PLAN		1.000	1	0	0	1	NR	2
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
SWF/LF		0.500	0	0	0	NR	NR	0

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>
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	1	0	3	NR	NR	4
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	3	NR	NR	3
CA FID UST		0.250	0	0	NR	NR	NR	0
SLIC		0.500	1	0	1	NR	NR	2
UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
CONTRA COSTA CO. SITE LIST		0.250	4	1	NR	NR	NR	5
SWEEPS UST		0.250	0	0	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
DEED		0.500	1	0	0	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RESPONSE		1.000	1	0	0	3	NR	4
HAZNET		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
ENVIROSTOR		1.000	1	0	0	4	NR	5
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

A1
NW
< 1/8
0.008 mi.
43 ft.

HERCULES VILLAGE
560 RAILROAD
HERCULES, CA 94547

Site 1 of 5 in cluster A

FINDS 1004677047
RCRA-NonGen CAR000092635

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
9 ft.

Not reported

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:

Date form received by agency: 11/05/2002
Facility name: HERCULES VILLAGE
Facility address: 560 RAILROAD AVE
PARCEL B
HERCULES, CA 94547
EPA ID: CAR000092635
Mailing address: 6658 OWENS DR
PLEASANTON, CA 94588
Contact: BRIDGIT KOLLER
Contact address: 6658 OWENS DR
PLEASANTON, CA 94588
Contact country: US
Contact telephone: (925) 737-1080
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: WESTERN PACIFIC HVLLC
Owner/operator address: 6658 OWENS DR
PLEASANTON, CA 94588
Owner/operator country: Not reported
Owner/operator telephone: (925) 737-1080
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HEARTHSTONE LOT OPTON LLP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/29/2001
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERCULES VILLAGE (Continued)

1004677047

Owner/operator name: WESTERN PACIFIC HOUSING INC.
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/29/2001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Lamps
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Pesticides
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Thermostats
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Historical Generators:

Date form received by agency: 02/06/2002
Facility name: HERCULES VILLAGE
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HERCULES VILLAGE (Continued)

1004677047

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008
 Waste name: LEAD

Waste code: F001
 Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: D008
 Waste name: LEAD

Violation Status: No violations found

A2
 NW
 < 1/8
 0.008 mi.
 43 ft.

HERCULES PROPERTIES, LTD
560 RAILROAD
HERCULES, CA 94547
 Site 2 of 5 in cluster A

HAZNET **S103967637**
Cortese **N/A**
CONTRA COSTA CO. SITE LIST

Relative:
 Higher

HAZNET:
 Gepaid: CAC000753560
 Contact: HERCULES PROPERTIES INC
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: HERCULES PLAZA RM 9284 SW
 Mailing City,St,Zip: WILMINGTON, CA 198940001
 Gen County: 7
 TSD EPA ID: AZD983481813
 TSD County: 99
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Not reported
 Tons: 255.3684
 Facility County: 7

Actual:
 9 ft.

Gepaid: CAC000753560
 Contact: HERCULES PROPERTIES INC
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: HERCULES PLAZA RM 9284 SW
 Mailing City,St,Zip: WILMINGTON, CA 198940001
 Gen County: 7
 TSD EPA ID: AZD983481813
 TSD County: 99
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Not reported
 Tons: 11531.1896
 Facility County: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERCULES PROPERTIES, LTD (Continued)

S103967637

Gepaid: CAC000753560
Contact: HERCULES PROPERTIES INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: HERCULES PLAZA RM 9284 SW
Mailing City,St,Zip: WILMINGTON, CA 198940001
Gen County: 7
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 8.3400
Facility County: 7

Gepaid: CAC000753560
Contact: HERCULES PROPERTIES INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: HERCULES PLAZA RM 9284 SW
Mailing City,St,Zip: WILMINGTON, CA 198940001
Gen County: 7
TSD EPA ID: UTD981552177
TSD County: 99
Waste Category: Polychlorinated biphenyls and material containing PCB's
Disposal Method: Treatment, Incineration
Tons: 12.0930
Facility County: 7

Gepaid: CAC002412583
Contact: BOB HUSON
Telephone: 5107247848
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 560 RAILROAD AVE
Mailing City,St,Zip: HERCULES, CA 945470000
Gen County: Contra Costa
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.08
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access
13 additional CA_HAZNET: record(s) in the EDR Site Report.

Cortese:
Region: CORTESE
Facility Addr2: Not reported

CONTRA COSTA CO. SITE LIST:
Region: CONTRA COSTA
Facility ID: 770922
Tier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERCULES PROPERTIES, LTD (Continued)

S103967637

Program Status: Hmmp
Generator Fee Item: No
Inactive Date: 3/29/2002

A3
NW
< 1/8
0.008 mi.
43 ft.

HERCULES POWDER CO
560 RAILROAD AVE
HERCULES, CA 94547

RCRA-SQG 1000182104
HAZNET CAT080012297
CERC-NFRAP

Site 3 of 5 in cluster A

Relative:
Higher

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: HERCULES PROPERTIES LTD
Facility address: 560 RAILROAD AVE
HERCULES, CA 94547

Actual:
9 ft.

EPA ID: CAT080012297
Mailing address: PO BOX 155
HERCULES, CA 94547

Contact: Not reported
Contact address: Not reported
Not reported

Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERCULES POWDER CO (Continued)

1000182104

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 11/10/1980
Facility name: HERCULES PROPERTIES LTD
Classification: Large Quantity Generator

Violation Status: No violations found

HAZNET:

Gepaid: CAT080012297
Contact: UNDELIVERABLE PER 93 FEE FORM
Telephone: --
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 155
Mailing City,St,Zip: HERCULES, CA 945470000
Gen County: Contra Costa
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Asbestos-containing waste
Disposal Method: Not reported
Tons: 67.42
Facility County: Not reported

Gepaid: CAT080012297
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 155
Mailing City,St,Zip: HERCULES, CA 945470000
Gen County: 7
TSD EPA ID: NCD000648431
TSD County: 0
Waste Category: Liquids with cadmium > 100 mg/l
Disposal Method: Not reported
Tons: .0200
Facility County: 7

Gepaid: CAT080012297
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HERCULES POWDER CO (Continued)

1000182104

Mailing Address: PO BOX 155
Mailing City,St,Zip: HERCULES, CA 945470000
Gen County: 7
TSD EPA ID: NCD000648431
TSD County: 0
Waste Category: Alkaline solution without metals (pH > 12.5)
Disposal Method: Not reported
Tons: .0010
Facility County: 7

Gepaid: CAT080012297
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 155
Mailing City,St,Zip: HERCULES, CA 945470000
Gen County: 7
TSD EPA ID: CAT080014079
TSD County: 7
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .2000
Facility County: 7

Gepaid: CAT080012297
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 155
Mailing City,St,Zip: HERCULES, CA 945470000
Gen County: 7
TSD EPA ID: CAT080014079
TSD County: 7
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .4170
Facility County: 7

[Click this hyperlink](#) while viewing on your computer to access
13 additional CA_HAZNET: record(s) in the EDR Site Report.

CERC-NFRAP:
Site ID: 0902676
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Nuria Muniz
Contact Tel: (415) 972-3811

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HERCULES POWDER CO (Continued)

1000182104

Contact Title: Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: UNITED FINANCIAL OPERATIONS INC
Alias Address: Not reported

CA
Alias Name: CALIFORNIA POWDER WORKS
Alias Address: Not reported

CA
Alias Name: ATLAS POWDER WORKS
Alias Address: Not reported

CA
Alias Name: HERCULES POWDER WORKS
Alias Address: Not reported

CA
Alias Name: HERCULES PROPERTY INC
Alias Address: Not reported

CA
Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 06/01/1980
Priority Level: Not reported

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 10/01/1981
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: 09/01/1980
Date Completed: 10/01/1981
Priority Level: High

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 08/01/1987
Priority Level: Low

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 08/27/1987
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 08/27/1987
Priority Level: NFRAP (No Further Remedial Action Planned)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A4
 NW
 < 1/8
 0.008 mi.
 43 ft.

HERCULES, INC.
560 RAILROAD AVENUE
HERCULES, CA 94547

Site 4 of 5 in cluster A

HAZNET
CA BOND EXP. PLAN
RESPONSE
DEED
ENVIROSTOR
HIST Cal-Sites

S100833246
N/A

Relative:
 Higher

HAZNET:

Actual:
 9 ft.

Gepaid: CAC001069656
 Contact: HERCULES PROPERTIES, INC.
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: HERCULES PLAZA RM 9284 SW
 Mailing City,St,Zip: WILMINGTON, CA 198940001
 Gen County: 7
 TSD EPA ID: CAD982042475
 TSD County: Solano
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 155.9180
 Facility County: 7

Gepaid: CAC001069656
 Contact: HERCULES PROPERTIES, INC.
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: HERCULES PLAZA RM 9284 SW
 Mailing City,St,Zip: WILMINGTON, CA 198940001
 Gen County: 7
 TSD EPA ID: AZD983481813
 TSD County: 99
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Not reported
 Tons: 4645.2439
 Facility County: 7

Gepaid: CAC001069656
 Contact: HERCULES PROPERTIES, INC.
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: HERCULES PLAZA RM 9284 SW
 Mailing City,St,Zip: WILMINGTON, CA 198940001
 Gen County: 7
 TSD EPA ID: AZD983481813
 TSD County: 99
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Not reported
 Tons: 76.6948
 Facility County: 7

Gepaid: CAC001069656
 Contact: HERCULES PROPERTIES, INC.
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: HERCULES PLAZA RM 9284 SW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERCULES, INC. (Continued)

S100833246

Mailing City,St,Zip: WILMINGTON, CA 198940001
Gen County: 7
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 29.1733
Facility County: 7

Gepaid: CAC001069656
Contact: HERCULES PROPERTIES, INC.
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: HERCULES PLAZA RM 9284 SW
Mailing City,St,Zip: WILMINGTON, CA 198940001
Gen County: 7
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Tank
Tons: .4375
Facility County: 7

[Click this hyperlink](#) while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

CA BOND EXP. PLAN:

Reponsible Party: RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: The RPs are currently in compliance with an order issued by DHS in June, 1986. DHS has budgeted \$50,000 for oversight/monitoring of the RP's remediation activities. DHS will seek cost recovery of 100 percent of direct costs plus staff costs and overhead related to the project. The RPs will pay all costs associated with investigation and remediation.
Site Description: This site is an inoperative nitroform fertilizer plant. The site is located on a portion of land used by the Hercules Powder Company where explosives were manufactured.
Hazardous Waste Desc: Concentrated acids, caustics, heavy metals and absestos have been identified onsite.
Threat To Public Health & Env: The site is located on San Pablo Bay adjacent to a residential area. Direct contact with the contaminants is possible. Ground water migration is possible, although it has not yet been detected. The site extends to San Pablo Bay and those using the shoreline for recreational purposes might gain access to the site.
Site Activity Status: Several phases of remedial investigation have been completed; more investigation may be required if background levels of contaminants are not established by results of recently completed work.

RESPONSE:

Facility ID: 07280016
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 167

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERCULES, INC. (Continued)

S100833246

National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: NONE SPECIFIED
Lead Agency Description: Not reported
Project Manager: REMEDIOS SUNGA
Supervisor: Mark Piros
Division Branch: North Coast
Site Code: 200045
Assembly: 11
Senate: 07
Special Program Status: Not reported
Status: Certified / Operation & Maintenance
Status Date: 1997-06-09 00:00:00
Restricted Use: YES
Funding: Responsible Party
Latitude: 38.01411111111111
Longitude: -122.293497222222
Alias Name: Not reported
Alias Type: Not reported

APN: 404-030-022, 404-010-004, 404-010-005, 404-010-006, 404-020-034,
404-020-037, 404-030-019

APN Description: Not reported
Comments: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: 30001,30013,30018,30019,30108,30152,30156,30357,30407,3002502,30594
Confirmed Description: Arsenic
Confirmed Description: Lead
Confirmed Description: Polychlorinated biphenyls (PCBs)
Confirmed Description: Polynuclear aromatic hydrocarbons (PAHs)
Confirmed Description: Cadmium and compounds
Confirmed Description: Chromium III
Confirmed Description: Copper and compounds
Confirmed Description: Mercury and compounds
Confirmed Description: Nickel
Confirmed Description: TPH-MOTOR OIL
Confirmed Description: Zinc
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2008
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Inspections/ Visit
Future Due Date: 2008
Media Affected: SOIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERCULES, INC. (Continued)

S100833246

Media Affected Desc: Soil

Management:

Management Required: DAY, ELD, HOS, LUC, EX, GW, OIL, HS, SCH, FOOD, RES
Management Required Desc: Day care center prohibited
Management Required Desc: Elder Care Center Prohibited
Management Required Desc: Hospital use prohibited
Management Required Desc: Land Use covenant
Management Required Desc: No Excavation or activities which disturb the soil at any depth without approval
Management Required Desc: No groundwater extraction at any depth without approval
Management Required Desc: No oil or gas extraction at any depth
Management Required Desc: Perform H&S Plan prior to subsurface work
Management Required Desc: Public or private school for persons under 21 prohibited
Management Required Desc: Raising of food prohibited
Management Required Desc: Residence use prohibited

Potential: 30001, 30013, 30018, 30019, 3002502, 30108, 30152, 30156, 30357, 30407, 30594

Potential Description: Arsenic
Potential Description: Lead
Potential Description: Polychlorinated biphenyls (PCBs)
Potential Description: Polynuclear aromatic hydrocarbons (PAHs)
Potential Description: TPH-MOTOR OIL
Potential Description: Cadmium and compounds
Potential Description: Chromium III
Potential Description: Copper and compounds
Potential Description: Mercury and compounds
Potential Description: Nickel
Potential Description: Zinc
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

DEED:

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Deed Date(s): 6/28/1996

ENVIROSTOR:

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 167
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: NONE SPECIFIED
Program Manager: REMEDIOS SUNGA
Supervisor: Mark Piros
Division Branch: North Coast
Facility ID: 07280016
Site Code: 200045
Assembly: 11
Senate: 07
Special Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HERCULES, INC. (Continued)

S100833246

Status: Certified / Operation & Maintenance
Status Date: 1997-06-09 00:00:00
Restricted Use: YES
Funding: Responsible Party
Latitude: 38.01411111111111
Longitude: -122.293497222222
Alias Name: Not reported
Alias Type: Not reported

APN: 404-030-022, 404-010-004, 404-010-005, 404-010-006, 404-020-034,
404-020-037, 404-030-019

APN Description: Not reported
Comments: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: 30001,30013,30018,30019,30108,30152,30156,30357,30407,3002502,30594
Confirmed Description: Arsenic
Confirmed Description: Lead
Confirmed Description: Polychlorinated biphenyls (PCBs)
Confirmed Description: Polynuclear aromatic hydrocarbons (PAHs)
Confirmed Description: Cadmium and compounds
Confirmed Description: Chromium III
Confirmed Description: Copper and compounds
Confirmed Description: Mercury and compounds
Confirmed Description: Nickel
Confirmed Description: TPH-MOTOR OIL
Confirmed Description: Zinc
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2008
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Inspections/ Visit
Future Due Date: 2008
Media Affected: SOIL
Media Affected Desc: Soil

Management:

Management Required: DAY, ELD, HOS, LUC, EX, GW, OIL, HS, SCH, FOOD, RES
Management Required Desc: Day care center prohibited
Management Required Desc: Elder Care Center Prohibited
Management Required Desc: Hospital use prohibited
Management Required Desc: Land Use covenant
Management Required Desc: No Excavation or activities which disturb the soil at any depth without approval
Management Required Desc: No groundwater extraction at any depth without approval
Management Required Desc: No oil or gas extraction at any depth

Map ID
Direction
Distance
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MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

HERCULES, INC. (Continued)

S100833246

Management Required Desc: Perform H&S Plan prior to subsurface work
Management Required Desc: Public or private school for persons under 21 prohibited
Management Required Desc: Raising of food prohibited
Management Required Desc: Residence use prohibited
Potential: 30001, 30013, 30018, 30019, 3002502, 30108, 30152, 30156, 30357, 30407, 30594
Potential Description: Arsenic
Potential Description: Lead
Potential Description: Polychlorinated biphenyls (PCBs)
Potential Description: Polynuclear aromatic hydrocarbons (PAHs)
Potential Description: TPH-MOTOR OIL
Potential Description: Cadmium and compounds
Potential Description: Chromium III
Potential Description: Copper and compounds
Potential Description: Mercury and compounds
Potential Description: Nickel
Potential Description: Zinc
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

HISTORICAL CAL-SITES:

Facility ID: 07280016
Region: 2
Region Name: BERKELEY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 06091997
Status: COM - CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED REMEDIATION CONTINUES
Status Name: CERTIFIED / OPERATION & MAINTENANCE
Lead Agency: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: RP
Type Name: RESPONSIBLE PARTY
NPL: Not Listed
SIC Code: 28
SIC Name: MANU - CHEMICALS & ALLIED PRODUCTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: RSUNGA
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 11
State Senate District Code: 07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERCULES, INC. (Continued)

S100833246

[Click this hyperlink](#) while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

A5
NW
< 1/8
0.008 mi.
43 ft.

HERCULES INDUSTRIAL PROPERTY
560 RAILROAD AVE
HERCULES, CA

Site 5 of 5 in cluster A

SLIC S100936825
N/A

Relative:
Higher

SLIC:
Region: STATE
Global Id: SLT2O08894
Assigned Name: SLICSITE
Lead Agency Contact: Not reported
Lead Agency: Not reported
Lead Agency Case Number: Not reported
Responsible Party: A
Recent Dtw: Not reported
Substance Released: Not reported
Facility Status: Not reported

Actual:
9 ft.

SLIC:
Region: 2
Facility ID: SLT2O08894
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

6
SW
< 1/8
0.084 mi.
444 ft.

CITIES OF PINOLE/HERCULES WPCP
11 TENNENT AVE
PINOLE, CA

CONTRA COSTA CO. SITE LIST S102261572
N/A

Relative:
Higher

CONTRA COSTA CO. SITE LIST:
Region: CONTRA COSTA
Facility ID: 770195
Tier: Not reported
Program Status: HWG, Hmmp, AGT
Generator Fee Item: No
Inactive Date: Not reported

Actual:
10 ft.

Region: CONTRA COSTA
Facility ID: 773793
Tier: Not reported
Program Status: HWG, Hmmp

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITIES OF PINOLE/HERCULES WPCP (Continued)

S102261572

Generator Fee Item: No
Inactive Date: Not reported

B7
SW
< 1/8
0.101 mi.
534 ft.

MARTINEZ INDUSTRIAL SERVICES
446 RAILROAD AVE
HERCULES, CA 94547

FINDS 1000412914
RCRA-NonGen CAD981425911

Site 1 of 4 in cluster B

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
12 ft.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:

Date form received by agency: 07/11/1986
Facility name: MARTINEZ INDUSTRIAL SERVICES
Facility address: 446 RAILROAD AVE
HERCULES, CA 94547
EPA ID: CAD981425911
Mailing address: PO BOX 69
PINOLE, CA 94564
Contact: ENVIRONMENTAL MANAGER
Contact address: 446 RAILROAD AVE
HERCULES, CA 94547
Contact country: US
Contact telephone: (415) 235-6360
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MAGANA MITCHELL WAHBE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARTINEZ INDUSTRIAL SERVICES (Continued)

1000412914

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

B8
SW
< 1/8
0.101 mi.
534 ft.

BLAIR AND SONS
446 RAILROAD AVE
HERCULES, CA 94547

HAZNET 1000260960
CONTRA COSTA CO. SITE LIST N/A

Site 2 of 4 in cluster B

Relative:
Higher

HAZNET:

Gepaid: CAD982312027
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1047
Mailing City,St,Zip: EL CERRITO, CA 945300000
Gen County: 7
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .5212
Facility County: 7

Actual:
12 ft.

Gepaid: CAD982312027
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1047
Mailing City,St,Zip: EL CERRITO, CA 945300000
Gen County: 7
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .2502
Facility County: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BLAIR AND SONS (Continued)

1000260960

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 770710
Tier: Not reported
Program Status: Hmmp
Generator Fee Item: No
Inactive Date: 1/30/1995

B9
SW
< 1/8
0.102 mi.
538 ft.

ALFRED CONHAGEN INC
444 RAILROAD AVE
HERCULES, CA 94547
Site 3 of 4 in cluster B

FINDS 1000595011
RCRA-NonGen CAD983589011

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
12 ft.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:

Date form received by agency: 01/04/1993
Facility name: ALFRED CONHAGEN INC
Facility address: 444 RAILROAD AVE
HERCULES, CA 94547
EPA ID: CAD983589011
Contact: M KATHLEEN
Contact address: 444 RAILROAD AVE
HERCULES, CA 94547
Contact country: US
Contact telephone: (415) 724-7820
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ALFRED CONHAGEN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number _____
 EPA ID Number _____

ALFRED CONHAGEN INC (Continued)

1000595011

Owner/operator telephone: (415) 555-1212
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. Importer of hazardous waste: Unknown
 Mixed waste (haz. and radioactive): Unknown
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: Unknown
 Furnace exemption: Unknown
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

B10
 SW
 < 1/8
 0.102 mi.
 538 ft.

C & C ENTERPRISES
444 RAILROAD AVE
HERCULES, CA 94547
 Site 4 of 4 in cluster B

CONTRA COSTA CO. SITE LIST S102260991
 N/A

Relative:
 Higher

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 770832
 Tier: Not reported
 Program Status: Hmmp
 Generator Fee Item: Yes
 Inactive Date: 8/24/2000

Actual:
 12 ft.

11
 NE
 1/8-1/4
 0.147 mi.
 774 ft.

ARMADILLO ENTERPRISES
777 RAILROAD AVE
HERCULES, CA 94547

CONTRA COSTA CO. SITE LIST S102260994
 N/A

Relative:
 Higher

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 771615
 Tier: Not reported
 Program Status: Hmmp
 Generator Fee Item: Yes
 Inactive Date: 12/31/2001

Actual:
 51 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

C12
 SSE
 1/4-1/2
 0.367 mi.
 1940 ft.

PACIFIC REFINING CO
4901 SAN PABLO AVE
HERCULES, CA 94547

HAZNET **1006913278**
Cortese **N/A**
SLIC

Site 1 of 2 in cluster C

Relative:
 Higher

HAZNET:
 Gepaid: CAC002571497
 Contact: JAMES LOPEMAN
 Telephone: 5107414940
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 4901 SAN PABLO AVE
 Mailing City,St,Zip: HERCULES, CA 94547
 Gen County: Contra Costa
 TSD EPA ID: CAT000646117
 TSD County: Contra Costa
 Waste Category: Other inorganic solid waste
 Disposal Method: Disposal, Land Fill
 Tons: 16.85
 Facility County: 7

Actual:
 40 ft.

Cortese:
 Region: CORTESE
 Facility Addr2: 4901 SAN PABLO AVE

SLIC:
 Region: STATE
 Global Id: SL18338758
 Assigned Name: SLICSITE
 Lead Agency Contact: Not reported
 Lead Agency: Not reported
 Lead Agency Case Number: Not reported
 Responsible Party: HERCULES LLC
 Recent Dtw: Not reported
 Substance Released: MET, PAH, PET, SVO, VOC
 Facility Status: Case Closed

SLIC:
 Region: 2
 Facility ID: SL18338758
 Facility Status: Case Closed
 Date Closed: Not reported
 Local Case #: Not reported
 How Discovered: DVA
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Confirmed: Not reported
 Date Prelim Site Assmnt Workplan Submitted: Not reported
 Date Preliminary Site Assessment Began: Not reported
 Date Pollution Characterization Began: Not reported
 Date Remediation Plan Submitted: Not reported
 Date Remedial Action Underway: Not reported
 Date Post Remedial Action Monitoring Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C13 PACIFIC REFINING COMPANY
SSE 4901 SAN PABLO AVE
1/4-1/2 HERCULES, CA 94547
0.368 mi.
1941 ft. Site 2 of 2 in cluster C

LUST 1007289341
FTTS N/A
AIRS
SWEEPS UST
HIST FTTS

Relative:
Higher

LUST:

Actual:
39 ft.

Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0601300502
Stop Date: 1991-06-26 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 1994-06-22 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2007-06-20 00:00:00
Discover Date: 1991-06-26 00:00:00
Enforcement Dt: Not reported
Release Date: 1991-06-26 00:00:00
Review Date: 2000-08-17 00:00:00
Enter Date: 1994-06-24 00:00:00
MTBE Date: 1997-04-24 00:00:00
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: 88000
Max MTBE Soil ppb: Not reported
County: 07
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: MYM
Staff Initials: SL
Lead Agency: Regional Board
Local Agency: 07000
Hydr Basin #: UNNAMED BASIN
Beneficial: Not reported
Priority: 2A4
Cleanup Fund Id: Not reported
Work Suspended: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC REFINING COMPANY (Continued)

1007289341

Local Case #: 19802
Case Number: 07-0542
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: MAXSOIL TPH-G; SOIL RES FRM 2K UL TNK PULL 12/2/98 ND

LUST:

Region: 2
Facility Status: Pollution Characterization
Facility Id: 07-0542
Case Number: 19802
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 6/22/1994
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

FTTS INSP:

Inspection Number: Not reported
Region: 01
Inspection Date: Not reported
Inspector: KRAUS
Violation occurred: Yes
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

EMI:

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 32
Air District Name: BA
SIC Code: 2911
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: 341
Reactive Organic Gases Tons/Yr: 271
Carbon Monoxide Emissions Tons/Yr: 65
NOX - Oxides of Nitrogen Tons/Yr: 383
SOX - Oxides of Sulphur Tons/Yr: 278

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC REFINING COMPANY (Continued)

1007289341

Particulate Matter Tons/Yr: 14
Part. Matter 10 Micrometers & Smllr Tons/Yr: 13

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 32
Air District Name: BA
SIC Code: 2911
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: 439
Reactive Organic Gases Tons/Yr: 353
Carbon Monoxide Emissions Tons/Yr: 66
NOX - Oxides of Nitrogen Tons/Yr: 386
SOX - Oxides of Sulphur Tons/Yr: 290
Particulate Matter Tons/Yr: 13
Part. Matter 10 Micrometers & Smllr Tons/Yr: 12

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 32
Air District Name: BA
SIC Code: 2911
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: 439
Reactive Organic Gases Tons/Yr: 353
Carbon Monoxide Emissions Tons/Yr: 66
NOX - Oxides of Nitrogen Tons/Yr: 386
SOX - Oxides of Sulphur Tons/Yr: 290
Particulate Matter Tons/Yr: 13
Part. Matter 10 Micrometers & Smllr Tons/Yr: 12

SWEEPS UST:

Status: A
Comp Number: 19802
Number: 2
Board Of Equalization: 44-002310
Ref Date: 12-05-91
Act Date: 12-05-91
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: UNL001
Swrcb Tank Id: 07-000-019802-000001
Actv Date: 12-05-91
Capacity: 2000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 1

HIST FTTS INSP:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

PACIFIC REFINING COMPANY (Continued)

1007289341

Inspection Number: 19900307AI001 1
Region: 01
Inspection Date: Not reported
Inspector: KRAUS
Violation occurred: Yes
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

14
SSE
1/4-1/2
0.425 mi.
2243 ft.

SQUARE DEAL GARAGE
2500 SAN PABLO AVE
PINOLE, CA 94564

RCRA-SQG 1000155290
FINDS CAD981658974
HAZNET
LUST
Cortese
CONTRA COSTA CO. SITE LIST

Relative:
Higher

RCRA-SQG:

Actual:
25 ft.

Date form received by agency: 11/10/1986
Facility name: SQUARE DEAL GARAGE
Facility address: 2500 SAN PABLO AVE
PINOLE, CA 94564
EPA ID: CAD981658974
Contact: ENVIRONMENTAL MANAGER
Contact address: 2500 SAN PABLO AVE
PINOLE, CA 94564
Contact country: US
Contact telephone: (415) 724-3314
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JIM CHRISTENSEN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SQUARE DEAL GARAGE (Continued)

1000155290

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAL000075905
Contact: KEVIN OSMAN
Telephone: 5107243314
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2500 SAN PABLO AVE
Mailing City,St,Zip: PINOLE, CA 945641309
Gen County: Contra Costa
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.68
Facility County: Not reported

Gepaid: CAL000075905
Contact: KEVIN OSMAN
Telephone: 5107243314
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2500 SAN PABLO AVE
Mailing City,St,Zip: PINOLE, CA 945641309
Gen County: Contra Costa

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SQUARE DEAL GARAGE (Continued)

1000155290

TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.68
Facility County: Not reported

Gepaid: CAL000075905
Contact: KEVIN OSMAN
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2500 SAN PABLO AVE
Mailing City,St,Zip: PINOLE, CA 945641309
Gen County: 7
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .8548
Facility County: 7

Gepaid: CAL000075905
Contact: KEVIN OSMAN
Telephone: 5107243314
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2500 SAN PABLO AVE
Mailing City,St,Zip: PINOLE, CA 945641309
Gen County: Contra Costa
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: H02
Tons: 0.08
Facility County: 7

Gepaid: CAL000075905
Contact: KEVIN OSMAN
Telephone: 5107243314
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2500 SAN PABLO AVE
Mailing City,St,Zip: PINOLE, CA 945641309
Gen County: Contra Costa
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: 0.2
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access
13 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:
Region: STATE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SQUARE DEAL GARAGE (Continued)

1000155290

Case Type: Soil only
Cross Street: VALLEY RD
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0601300540
Stop Date: 1991-06-26 00:00:00
Confirm Leak: 1994-09-01 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: 1991-06-26 00:00:00
Enforcement Dt: Not reported
Release Date: 1991-08-27 00:00:00
Review Date: 2000-05-09 00:00:00
Enter Date: 1994-09-02 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: 07
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Leak being confirmed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: MYM
Staff Initials: SL
Lead Agency: Regional Board
Local Agency: 07000
Hydr Basin #: UNNAMED BASIN
Beneficial: Not reported
Priority: 2A4
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 71366
Case Number: 07-0587
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SQUARE DEAL GARAGE (Continued)

1000155290

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: MAXSOIL TPH-G; FORMERLY 07NCY0022

LUST:

Region: 2
Facility Status: Leak being confirmed
Facility Id: 07-0587
Case Number: 71366
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 9/1/1994
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: 2500 SAN PABLO AVE

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 771366
Tier: Not reported
Program Status: HWG, Hmmp
Generator Fee Item: No
Inactive Date: Not reported

15
South
1/4-1/2
0.486 mi.
2566 ft.

SHELL OIL CO
2301 SAN PABLO/TENNANT
PINOLE, CA 94564

RCRA-SQG 1000288639
LUST CAD981402134
Cortese
SWEEPS UST

Relative:
Higher

RCRA-SQG:

Date form received by agency: 04/08/1998
Facility name: SHELL OIL CO
Facility address: 2301 SAN PABLO/TENNANT
PINOLE, CA 94564
EPA ID: CAD981402134
Mailing address: P O BOX 4453
HOUSTON, TX 772104453
Contact: SONDR A BIENVENU
Contact address: P O BOX 4453
HOUSTON, TX 772104453
Contact country: US
Contact telephone: (713) 241-2258
Contact email: Not reported
EPA Region: 09

Actual:
25 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EPA ID Number
EDR ID Number

SHELL OIL CO (Continued)

1000288639

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: EQUILON ENTERPRISES LLC
Owner/operator address: P O BOX 4453
HOUSTON, TX 77210
Owner/operator country: Not reported
Owner/operator telephone: (713) 241-2258
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 09/01/1996
Facility name: SHELL OIL CO
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000288639

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

LUST:

Region: STATE
Case Type: Other ground water affected
Cross Street: TENNANT AVE
Enf Type: F
Funding: CLOS
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0601300264
Stop Date: 1987-07-20 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1988-12-12 00:00:00
Pollution Char: 1989-06-21 00:00:00
Remed Plan: 2004-11-23 00:00:00
Remed Action: 2007-07-27 00:00:00
Monitoring: 2007-07-31 00:00:00
Close Date: 2007-09-24 00:00:00
Discover Date: 1987-07-20 00:00:00
Enforcement Dt: 2001-07-12 00:00:00
Release Date: 1984-03-20 00:00:00
Review Date: 2001-08-15 00:00:00
Enter Date: 1987-08-03 00:00:00
MTBE Date: 2001-07-03 00:00:00
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: 4,200
Max MTBE Soil ppb: 5.3
County: 07
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: 8006619, 750
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 6
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: BGS
Staff Initials: SL
Lead Agency: Regional Board

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000288639

Local Agency: 07000
Hydr Basin #: UNNAMED BASIN
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 13126
Case Number: 07-0284
Qty Leaked: Not reported
Abate Method: Remove Free Product - remove floating product from water table
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: TPH-G 4,600 PPB 7/8/97 - TANK PULL PERMIT TO PULL 3 TANKS EXPIRES 2/1/5/2001.
IN DB AS 07NCY0514. The plume has been monitored by the network of 12 groundwater monitoring wells since February 1992. The plume is delineated and appears to be shrinking. Currently, dissolved HC concentrations are low. 5 water supply wells are located within 500' radius but all of them are located upgradient. The nearest surface water is Pinole Creek - approx. 500' to the E/NE (downgradient) but the plume is delineated to ND in the creek direction. The only potential risk appears to be through indoor hydrocarbon volatilization to indoor air (residential/commercial receptor), as there are plans for site redevelopment. Soil vapor investigation conducted in June 2004 indicated that soil gas concentrations in the western portion of the site exceed ESLs for indoor air. This soil needs to be excavated as the proposed building will extend over this area. The proposed building extends over the entire northern and central portions of the site and will have commercial units on the first floor and residential units on the upper floors. Requested WP for soil remediation on 09/21/04 (due by 11/22/04). QM discontinued, issued approval for well destruction on 10/06/04.

LUST:

Region: 2
Facility Status: Remedial action (cleanup) Underway
Facility Id: 07-0284
Case Number: 13126
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 12/12/1988
Pollution Characterization Began: 6/21/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 2/1/2001
Date Post Remedial Action Monitoring Began: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 2301 SAN PABLO AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000288639

SWEEPS UST:

Status: A
Comp Number: 13126
Number: 1
Board Of Equalization: 44-000074
Ref Date: 02-26-93
Act Date: 06-09-93
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 6054-0204-SU-1
Swrcb Tank Id: 07-000-013126-000001
Actv Date: 02-26-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 13126
Number: 1
Board Of Equalization: 44-000074
Ref Date: 02-26-93
Act Date: 06-09-93
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 6054-0204-RU-1
Swrcb Tank Id: 07-000-013126-000002
Actv Date: 02-25-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 13126
Number: 1
Board Of Equalization: 44-000074
Ref Date: 02-26-93
Act Date: 06-09-93
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 6054-0204-REG1
Swrcb Tank Id: 07-000-013126-000003
Actv Date: 02-26-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 13126
Number: 1
Board Of Equalization: 44-000074
Ref Date: 02-26-93

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000288639

Act Date: 06-09-93
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-013126-000005
Actv Date: 06-20-88
Capacity: 550
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 13126
Number: Not reported
Board Of Equalization: 44-000074
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-013126-000004
Actv Date: Not reported
Capacity: 550
Tank Use: OIL
Stg: WASTE
Content: WASTE OIL
Number Of Tanks: 1

16
East
1/2-1
0.860 mi.
4539 ft.

CENTEX HOMES OF CALIFORNIA
I-80 / SYCAMORE
HERCULES, CA 94572

RESPONSE S102008339
ENVIROSTOR N/A
HIST Cal-Sites

Relative:
Higher

RESPONSE:
Facility ID: 07650001
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 100
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: NONE SPECIFIED
Lead Agency Description: Not reported
Project Manager: REMEDIOS SUNGA
Supervisor: Barbara Cook
Division Branch: North Coast
Site Code: Not reported
Assembly: 11
Senate: 07
Special Program Status: Not reported
Status: Certified
Status Date: 1984-10-08 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.0094
Longitude: -122.2788
Alias Name: Not reported

Actual:
43 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTEX HOMES OF CALIFORNIA (Continued)

S102008339

Alias Type: Not reported

APN: Parcel #5
APN Description: Not reported
Comments: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: 30013
Confirmed Description: Lead
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: SOIL
Media Affected Desc: Soil

Management:

Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30013
Potential Description: Lead
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

ENVIROSTOR:

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 100
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: NONE SPECIFIED
Program Manager: REMEDIOS SUNGA
Supervisor: Barbara Cook
Division Branch: North Coast
Facility ID: 07650001
Site Code: Not reported
Assembly: 11
Senate: 07
Special Program: Not reported
Status: Certified
Status Date: 1984-10-08 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.0094
Longitude: -122.2788
Alias Name: Not reported
Alias Type: Not reported

APN: Parcel #5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CENTEX HOMES OF CALIFORNIA (Continued)

S102008339

APN Description: Not reported
Comments: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: 30013
Confirmed Description: Lead
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: SOIL
Media Affected Desc: Soil

Management:

Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30013
Potential Description: Lead
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

HISTORICAL CAL-SITES:

Facility ID: 07650001
Region: 2
Region Name: BERKELEY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 09011984
Status: CERT - CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC
OVERSIGHT
Status Name: CERTIFIED
Lead Agency: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: RP
Type Name: RESPONSIBLE PARTY
NPL: Not reported
SIC Code: 65
SIC Name: REAL ESTATE
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

CENTEX HOMES OF CALIFORNIA (Continued)

S102008339

Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 11
State Senate District Code: 07

[Click this hyperlink](#) while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

17
ENE
1/2-1
0.874 mi.
4617 ft.

BIO-RAD LABORATORIES
HERCULES INDUSTRIAL PARK SAN PABLO AVE
HERCULES, CA 94547

HIST Cal-Sites S100350623
N/A

Relative:
Higher

HISTORICAL CAL-SITES:

Actual:
85 ft.

Facility ID: 07280160
Region: 2
Region Name: BERKELEY
Branch: NC
Branch Name: NORTH COAST
File Name: HERCULES PROPERTIES LTD.
State Senate District: 03121984
Status: CERT - CERTIFIED AS HAVING BEEN REMEDIATED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: RP
Type Name: RESPONSIBLE PARTY
NPL: Not Listed
SIC Code: 28
SIC Name: MANU - CHEMICALS & ALLIED PRODUCTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 11
State Senate District Code: 07

[Click this hyperlink](#) while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

18
 East
 1/2-1
 0.899 mi.
 4746 ft.

GELSAR
SAN PABLO AVENUE/SYCAMORE AVENUE
HERCULES, CA 94547

VCP
 LIENS
 ENVIROSTOR

S101661391
 N/A

Relative:
 Higher

VCP:

Actual:
 36 ft.

Facility ID: 07280162
 Site Type: Voluntary Cleanup
 Site Type Detail: Voluntary Cleanup
 Acres: 106
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP, RWQCB 2 - San Francisco Bay
 Lead Agency: SMBRP
 Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program
 Project Manager: REMEDIOS SUNGA
 Supervisor: Mark Piros
 Division Branch: North Coast
 Site Code: 200285
 Assembly: 11
 Senate: 07
 Special Programs Code: Voluntary Cleanup Program
 Status: Certified
 Status Date: 2003-12-12 00:00:00
 Restricted Use: NO
 Funding: Responsible Party
 Lat/Long: 38.0141666666667 / -122.278333333333
 Alias Name: Not reported
 Alias Type: Not reported

APN: 404-020-030 , 404-020-048
 APN Description: Not reported
 APN Description: Not reported
 Comments: Not reported

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported

Confirmed: 30013,30108,30156,30582,30594
 Confirmed Description: Lead
 Confirmed Description: Cadmium and compounds
 Confirmed Description: Copper and compounds
 Confirmed Description: 2,4,6-Trinitrotoluene
 Confirmed Description: Zinc
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: SOIL
 Media Affected Desc: Soil

Management:

Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: 30013, 30108, 30156, 30582, 30594
 Potential Description: Lead
 Potential Description: Cadmium and compounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GELSAR (Continued)

S101661391

Potenital Description: Copper and compounds
Potenital Description: 2,4,6-Trinitrotoluene
Potenital Description: Zinc
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

LIENS:

Envirostor Id: 7280162
Location: North Coast
Latitude: 38.0141666666667
Longitude: -122.278333333333
Site Status: CERT
Site Type: VOLUNT
Completed: 08/28/2002
If Satisfied: Satisfied
Date Settled: 11/03/03
Description: The site was once a portion of the Hercules Powder Company which manufactured explosives and various munitions from about 1900 to 1960. In the early 1960s, all of the buildings and structures were demolished leaving some concrete foundation walls. Metal contaminants and residues from the explosive manufacturing activities (nitroaromatic compounds) were detected in soils. The contaminated areas were associated with remnants of the former structures.

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 106
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay
Lead Agency: SMBRP
Program Manager: REMEDIOS SUNGA
Supervisor: Mark Piros
Division Branch: North Coast
Facility ID: 07280162
Site Code: 200285
Assembly: 11
Senate: 07
Special Program: Voluntary Cleanup Program
Status: Certified
Status Date: 2003-12-12 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.0141666666667
Longitude: -122.278333333333
Alias Name: Not reported
Alias Type: Not reported

APN: 404-020-030 , 404-020-048
APN Description: Not reported
APN Description: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GELSAR (Continued)

S101661391

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: 30013,30108,30156,30582,30594
Confirmed Description: Lead
Confirmed Description: Cadmium and compounds
Confirmed Description: Copper and compounds
Confirmed Description: 2,4,6-Trinitrotoluene
Confirmed Description: Zinc
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: SOIL
Media Affected Desc: Soil

Management:

Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30013, 30108, 30156, 30582, 30594
Potential Description: Lead
Potential Description: Cadmium and compounds
Potential Description: Copper and compounds
Potential Description: 2,4,6-Trinitrotoluene
Potential Description: Zinc
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

19
NE
1/2-1
0.939 mi.
4956 ft.

BIO-RAD LABORATORIES
2000 ALFRED NOBEL DRIVE
HERCULES, CA 94547

RCRA-SQG 1000352782
FINDS CAD983606872
HAZNET
RESPONSE
CONTRA COSTA CO. SITE LIST
AIRS
ENVIROSTOR

Relative:
Higher

Actual:
54 ft.

RCRA-SQG:

Date form received by agency: 03/04/1999
Facility name: BIO RAD LABORATORIES LIFE SCI
Site name: BIO-RAD LABORATORIES (2000 AN)
Facility address: 2000 Alfred Nobel Drive
Hercules, CA 94547
EPA ID: CAD983606872
Contact: Craig T. Dawson
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (510) 741-6570
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIO-RAD LABORATORIES (Continued)

1000352782

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: Unknown
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: Unknown
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: Unknown
Used oil processor: Unknown
User oil refiner: Unknown
Used oil fuel marketer to burner: Unknown
Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 09/01/1996
Facility name: BIO RAD LABORATORIES LIFE SCI
Classification: Small Quantity Generator

Date form received by agency: 03/01/1996
Facility name: BIO RAD LABORATORIES LIFE SCI
Site name: BIO-RAD LABORATORIES
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Not reported

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIO-RAD LABORATORIES (Continued)

1000352782

HAZNET:

Gepaid: CAD983606872
Contact: BIO-RAD LABORATORIES
Telephone: 5107411000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2000 ALFRED NOBEL DR
Mailing City,St,Zip: HERCULES, CA 945471801
Gen County: 7
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Disposal, Other
Tons: 1.1258
Facility County: 7

Gepaid: CAD983606872
Contact: BIO-RAD LABORATORIES
Telephone: 5107411000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2000 ALFRED NOBEL DR
Mailing City,St,Zip: HERCULES, CA 945471801
Gen County: 7
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: .0850
Facility County: 7

Gepaid: CAD983606872
Contact: BIO-RAD LABORATORIES
Telephone: 5107411000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2000 ALFRED NOBEL DR
Mailing City,St,Zip: HERCULES, CA 945471801
Gen County: 7
TSD EPA ID: AZD009015389
TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: Treatment, Incineration
Tons: .0755
Facility County: 7

Gepaid: CAD983606872
Contact: BIO-RAD LABORATORIES
Telephone: 5107411000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2000 ALFRED NOBEL DR
Mailing City,St,Zip: HERCULES, CA 945471801
Gen County: 7
TSD EPA ID: AZD009015389
TSD County: 99
Waste Category: Liquids with pH <UN-> 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIO-RAD LABORATORIES (Continued)

1000352782

Disposal Method: Treatment, Incineration
Tons: .0075
Facility County: 7

Gepaid: CAD983606872
Contact: BIO-RAD LABORATORIES
Telephone: 5107411000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2000 ALFRED NOBEL DR
Mailing City,St,Zip: HERCULES, CA 945471801
Gen County: 7
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: .0900
Facility County: 7

[Click this hyperlink](#) while viewing on your computer to access 70 additional CA_HAZNET: record(s) in the EDR Site Report.

RESPONSE:

Facility ID: 07280160
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 158
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager: Not reported
Supervisor: Barbara Cook
Division Branch: North Coast
Site Code: Not reported
Assembly: 11
Senate: 07
Special Program Status: Not reported
Status: Certified
Status Date: 1984-03-12 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.0241
Longitude: -122.2787
Alias Name: Not reported
Alias Type: Not reported

APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIO-RAD LABORATORIES (Continued)

1000352782

Confirmed: 30108,30156,30241,30013,30582,30594
Confirmed Description: Cadmium and compounds
Confirmed Description: Copper and compounds
Confirmed Description: Dinitrotoluene mixture
Confirmed Description: Lead
Confirmed Description: 2,4,6-Trinitrotoluene
Confirmed Description: Zinc
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: SOIL
Media Affected Desc: Soil

Management:

Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30013, 30108, 30156, 30241, 30582, 30594
Potential Description: Lead
Potential Description: Cadmium and compounds
Potential Description: Copper and compounds
Potential Description: Dinitrotoluene mixture
Potential Description: 2,4,6-Trinitrotoluene
Potential Description: Zinc
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 707792
Tier: Not reported
Program Status: HWG, Hmmp
Generator Fee Item: No
Inactive Date: Not reported

EMI:

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 7107
Air District Name: BA
SIC Code: 2899
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: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIO-RAD LABORATORIES (Continued)

1000352782

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 7107
Air District Name: BA
SIC Code: 2899
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: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 7107
Air District Name: BA
SIC Code: 2899
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: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 7107
Air District Name: BA
SIC Code: 2899
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: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 15411
Air District Name: BA
SIC Code: 2834

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIO-RAD LABORATORIES (Continued)

1000352782

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: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 15411
Air District Name: BA
SIC Code: 2834
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: 0.155
Reactive Organic Gases Tons/Yr: 0.014167
Carbon Monoxide Emissions Tons/Yr: 0.048
NOX - Oxides of Nitrogen Tons/Yr: 0.377
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.001
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0.000994

Year: 2005
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 15411
Air District Name: BA
SIC Code: 2834
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: .223
Reactive Organic Gases Tons/Yr: .0203822
Carbon Monoxide Emissions Tons/Yr: .068
NOX - Oxides of Nitrogen Tons/Yr: .541
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .002
Part. Matter 10 Micrometers & Smlr Tons/Yr: .001988

ENVIROSTOR:

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 158
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Barbara Cook
Division Branch: North Coast
Facility ID: 07280160
Site Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIO-RAD LABORATORIES (Continued)

1000352782

Assembly: 11
Senate: 07
Special Program: Not reported
Status: Certified
Status Date: 1984-03-12 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.0241
Longitude: -122.2787
Alias Name: Not reported
Alias Type: Not reported

APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: 30108,30156,30241,30013,30582,30594
Confirmed Description: Cadmium and compounds
Confirmed Description: Copper and compounds
Confirmed Description: Dinitrotoluene mixture
Confirmed Description: Lead
Confirmed Description: 2,4,6-Trinitrotoluene
Confirmed Description: Zinc
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: SOIL
Media Affected Desc: Soil

Management:

Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30013, 30108, 30156, 30241, 30582, 30594
Potential Description: Lead
Potential Description: Cadmium and compounds
Potential Description: Copper and compounds
Potential Description: Dinitrotoluene mixture
Potential Description: 2,4,6-Trinitrotoluene
Potential Description: Zinc
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D20 **HERCULES, INC.** **CA BOND EXP. PLAN** **S105960426**
East **CORNER OF SAN PABLO AVENUE AND SYCAMORE** **N/A**
1/2-1 **HERCULES, CA 94547**
0.978 mi.
5163 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

CA BOND EXP. PLAN:

Responsible Party: RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN
 Project Revenue Source Company: Not reported

Actual:
40 ft.

Project Revenue Source Addr: Not reported
 Project Revenue Source City,St,Zip: Not reported

Project Revenue Source Desc: Hercules, Inc. has and will continue to bear all costs offsite remediation as the property owner and responsible party. The RPs are in compliance with an order issued in June, 1988. DHS has budgeted \$30,000 for oversight/monitoring of cleanup efforts. DHS will recover 100 percent of direct costs plus staff costs and overhead related to the project. The responsible parties will pay all costs associated with remedial investigations and cleanup activities.

Site Description: This 41 acre site was once a portion of Hercules Powder Works Company. Various munitions and explosives were manufactured and stored at the site from the early 1900's to the late 1950's. It is being remediated to meet unrestricted land use criteria.

Hazardous Waste Desc: Wastes found onsite include: trinitrotoluene, dinitrotoluene, dinitrobenzene and lead.

Threat To Public Health & Env: The site is located adjacent to a residential area. Direct contact with the contaminated soil is the primary potential route of exposure.

Site Activity Status: The site has been characterized and the RP is developing a RAP using bioreclamation technology. An IRM was implemented which consisted of the excavation and offsite disposal of lead contaminated soils. Organic contaminants (explosives) may be remediated using the alternative technology.

D21 **HERCULES INC** **Cortese** **S101479939**
East **CORNER OF SAN PABLO / SYC** **RESPONSE** **N/A**
1/2-1 **HERCULES, CA 94547** **DEED**
0.978 mi. **ENVIROSTOR**
5163 ft. **Site 2 of 2 in cluster D** **HIST Cal-Sites**

Relative:
Higher

Cortese:

Region: CORTESE
 Facility Addr2: Not reported

Actual:
40 ft.

RESPONSE:

Facility ID: 07280156
 Site Type: State Response
 Site Type Detail: State Response or NPL
 Acres: 41
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP
 Lead Agency: SMBRP
 Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program
 Project Manager: REMEDIOS SUNGA
 Supervisor: Mark Piros
 Division Branch: North Coast
 Site Code: 200044
 Assembly: 11
 Senate: 07
 Special Program Status: Not reported
 Status: Certified / Operation & Maintenance
 Status Date: 1992-11-25 00:00:00
 Restricted Use: YES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERCULES INC (Continued)

S101479939

Funding: Responsible Party
Latitude: 38.0113888888889
Longitude: -122.28
Alias Name: Not reported
Alias Type: Not reported

APN: 404-020-026
APN Description: Not reported
Comments: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: 30013,30156,30241,30582,30594
Confirmed Description: Lead
Confirmed Description: Copper and compounds
Confirmed Description: Dinitrotoluene mixture
Confirmed Description: 2,4,6-Trinitrotoluene
Confirmed Description: Zinc
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2012
Media Affected: SED, SOIL
Media Affected Desc: Sediments
Media Affected Desc: Soil

Management:

Management Required: LUC
Management Required Desc: Land Use covenant
Potential: 30013, 30156, 30241, 30582, 30594
Potential Description: Lead
Potential Description: Copper and compounds
Potential Description: Dinitrotoluene mixture
Potential Description: 2,4,6-Trinitrotoluene
Potential Description: Zinc
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

DEED:

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Deed Date(s): 10/13/1992

ENVIROSTOR:

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 41

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HERCULES INC (Continued)

S101479939

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: REMEDIOS SUNGA
Supervisor: Mark Piros
Division Branch: North Coast
Facility ID: 07280156
Site Code: 200044
Assembly: 11
Senate: 07
Special Program: Not reported
Status: Certified / Operation & Maintenance
Status Date: 1992-11-25 00:00:00
Restricted Use: YES
Funding: Responsible Party
Latitude: 38.0113888888889
Longitude: -122.28
Alias Name: Not reported
Alias Type: Not reported

APN: 404-020-026
APN Description: Not reported
Comments: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: 30013,30156,30241,30582,30594
Confirmed Description: Lead
Confirmed Description: Copper and compounds
Confirmed Description: Dinitrotoluene mixture
Confirmed Description: 2,4,6-Trinitrotoluene
Confirmed Description: Zinc
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2012
Media Affected: SED, SOIL
Media Affected Desc: Sediments
Media Affected Desc: Soil

Management:

Management Required: LUC
Management Required Desc: Land Use covenant
Potential: 30013, 30156, 30241, 30582, 30594
Potential Description: Lead
Potential Description: Copper and compounds
Potential Description: Dinitrotoluene mixture
Potential Description: 2,4,6-Trinitrotoluene
Potential Description: Zinc
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HERCULES INC (Continued)

S101479939

PastUse: MANUFACTURING - OTHER

HISTORICAL CAL-SITES:

Facility ID: 07280156
Region: 2
Region Name: BERKELEY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 11251992
Status: COM - CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES
IMPLEMENTED REMEDIATION CONTINUES
Status Name: CERTIFIED / OPERATION & MAINTENANCE
Lead Agency: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: RP
Type Name: RESPONSIBLE PARTY
NPL: Not Listed
SIC Code: 28
SIC Name: MANU - CHEMICALS & ALLIED PRODUCTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
Staff Member Responsible for Site: RSUNGA
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 11
State Senate District Code: 07

[Click this hyperlink](#) while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HERCULES	1001815670	CALTRANS DIST 4	HWY 4 PM 0 TO PM 3	94547	RCRA-SQG, FINDS, HAZNET, CONTI COSTA CO. SITE LIST
PINOLE	S106930730	PINOLE WASTEWATER TREAT PLANT	TENNENT AVE	94564	SWEEPS 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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/28/2008
	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

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/04/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/28/2008
	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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/28/2008
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: 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: 02/19/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/19/2008
	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: 01/09/2008	Source: EPA
Date Data Arrived at EDR: 02/05/2008	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 04/25/2008
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/16/2008
	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: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/17/2008
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/08/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/07/2008	Telephone: 202-564-6023
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/26/2008	Source: EPA
Date Data Arrived at EDR: 04/02/2008	Telephone: 800-424-9346
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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. 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). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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. 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.

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-0695
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/30/2008
	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: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-0695
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Varies

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: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/22/2008
Number of Days to Update: 54	Next Scheduled EDR Contact: 07/21/2008
	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: 10/31/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2008	Telephone: 202-366-4555
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/16/2008
Number of Days to Update: 60	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 02/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/27/2008	Telephone: 202-366-4595
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/28/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

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: 01/03/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/30/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Semi-Annually

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: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
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: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/03/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/22/2008
Next Scheduled EDR Contact: 07/21/2008
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: 01/14/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Annually

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: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 12/28/2007
Date Data Arrived at EDR: 12/28/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 27

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Varies

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: 02/07/2008
Date Data Arrived at EDR: 03/26/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/26/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Semi-Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/29/2008
Next Scheduled EDR Contact: 06/16/2008
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
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/14/2008
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: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
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: 02/28/2008
Date Data Arrived at EDR: 03/18/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
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: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
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: 01/15/2008
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 05/01/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Quarterly

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: 04/03/2008	Source: EPA
Date Data Arrived at EDR: 04/08/2008	Telephone: (415) 947-8000
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/30/2008
	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: 03/03/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/02/2008
	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: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 03/13/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/09/2008
	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: 02/25/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/26/2008
	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: 02/26/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 02/25/2008
	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: 04/28/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/28/2008
	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: 03/10/2008	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 03/12/2008	Telephone: 916-341-6320
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/09/2008
	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: 03/03/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 03/17/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/16/2008
	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: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 04/07/2008
Date Data Arrived at EDR: 04/09/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 04/09/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Quarterly

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: 858-637-5595
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
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: 909-782-4496
Last EDR Contact: 05/05/2008
Next Scheduled EDR Contact: 08/04/2008
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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: 760-241-7365
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
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: 530-542-5572
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calaveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 04/23/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 13

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 04/23/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 03/24/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 02/11/2008
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 04/07/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Quarterly

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	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 02/19/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: No Update Planned

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. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 04/08/2008	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/09/2008	Telephone: see region list
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 04/09/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 02/19/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/08/2008	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/09/2008	Telephone: 866-480-1028
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 01/09/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 02/19/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 04/07/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/07/2008
	Data Release Frequency: Quarterly

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 02/11/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 04/21/2008
Number of Days to Update: 47	Next Scheduled EDR Contact: 07/21/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 03/03/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/08/2008	Source: SWRCB
Date Data Arrived at EDR: 04/09/2008	Telephone: 916-480-1028
Date Made Active in Reports: 05/01/2008	Last EDR Contact: 04/09/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/24/2008	Source: Department of Public Health
Date Data Arrived at EDR: 03/25/2008	Telephone: 707-463-4466
Date Made Active in Reports: 04/09/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Varies

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/05/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/06/2008	Telephone: 916-323-3400
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 05/05/2008
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/04/2008
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/27/2007	Telephone: 916-341-5712
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/28/2008
	Data Release Frequency: Quarterly

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 1990'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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/23/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 05/02/2008
Next Scheduled EDR Contact: 05/19/2008
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
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
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: 04/01/2008
Date Data Arrived at EDR: 04/02/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 12

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/02/2008
Next Scheduled EDR Contact: 06/30/2008
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: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Quarterly

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 launderers; laundry and garment services.

Date of Government Version: 07/31/2007
Date Data Arrived at EDR: 07/31/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 9

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/02/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 04/23/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 04/23/2008
Next Scheduled EDR Contact: 07/21/2008
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: 12/31/2007
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 14

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
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: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
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: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
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: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 04/18/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 04/28/2008
Date Data Arrived at EDR: 04/29/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 7

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

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: 02/20/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

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: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/28/2008	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-6597
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

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: 02/25/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/26/2008	Telephone: 415-972-3372
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/21/2008	Source: EPA Region 10
Date Data Arrived at EDR: 02/26/2008	Telephone: 206-553-2857
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

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

Date of Government Version: 03/17/2008	Source: EPA Region 4
Date Data Arrived at EDR: 03/27/2008	Telephone: 404-562-8677
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land No description is available for this data

Date of Government Version: 02/28/2008	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-7591
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land No description is available for this data

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/25/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 12/21/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 34

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/21/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/20/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/28/2008	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/29/2008	Telephone: 510-567-6700
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 05/05/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/21/2008
	Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/28/2008	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/29/2008	Telephone: 510-567-6700
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 05/05/2008
Number of Days to Update: 10	Next Scheduled EDR Contact: 07/21/2008
	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: 03/07/2008	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 03/11/2008	Telephone: 925-646-2286
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/25/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/26/2008
	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: 03/31/2008	Source: Dept. of Community Health
Date Data Arrived at EDR: 04/18/2008	Telephone: 559-445-3271
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 04/18/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 04/01/2008	Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 04/18/2008	Telephone: 661-862-8700
Date Made Active in Reports: 05/01/2008	Last EDR Contact: 04/16/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA Region 9
Date Data Arrived at EDR: 07/07/1999	Telephone: 415-972-3178
Date Made Active in Reports: N/A	Last EDR Contact: 04/14/2008
Number of Days to Update: 0	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/28/2008	Source: Department of Public Works
Date Data Arrived at EDR: 04/16/2008	Telephone: 626-458-3517
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 02/11/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/12/2008	Source: La County Department of Public Works
Date Data Arrived at EDR: 02/21/2008	Telephone: 818-458-5185
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/14/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2008	Source: Engineering & Construction Division
Date Data Arrived at EDR: 03/20/2008	Telephone: 213-473-7869
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 02/14/2008	Source: Community Health Services
Date Data Arrived at EDR: 04/10/2008	Telephone: 323-890-7806
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 02/11/2008
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/11/2008	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 02/21/2008	Telephone: 310-524-2236
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/11/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 10/23/2003	Telephone: 562-570-2563
Date Made Active in Reports: 11/26/2003	Last EDR Contact: 02/19/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/26/2008	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 02/27/2008	Telephone: 310-618-2973
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/25/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/04/2008	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 02/21/2008	Telephone: 415-499-6647
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/28/2008
	Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 04/24/2008	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 04/25/2008	Telephone: 707-253-4269
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 04/07/2008
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008	Telephone: 707-253-4269
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 05/07/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 03/03/2008	Source: Health Care Agency
Date Data Arrived at EDR: 03/20/2008	Telephone: 714-834-3446
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/06/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/03/2008	Source: Health Care Agency
Date Data Arrived at EDR: 03/25/2008	Telephone: 714-834-3446
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/06/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/03/2008	Source: Health Care Agency
Date Data Arrived at EDR: 03/18/2008	Telephone: 714-834-3446
Date Made Active in Reports: 04/09/2008	Last EDR Contact: 03/06/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 07/23/2007	Telephone: 530-889-7312
Date Made Active in Reports: 08/09/2007	Last EDR Contact: 03/17/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 06/16/2008
	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: 08/06/2007	Source: Department of Public Health
Date Data Arrived at EDR: 08/07/2007	Telephone: 951-358-5055
Date Made Active in Reports: 09/26/2007	Last EDR Contact: 04/14/2008
Number of Days to Update: 50	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 08/06/2007	Source: Health Services Agency
Date Data Arrived at EDR: 08/07/2007	Telephone: 951-358-5055
Date Made Active in Reports: 09/24/2007	Last EDR Contact: 04/14/2008
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/11/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 05/02/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/28/2008
	Data Release Frequency: Quarterly

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: 02/11/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 05/02/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/28/2008
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/18/2008	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 03/19/2008	Telephone: 909-387-3041
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/03/2007
	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	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 05/18/2005	Telephone: 619-338-2268
Date Made Active in Reports: 06/16/2005	Last EDR Contact: 04/02/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/2007	Source: Department of Health Services
Date Data Arrived at EDR: 02/05/2008	Telephone: 619-338-2209
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 02/19/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 11/28/2007	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 03/13/2008	Telephone: 619-338-2371
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 04/23/2008
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 03/03/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 03/04/2008	Telephone: 415-252-3920
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/03/2008	Source: Department of Public Health
Date Data Arrived at EDR: 03/04/2008	Telephone: 415-252-3920
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/02/2008
	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: 02/01/2008	Source: Environmental Health Department
Date Data Arrived at EDR: 02/26/2008	Telephone: N/A
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 04/14/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/14/2008
	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: 01/31/2008	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 02/01/2008	Telephone: 650-363-1921
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/07/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 04/10/2008	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 04/11/2008	Telephone: 650-363-1921
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 04/07/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 07/07/2008
	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: 03/24/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 04/28/2008	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/29/2008	Telephone: 408-918-3417
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/04/2008	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 03/04/2008	Telephone: 408-277-4659
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 04/04/2008	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 04/22/2008	Telephone: 707-784-6770
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 04/04/2008	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 04/22/2008	Telephone: 707-784-6770
Date Made Active in Reports: 05/01/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/22/2008	Source: Department of Health Services
Date Data Arrived at EDR: 01/22/2008	Telephone: 707-565-6565
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/21/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/21/2008
	Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 05/04/2007	Telephone: 530-822-7500
Date Made Active in Reports: 05/24/2007	Last EDR Contact: 03/31/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/30/2008
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2008
Date Data Arrived at EDR: 03/25/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 20

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/27/2008
Date Data Arrived at EDR: 03/25/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 20

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
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: 03/26/2008
Date Data Arrived at EDR: 04/09/2008
Date Made Active in Reports: 05/01/2008
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/09/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 02/20/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 23

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/14/2008
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: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/14/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/03/2008
Next Scheduled EDR Contact: 06/30/2008
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: 02/15/2008
Date Data Arrived at EDR: 02/28/2008
Date Made Active in Reports: 04/09/2008
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/28/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 04/07/2008
Next Scheduled EDR Contact: 07/07/2008
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 of 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

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CHELSEA WETLANDS
RAILROAD AVENUE
HERCULES, CA 94547

TARGET PROPERTY COORDINATES

Latitude (North): 38.01408 - 38° 0' 50.7"
Longitude (West): 122.29242 - 122° 17' 32.7"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 562113.7
UTM Y (Meters): 4207407.5
Elevation: 9 ft. above sea level

USGS TOPOGRAPHIC MAP

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

South Map: 37122-H3 RICHMOND, CA
Most Recent Revision: 1999

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).

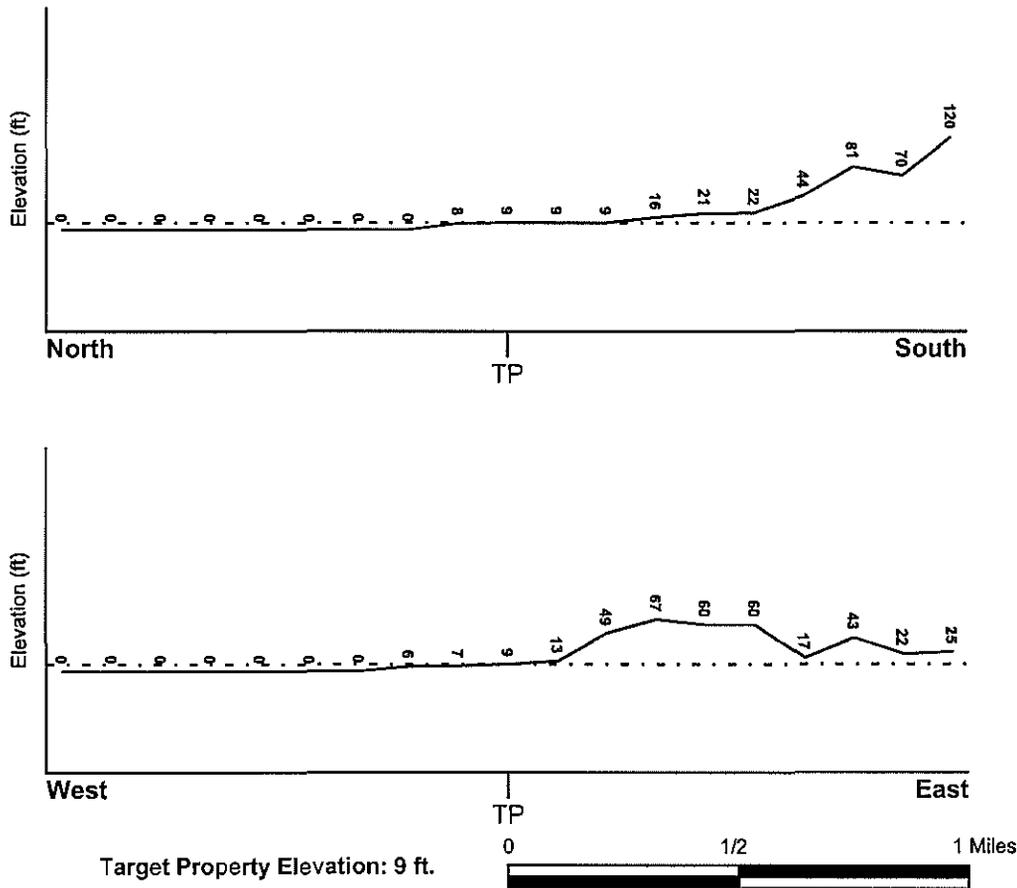
TOPOGRAPHIC INFORMATION

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 West

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
CONTRA COSTA, CA

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

Flood Plain Panel at Target Property: 0604340008B

Additional Panels in search area: 0604340006B
0604340005B
0600320002B
0600320003B
0600250050B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
MARE ISLAND

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>
Not Reported		

* ©1998 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

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

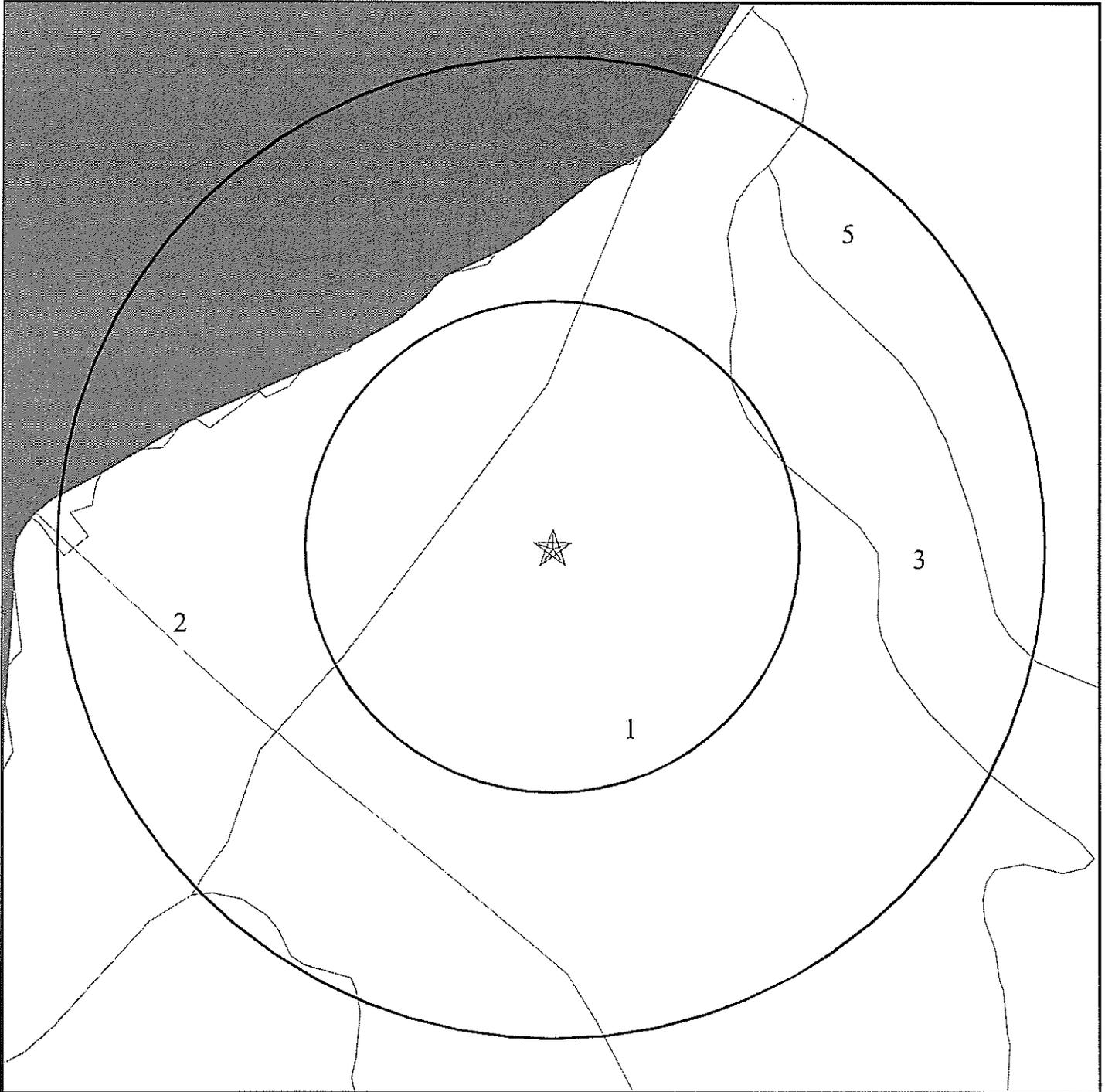
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

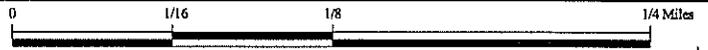
Category: Stratified Sequence

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 - 02214910.2r



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Chelsea Wetlands
ADDRESS: Railroad Avenue
Hercules CA 94547
LAT/LONG: 38.0141 / 122.2924

CLIENT: Engeo Inc.
CONTACT: Keith Nowell
INQUIRY #: 02214910.2r
DATE: May 08, 2008 12:26 pm

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: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	29 inches	clay	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: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	29 inches	59 inches	clay	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: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: JOICE

Soil Surface Texture: muck

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	muck	A-8	Highly organic soils, Peat.	Max: 141 Min: 42	Max: Min:
2	14 inches	59 inches	muck	A-8	Highly organic soils, Peat.	Max: 141 Min: 42	Max: Min:

Soil Map ID: 3

Soil Component Name: LODO

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 46 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	18 inches	22 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 5

Soil Component Name: TIERRA

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	25 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	59 inches	70 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 6

Soil Component Name: CUT AND FILL LAND (fill part)

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	clay	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: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

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		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

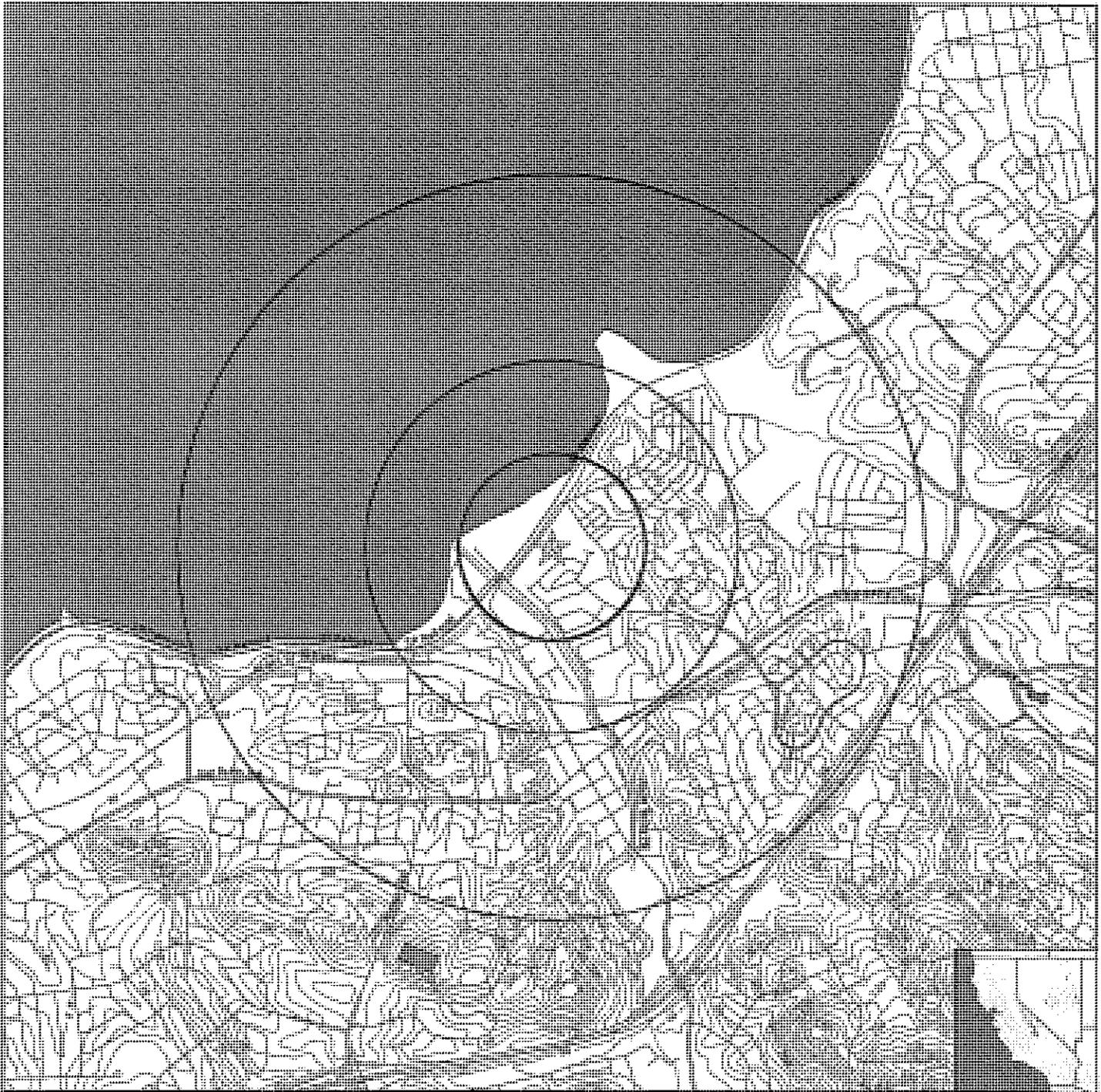
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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 - 02214910.2r



- 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: Chelsea Wetlands
 ADDRESS: Railroad Avenue
 Hercules CA 94547
 LAT/LONG: 38.0141 / 122.2924

CLIENT: Engeo Inc.
 CONTACT: Keith Nowell
 INQUIRY #: 02214910.2r
 DATE: May 08, 2008 12:26 pm

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
94547	5	0	0.00

Federal EPA Radon Zone for CONTRA COSTA County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94547

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.300 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

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^R 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

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

STREET AND ADDRESS INFORMATION

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CALTRANS DIST 4
HWY 4 PM 0 TO PM 3
HERCULES, CA 94547

Inquiry Number:
May 12, 2008

EDR Site Report™

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 7

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 CALTRANS DIST 4 HWY 4 PM 0 TO PM 3 HERCULES, CA 94547 EOR ID #1001815670 EPA #CAR000058859
AREA	
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	YES - p4
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	YES - p5
Facility is listed in a county/local unique database (LOCAL)	YES - p6
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	3

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility generates hazardous waste

DATABASE: Resource Conservation and Recovery Information (RCRAInfo)

CALTRANS DIST 4
HWY 4 PM 0 TO PM 3
HERCULES, CA 94547
EDR ID #1001815670

RCRA-SQG:

Date form received by agency: 11/08/1999
Facility name: CALTRANS DIST 4
Facility address: HWY 4 PM 0 TO PM 3
HERCULES, CA 94547
EPA ID: CAR000058859
Mailing address: P O BOX 23660
OAKLAND, CA 946230660
Contact: AUTAR KAUL
Contact address: 111 GRAND AVE
OAKLAND, CA 94612
Contact country: US
Contact telephone: (510) 286-4828
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CALTRANS
Owner/operator address: P O BOX 23660
OAKLAND, CA 94623
Owner/operator country: Not reported
Owner/operator telephone: (510) 286-4828
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 11/08/1999
Facility name: CALTRANS DIST 4
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined
Waste code: D008
Waste name: LEAD
Violation Status: No violations found

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

MULTIMEDIA

Facility is listed in EPA's index system

DATABASE: Facility Index System (FINDS)

CALTRANS DIST 4
HWY 4 PM 0 TO PM 3
HERCULES, CA 94547
EDR ID #1001815670

This site is listed in the Federal FINDS database. The FINDS database may contain references to records from government databases included elsewhere in the report.

Please note: the FINDS database may also contain references to out of date records formerly associated with the site.

Registry ID: 110008288030
Facility Name: CALTRANS DIST 4
Facility Address: HWY 4 PM 0 TO PM 3
HERCULES, CA 94547
Facility County: CONTRA COSTA
EPA Region: 09
Fed. Gov. Facility: Not reported
Indian Tribal Land: No
EPA Records Indicate Facility Is Listed In

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Prg. Sys. ID: CAR000058859
Supplemental Interest: Not reported
Facility SIC Codes: Not reported
Facility NAICS Codes: Not reported

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

MULTIMEDIA

Facility is listed in a county/local unique database

DATABASE: State/County (LOCAL)

CALTRANS DIST 4
HWY 4 PM 0 TO PM 3
HERCULES, CA 94547
EDR ID #1001815670

HAZNET:

Gepaid: CAR000058859
Contact: CALTRANS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 23660
Mailing City,St,Zip: OAKLAND, CA 946230000
Gen County: 7
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 8,428
Facility County: 7

Gepaid: CAR000058859
Contact: CALTRANS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 23660
Mailing City,St,Zip: OAKLAND, CA 946230000
Gen County: 7
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 5,1750
Facility County: 7

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 737758
Tier: Not reported
Program Status: HWG, Hmmp, AGT
Generator Fee Item: No
Inactive Date: Not reported

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

WASTE MANAGEMENT

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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). Transporters are individuals or entities that move hazardous waste from the generator offsite 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: 03/06/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

RCRA-LQG: RCRA - Large Quantity Generators

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

RCRA-SQG: RCRA - Small Quantity Generators

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generator

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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.

Date of Government Version: 03/06/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

RCRA-NonGen: RCRA - Non Generators

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

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

Date of Government Version: 12/31/2005
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/13/2008
Date of Next Scheduled Update: 06/09/2008

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

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

Date of Government Version: 04/17/1995
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-566-0500

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: 12/04/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 05/09/2008
Date of Next Scheduled Update: 08/04/2008

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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

Date of Government Version: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

CA AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 07/28/2008

CA UST: Active UST Facilities

Source: SWRCB
Telephone: 866-480-1028

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/08/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/09/2008
Date of Next Scheduled Update: 07/07/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA LUST: Geotracker's Leaking Underground Fuel Tank Report

Source: State Water Resources Control Board

Telephone: Not reported

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. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 04/08/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/2008
Date of Next Scheduled Update: 07/07/2008

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

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

Date of Government Version: 12/31/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/2008
Date of Next Scheduled Update: 07/21/2008

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

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

Date of Government Version: 10/31/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 04/16/2008
Date of Next Scheduled Update: 07/14/2008

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: Not reported

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: 01/31/2008
Date Made Active at EDR: 03/17/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/08/2008
Elapsed ASTM Days: 38
Date of Last EDR Contact: 04/28/2008

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: Not reported

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/31/2008
Date Made Active at EDR: 03/17/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/04/2008
Elapsed ASTM Days: 42
Date of Last EDR Contact: 04/28/2008

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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: 01/31/2008
Date Made Active at EDR: 03/17/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/08/2008
Elapsed ASTM Days: 38
Date of Last EDR Contact: 04/28/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

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

Source: EPA

Telephone: 703-412-9810

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: 01/09/2008

Date Made Active at EDR: 02/20/2008

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/05/2008

Elapsed ASTM Days: 15

Date of Last EDR Contact: 04/25/2008

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-412-9810

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: 12/03/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008

Date of Next Scheduled Update: 06/16/2008

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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

Date of Government Version: 01/14/2008

Database Release Frequency: Annually

Date of Last EDR Contact: 03/31/2008

Date of Next Scheduled Update: 06/30/2008

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

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

Date Made Active at EDR: 03/30/1994

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

Date of Last EDR Contact: 02/19/2008

CA SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board

Telephone: 916-341-6320

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

Date of Government Version: 03/10/2008

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/2008

Date of Next Scheduled Update: 06/09/2008

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

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: 12/31/2006

Database Release Frequency: Annually

Date of Last EDR Contact: 02/29/2008

Date of Next Scheduled Update: 06/16/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-4203

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: 12/31/2006
Database Release Frequency: Annually

Date of Last EDR Contact: 04/14/2008
Date of Next Scheduled Update: 07/14/2008

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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

Date of Government Version: 12/31/2002
Database Release Frequency: N/A

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 07/14/2008

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667

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: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

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

Source: EPA

Telephone: 202-566-1667

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

FINDS: Facility Index System/Facility Registry System

Source: EPA

Telephone: Not reported

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: 04/03/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

RMP: Risk Management Plans

Source: Environmental Protection Agency

Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances.

The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 03/01/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 02/15/2008
Date of Next Scheduled Update: 05/19/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

STORMWATER: Storm Water General Permits

Source: Environmental Protection Agency

Telephone: 202-564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

US ENG CONTROLS: Engineering Controls Sites List

Source: Environmental Protection Agency

Telephone: 703-603-0695

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: 01/18/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

US INST CONTROL: Sites with Institutional Controls

Source: Environmental Protection Agency

Telephone: 703-603-0695

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: 01/18/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 1

Telephone: 617-918-1313

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

Date of Government Version: 03/12/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 02/15/2008
Date of Next Scheduled Update: 05/19/2008

RADINFO: Radiation Information Database

Source: Environmental Protection Agency

Telephone: 202-343-9775

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/29/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/01/2008
Date of Next Scheduled Update: 07/28/2008

LUCIS: Land Use Control Information System

Source: Department of the Navy

Telephone: 843-820-7326

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Database Release Frequency: Varies

Date of Last EDR Contact: 03/10/2008
Date of Next Scheduled Update: 06/09/2008

CDL: Clandestine Drug Labs

Source: Drug Enforcement Administration

Telephone: 202-307-1000

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/28/2008
Date of Next Scheduled Update: 06/23/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA HIST CAL-SITES: Historical Calsites Database

Source: Department of Toxic Substance Control
Telephone: 916-323-3400

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

Date of Government Version: 08/08/2005
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/25/2008
Date of Next Scheduled Update: 05/26/2008

CA CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

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

Date of Government Version: 01/01/1989
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/31/1994
Date of Next Scheduled Update: Not reported

CA SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 02/25/2008

CA TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board
Telephone: 916-227-4364

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

Date of Government Version: 07/01/1995
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 07/28/2008

CA WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

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

Date of Government Version: 04/01/2000
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

CA CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-341-5227

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

CA CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400

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.

Date of Government Version: 04/01/2001
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/21/2008
Date of Next Scheduled Update: 07/21/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA SWRCY: Recycler Database

Source: Department of Conservation
Telephone: 916-323-3836
A listing of recycling facilities in California.

Date of Government Version: 04/07/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/2008
Date of Next Scheduled Update: 07/07/2008

CA CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-341-5851

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/28/1998
Date of Next Scheduled Update: Not reported

CA SLIC: Statewide SLIC Cases

Source: State Water Resources Control Board
Telephone: 866-480-1028

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/08/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 01/09/2008
Date of Next Scheduled Update: 07/07/2008

CA Sacramento Co. CS: CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/11/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/02/2008
Date of Next Scheduled Update: 07/28/2008

CA CS: Contaminated Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

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: 01/28/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/05/2008
Date of Next Scheduled Update: 07/21/2008

CA HIST LUST SANTA CLARA: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/24/2008
Date of Next Scheduled Update: 06/23/2008

CA AOCONCERN: San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/14/2008
Date of Next Scheduled Update: 07/14/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-341-5851

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/26/2001
Date of Next Scheduled Update: Not reported

CA LIENS: Environmental Liens Listing

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/05/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 05/05/2008
Date of Next Scheduled Update: 08/04/2008

CA PERCHLORATE 2: Perchlorate Confirmed Contaminant Sites

Source: State Water Resources Control Board
Telephone: 916-341-5687

Perchlorate confirmed contaminant sites are regulated by the SWRCB and/or DTSC.

Date of Government Version: 02/26/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA CONTRA COSTA CO. SITE LIST: Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

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

Date of Government Version: 03/07/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/25/2008
Date of Next Scheduled Update: 05/26/2008

CA SAN JOSE HAZMAT: Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/04/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

CA Fresno Co. CUPA: CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

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

Date of Government Version: 03/31/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/18/2008
Date of Next Scheduled Update: 07/14/2008

CA PLACER CO. MS: Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA SWEEPS UST: SWEEPS UST Listing

Source: State Water Resources Control Board

Telephone: Not reported

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

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/03/2005

Date of Next Scheduled Update: Not reported

CA CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

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

Date of Government Version: 12/31/2005

Database Release Frequency: Varies

Date of Last EDR Contact: 05/02/2008

Date of Next Scheduled Update: 05/19/2008

CA NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

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

Date of Government Version: 10/21/1993

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/14/2008

Date of Next Scheduled Update: 07/14/2008

CA LA Co. Site Mitigation: Site Mitigation List

Source: Community Health Services

Telephone: 323-890-7806

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

Date of Government Version: 02/14/2008

Database Release Frequency: Annually

Date of Last EDR Contact: 05/12/2008

Date of Next Scheduled Update: 08/11/2008

CA Orange Co. Industrial Site: List of Industrial Site Cleanups

Source: Health Care Agency

Telephone: 714-834-3446

Petroleum and non-petroleum spills.

Date of Government Version: 03/03/2008

Database Release Frequency: Annually

Date of Last EDR Contact: 03/06/2008

Date of Next Scheduled Update: 06/02/2008

CA DEED: Deed Restriction Listing

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

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: 04/01/2008

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/02/2008

Date of Next Scheduled Update: 06/30/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA DRYCLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-327-4498

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

Date of Government Version: 07/31/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 05/12/2008
Date of Next Scheduled Update: 08/11/2008

CA LOS ANGELES CO. HMS: HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/28/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/12/2008
Date of Next Scheduled Update: 08/11/2008

CA VENTURA CO. BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

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

Date of Government Version: 02/27/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/2008
Date of Next Scheduled Update: 06/09/2008

CA WIP: Well Investigation Program Case List

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726

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

Date of Government Version: 02/26/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 04/23/2008
Date of Next Scheduled Update: 07/21/2008

CA CDL: Clandestine Drug Labs

Source: Department of Toxic Substances Control
Telephone: 916-255-6504

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: 12/31/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 04/21/2008
Date of Next Scheduled Update: 07/21/2008

CA Sacramento Co. ML: ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

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

Date of Government Version: 02/11/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/02/2008
Date of Next Scheduled Update: 07/28/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA SAN DIEGO CO. HMMD: Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division

Telephone: 619-338-2268

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

Date of Government Version: 05/16/2005
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2008
Date of Next Scheduled Update: 06/30/2008

CA San Bern. Co. Permit: Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041

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

Date of Government Version: 03/18/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 12/03/2007

CA San Mateo Co. BI: Business Inventory

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

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

Date of Government Version: 01/31/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 04/07/2008
Date of Next Scheduled Update: 07/07/2008

CA RESPONSE: State Response Sites

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

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: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA HAZNET: Facility and Manifest Data

Source: California Environmental Protection Agency

Telephone: 916-255-1136

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

Date of Government Version: 12/31/2006
Database Release Frequency: Annually

Date of Last EDR Contact: 05/09/2008
Date of Next Scheduled Update: 08/04/2008

CA EMI: Emissions Inventory Data

Source: California Air Resources Board

Telephone: 916-322-2990

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

Date of Government Version: 12/31/2005
Database Release Frequency: Varies

Date of Last EDR Contact: 04/18/2008
Date of Next Scheduled Update: 07/14/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA ENVIROSTOR: EnviroStor Database

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA HAULERS: Registered Waste Tire Haulers Listing

Source: Integrated Waste Management Board
Telephone: 916-341-6422

A listing of registered waste tire haulers.

Date of Government Version: 04/28/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 06/09/2008

CA SAN DIEGO CO. SAM: Environmental Case Listing

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 11/28/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 04/23/2008
Date of Next Scheduled Update: 06/30/2008

CA DAY CARE: Licensed Child Care Facilities

Source: Department of Social Services
Telephone: 916-657-4041

Date of Government Version: 01/15/2008
Database Release Frequency: N/A

Date of Last EDR Contact: 12/21/2007
Date of Next Scheduled Update: Not reported

POTENTIAL SUPERFUND LIABILITY

PRP: Potentially Responsible Parties

Source: EPA
Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/24/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

PINOLE WASTEWATER TREAT PLANT
TENNENT AVE
PINOLE, CA 94564

Inquiry Number:
May 12, 2008

EDR Site Report™

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 PINOLE WASTEWATER TREAT PLANT TENNENT AVE PINOLE, CA 94564 EDR ID #S106930730
AREA	
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	YES - p4
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in a county/local unique database

DATABASE: State/County (LOCAL)

PINOLE WASTEWATER TREAT PLANT
TENNENT AVE
PINOLE, CA 94564
EDR ID #S106930730

SWEEPS UST:

Status: A
Comp Number: 70195
Number: 4
Board Of Equalization: 44-002654
Ref Date: 01-31-92
Act Date: 01-31-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 07-000-070195-000001
Actv Date: 01-31-92
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 70195
Number: 4
Board Of Equalization: 44-002654
Ref Date: 01-31-92
Act Date: 01-31-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 07-000-070195-000002
Actv Date: 01-31-92
Capacity: 1500
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 70195
Number: 4
Board Of Equalization: 44-002654
Ref Date: 01-31-92
Act Date: 01-31-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 07-000-070195-000003
Actv Date: 01-31-92
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

WASTE MANAGEMENT

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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). Transporters are individuals or entities that move hazardous waste from the generator offsite 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: 03/06/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

RCRA-LQG: RCRA - Large Quantity Generators

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

RCRA-SQG: RCRA - Small Quantity Generators

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generator

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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.

Date of Government Version: 03/06/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

RCRA-NonGen: RCRA - Non Generators

Source: Environmental Protection Agency
Telephone: 703-308-0035

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 05/19/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

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

Date of Government Version: 12/31/2005
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/13/2008
Date of Next Scheduled Update: 06/09/2008

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

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

Date of Government Version: 04/17/1995
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-566-0500

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: 12/04/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 05/09/2008
Date of Next Scheduled Update: 08/04/2008

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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

Date of Government Version: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

CA AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 07/28/2008

CA UST: Active UST Facilities

Source: SWRCB
Telephone: 866-480-1028

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/08/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/09/2008
Date of Next Scheduled Update: 07/07/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA LUST: Geotracker's Leaking Underground Fuel Tank Report

Source: State Water Resources Control Board

Telephone: Not reported

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. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 04/08/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/2008
Date of Next Scheduled Update: 07/07/2008

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

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

Date of Government Version: 12/31/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/2008
Date of Next Scheduled Update: 07/21/2008

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

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

Date of Government Version: 10/31/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 04/16/2008
Date of Next Scheduled Update: 07/14/2008

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: Not reported

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: 01/31/2008
Date Made Active at EDR: 03/17/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/08/2008
Elapsed ASTM Days: 38
Date of Last EDR Contact: 04/28/2008

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: Not reported

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/31/2008
Date Made Active at EDR: 03/17/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/04/2008
Elapsed ASTM Days: 42
Date of Last EDR Contact: 04/28/2008

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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: 01/31/2008
Date Made Active at EDR: 03/17/2008
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/08/2008
Elapsed ASTM Days: 38
Date of Last EDR Contact: 04/28/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

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

Source: EPA

Telephone: 703-412-9810

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: 01/09/2008

Date Made Active at EDR: 02/20/2008

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/05/2008

Elapsed ASTM Days: 15

Date of Last EDR Contact: 04/25/2008

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-412-9810

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: 12/03/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008

Date of Next Scheduled Update: 06/16/2008

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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

Date of Government Version: 01/14/2008

Database Release Frequency: Annually

Date of Last EDR Contact: 03/31/2008

Date of Next Scheduled Update: 06/30/2008

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

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

Date Made Active at EDR: 03/30/1994

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

Date of Last EDR Contact: 02/19/2008

CA SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board

Telephone: 916-341-6320

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

Date of Government Version: 03/10/2008

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/2008

Date of Next Scheduled Update: 06/09/2008

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

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: 12/31/2006

Database Release Frequency: Annually

Date of Last EDR Contact: 02/29/2008

Date of Next Scheduled Update: 06/16/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-4203

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: 12/31/2006
Database Release Frequency: Annually

Date of Last EDR Contact: 04/14/2008
Date of Next Scheduled Update: 07/14/2008

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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

Date of Government Version: 12/31/2002
Database Release Frequency: N/A

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 07/14/2008

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667

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: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

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

Source: EPA

Telephone: 202-566-1667

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

FINDS: Facility Index System/Facility Registry System

Source: EPA

Telephone: Not reported

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: 04/03/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

RMP: Risk Management Plans

Source: Environmental Protection Agency

Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances.

The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 03/01/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 02/15/2008
Date of Next Scheduled Update: 05/19/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

STORMWATER: Storm Water General Permits

Source: Environmental Protection Agency

Telephone: 202-564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

US ENG CONTROLS: Engineering Controls Sites List

Source: Environmental Protection Agency

Telephone: 703-603-0695

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: 01/18/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

US INST CONTROL: Sites with Institutional Controls

Source: Environmental Protection Agency

Telephone: 703-603-0695

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, properly 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: 01/18/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 1

Telephone: 617-918-1313

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

Date of Government Version: 03/12/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 02/15/2008
Date of Next Scheduled Update: 05/19/2008

RADINFO: Radiation Information Database

Source: Environmental Protection Agency

Telephone: 202-343-9775

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/29/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/01/2008
Date of Next Scheduled Update: 07/28/2008

LUCIS: Land Use Control Information System

Source: Department of the Navy

Telephone: 843-820-7326

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Database Release Frequency: Varies

Date of Last EDR Contact: 03/10/2008
Date of Next Scheduled Update: 06/09/2008

CDL: Clandestine Drug Labs

Source: Drug Enforcement Administration

Telephone: 202-307-1000

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/28/2008
Date of Next Scheduled Update: 06/23/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA HIST CAL-SITES: Historical Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties.

In 1996, California EPA reevaluated and significantly reduced the number of sites in the

Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/25/2008

Date of Next Scheduled Update: 05/26/2008

CA CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

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

Date of Government Version: 01/01/1989

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/31/1994

Date of Next Scheduled Update: Not reported

CA SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

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: 02/26/2008

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008

Date of Next Scheduled Update: 02/25/2008

CA TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board

Telephone: 916-227-4364

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

Date of Government Version: 07/01/1995

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/28/2008

Date of Next Scheduled Update: 07/28/2008

CA WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board

Telephone: 916-227-4448

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

Date of Government Version: 04/01/2000

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008

Date of Next Scheduled Update: 06/02/2008

CA CA WDS: Waste Discharge System

Source: State Water Resources Control Board

Telephone: 916-341-5227

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008

Date of Next Scheduled Update: 06/16/2008

CA CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400

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.

Date of Government Version: 04/01/2001

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/21/2008

Date of Next Scheduled Update: 07/21/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA SWRCY: Recycler Database

Source: Department of Conservation
Telephone: 916-323-3836
A listing of recycling facilities in California.

Date of Government Version: 04/07/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/2008
Date of Next Scheduled Update: 07/07/2008

CA CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-341-5851

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/28/1998
Date of Next Scheduled Update: Not reported

CA SLIC: Statewide SLIC Cases

Source: State Water Resources Control Board
Telephone: 866-480-1028

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/08/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 01/09/2008
Date of Next Scheduled Update: 07/07/2008

CA Sacramento Co. CS: CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/11/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/02/2008
Date of Next Scheduled Update: 07/28/2008

CA CS: Contaminated Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

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: 01/28/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/05/2008
Date of Next Scheduled Update: 07/21/2008

CA HIST LUST SANTA CLARA: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/24/2008
Date of Next Scheduled Update: 06/23/2008

CA AOCONCERN: San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/14/2008
Date of Next Scheduled Update: 07/14/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-341-5851

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/26/2001
Date of Next Scheduled Update: Not reported

CA LIENS: Environmental Liens Listing

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/05/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 05/05/2008
Date of Next Scheduled Update: 08/04/2008

CA PERCHLORATE 2: Perchlorate Confirmed Contaminant Sites

Source: State Water Resources Control Board

Telephone: 916-341-5687

Perchlorate confirmed contaminant sites are regulated by the SWRCB and/or DTSC.

Date of Government Version: 02/26/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA CONTRA COSTA CO. SITE LIST: Site List

Source: Contra Costa Health Services Department

Telephone: 925-646-2286

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

Date of Government Version: 03/07/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/25/2008
Date of Next Scheduled Update: 05/26/2008

CA SAN JOSE HAZMAT: Hazardous Material Facilities

Source: City of San Jose Fire Department

Telephone: 408-277-4659

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/04/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

CA Fresno Co. CUPA: CUPA Resources List

Source: Dept. of Community Health

Telephone: 559-445-3271

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

Date of Government Version: 03/31/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/18/2008
Date of Next Scheduled Update: 07/14/2008

CA PLACER CO. MS: Master List of Facilities

Source: Placer County Health and Human Services

Telephone: 530-889-7312

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA SWEEPS UST: SWEEPS UST Listing

Source: State Water Resources Control Board

Telephone: Not reported

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/03/2005
Date of Next Scheduled Update: Not reported

CA CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

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

Date of Government Version: 12/31/2005
Database Release Frequency: Varies

Date of Last EDR Contact: 05/02/2008
Date of Next Scheduled Update: 05/19/2008

CA NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

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

Date of Government Version: 10/21/1993
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/14/2008
Date of Next Scheduled Update: 07/14/2008

CA LA Co. Site Mitigation: Site Mitigation List

Source: Community Health Services

Telephone: 323-890-7806

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

Date of Government Version: 02/14/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 05/12/2008
Date of Next Scheduled Update: 08/11/2008

CA Orange Co. Industrial Site: List of Industrial Site Cleanups

Source: Health Care Agency

Telephone: 714-834-3446

Petroleum and non-petroleum spills.

Date of Government Version: 03/03/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 06/02/2008

CA DEED: Deed Restriction Listing

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

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: 04/01/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/02/2008
Date of Next Scheduled Update: 06/30/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA DRYCLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-327-4498

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: 07/31/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 05/12/2008
Date of Next Scheduled Update: 08/11/2008

CA LOS ANGELES CO. HMS: HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/28/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/12/2008
Date of Next Scheduled Update: 08/11/2008

CA VENTURA CO. BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

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

Date of Government Version: 02/27/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/2008
Date of Next Scheduled Update: 06/09/2008

CA WIP: Well Investigation Program Case List

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726

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

Date of Government Version: 02/26/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 04/23/2008
Date of Next Scheduled Update: 07/21/2008

CA CDL: Clandestine Drug Labs

Source: Department of Toxic Substances Control
Telephone: 916-255-6504

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: 12/31/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 04/21/2008
Date of Next Scheduled Update: 07/21/2008

CA Sacramento Co. ML: ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

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

Date of Government Version: 02/11/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/02/2008
Date of Next Scheduled Update: 07/28/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA SAN DIEGO CO. HMMD: Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division

Telephone: 619-338-2268

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

Date of Government Version: 05/16/2005
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2008
Date of Next Scheduled Update: 06/30/2008

CA San Bern. Co. Permit: Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041

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

Date of Government Version: 03/18/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 12/03/2007

CA San Mateo Co. BI: Business Inventory

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

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

Date of Government Version: 01/31/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 04/07/2008
Date of Next Scheduled Update: 07/07/2008

CA RESPONSE: State Response Sites

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

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: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA HAZNET: Facility and Manifest Data

Source: California Environmental Protection Agency

Telephone: 916-255-1136

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

Date of Government Version: 12/31/2006
Database Release Frequency: Annually

Date of Last EDR Contact: 05/09/2008
Date of Next Scheduled Update: 08/04/2008

CA EMI: Emissions Inventory Data

Source: California Air Resources Board

Telephone: 916-322-2990

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

Date of Government Version: 12/31/2005
Database Release Frequency: Varies

Date of Last EDR Contact: 04/18/2008
Date of Next Scheduled Update: 07/14/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CA ENVIROSTOR: EnviroStor Database

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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: 02/26/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2008
Date of Next Scheduled Update: 05/26/2008

CA HAULERS: Registered Waste Tire Haulers Listing

Source: Integrated Waste Management Board
Telephone: 916-341-6422

A listing of registered waste tire haulers.

Date of Government Version: 04/28/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 04/28/2008
Date of Next Scheduled Update: 06/09/2008

CA SAN DIEGO CO. SAM: Environmental Case Listing

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 11/28/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 04/23/2008
Date of Next Scheduled Update: 06/30/2008

CA DAY CARE: Licensed Child Care Facilities

Source: Department of Social Services
Telephone: 916-657-4041

Date of Government Version: 01/15/2008
Database Release Frequency: N/A

Date of Last EDR Contact: 12/21/2007
Date of Next Scheduled Update: Not reported

POTENTIAL SUPERFUND LIABILITY

PRP: Potentially Responsible Parties

Source: EPA
Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/24/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/31/2008
Date of Next Scheduled Update: 06/30/2008

EDR Historical Topographic Map Report

**Chelsea Wetlands
Railroad Avenue
Hercules, CA 94547**

Inquiry Number: 2214910.4

May 08, 2008



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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.

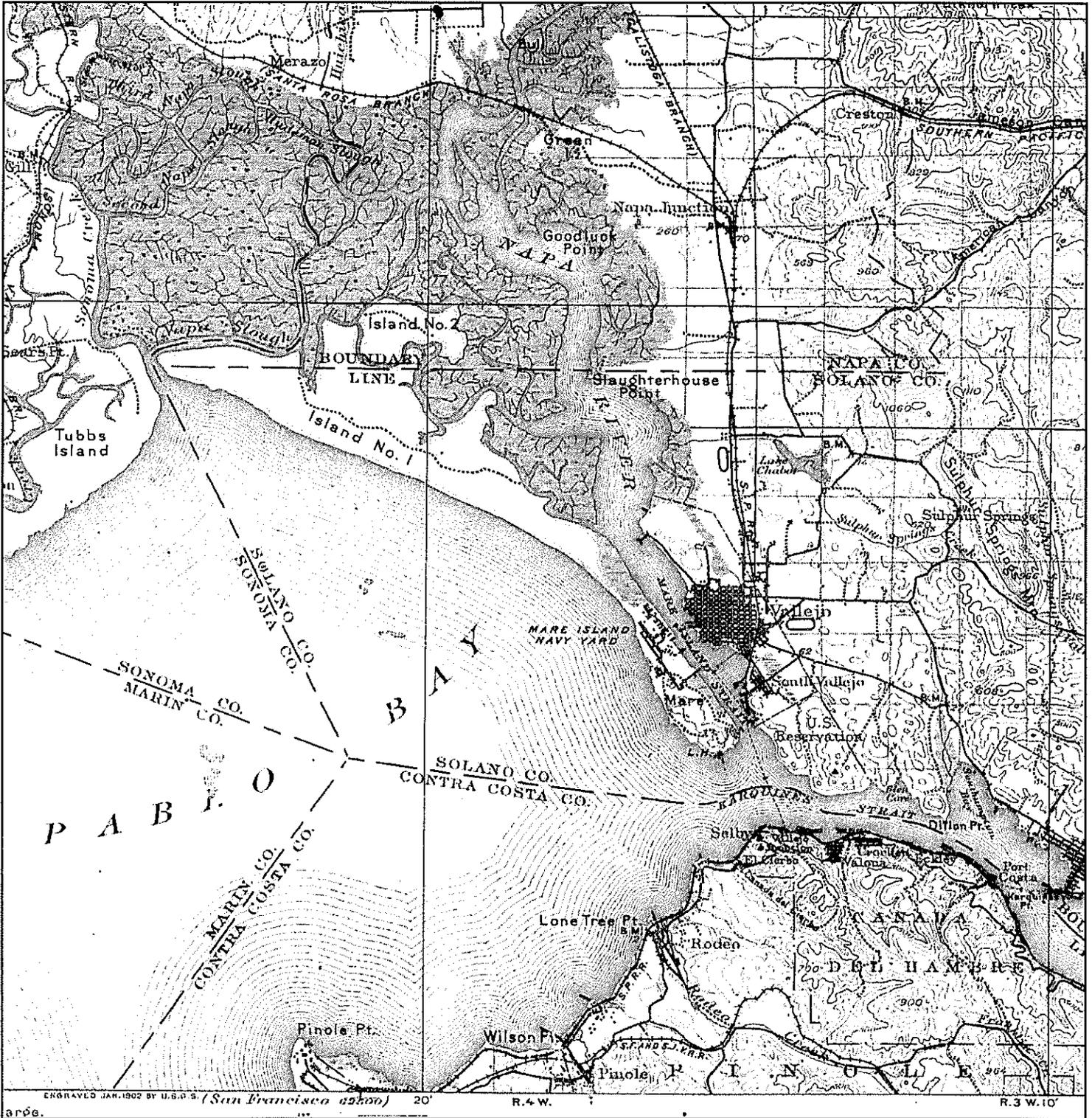
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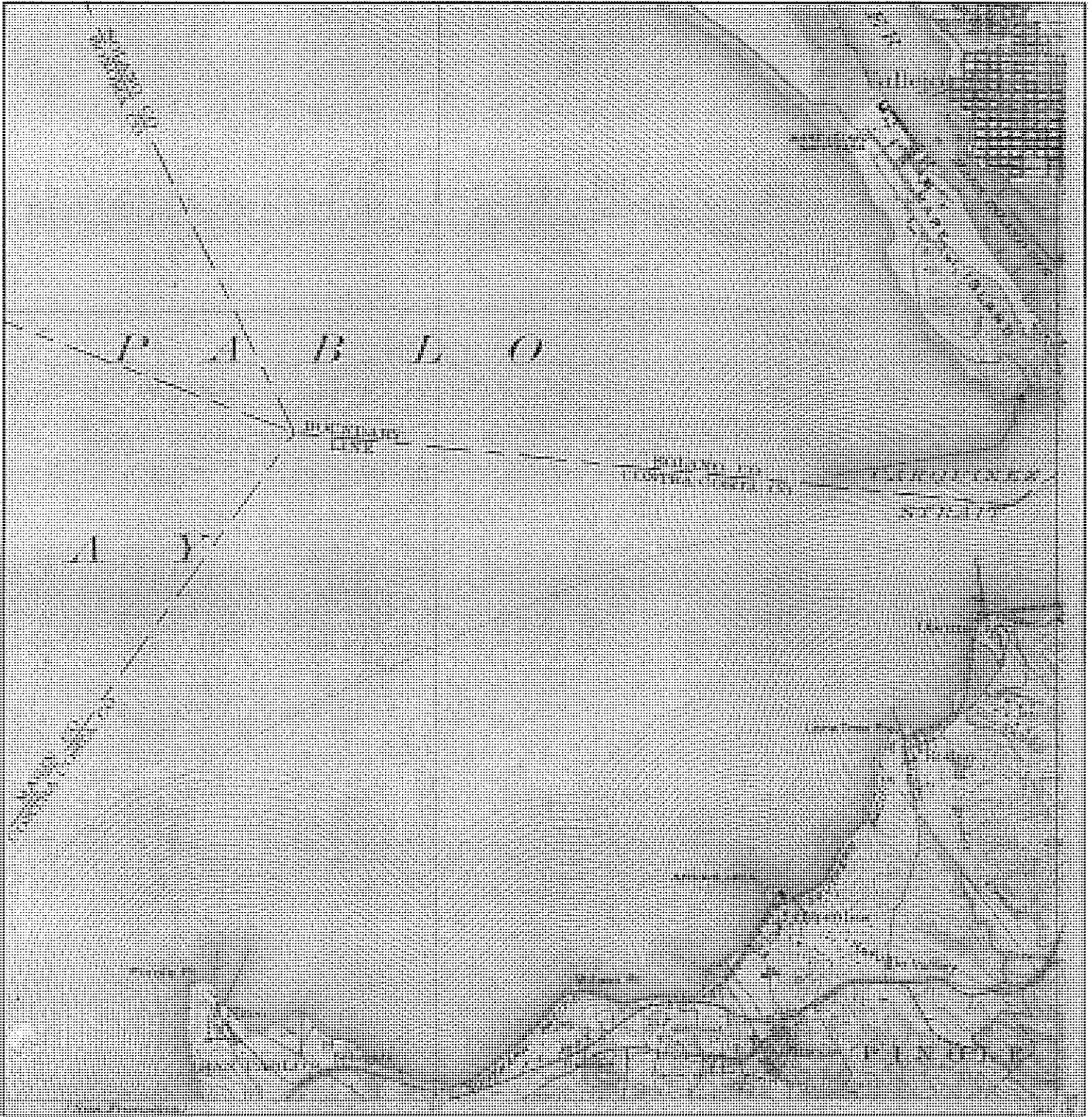
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Historical Topographic Map



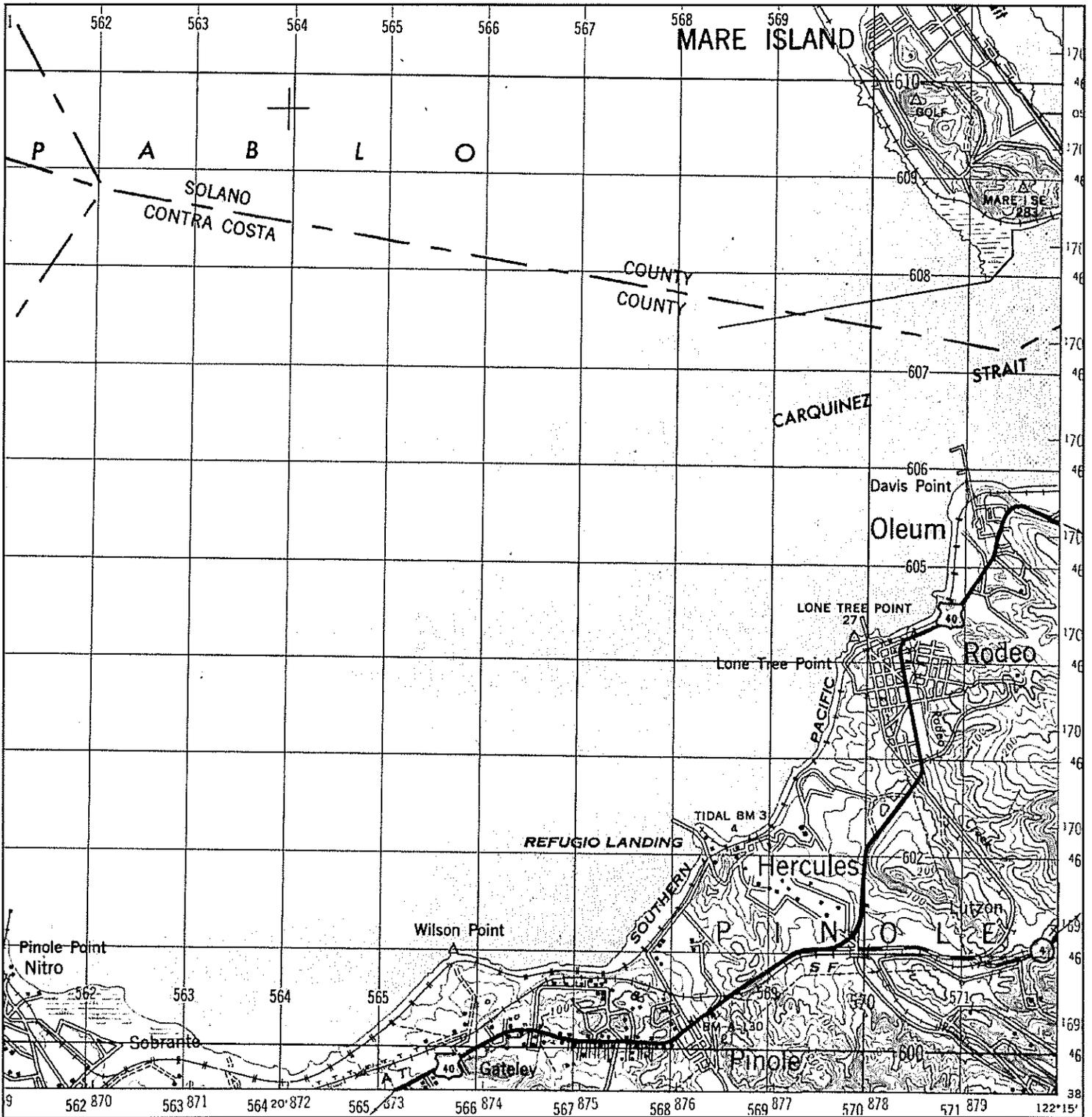
<p>N ↑</p>	TARGET QUAD	SITE NAME:	Chelsea Wetlands	CLIENT:	Engeo Inc.
	NAME: NAPA	ADDRESS:	Railroad Avenue	CONTACT:	Keith Nowell
	MAP YEAR: 1902	LAT/LONG:	38.0141 / 122.292	INQUIRY#:	2214910.4
SERIES: 30	SCALE: 1:125000			RESEARCH DATE: 05/08/2008	

Historical Topographic Map



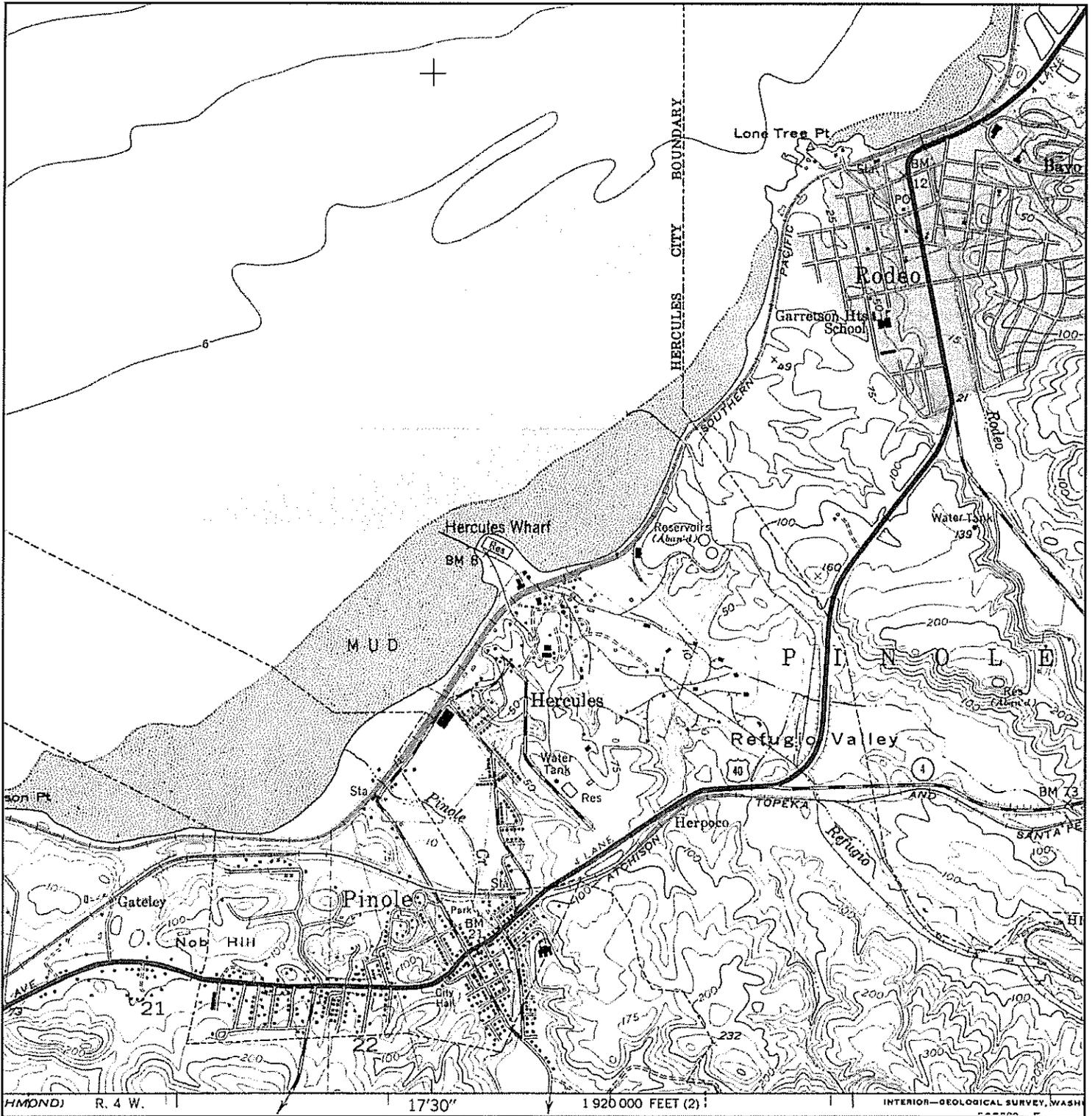
	TARGET QUAD	SITE NAME: Chelsea Wetlands	CLIENT: Engeo Inc.
	NAME: MARE ISLAND	ADDRESS: Railroad Avenue	CONTACT: Keith Nowell
	MAP YEAR: 1914	Hercules, CA 94547	INQUIRY#: 2214910.4
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	SCALE: 1:62500		

Historical Topographic Map



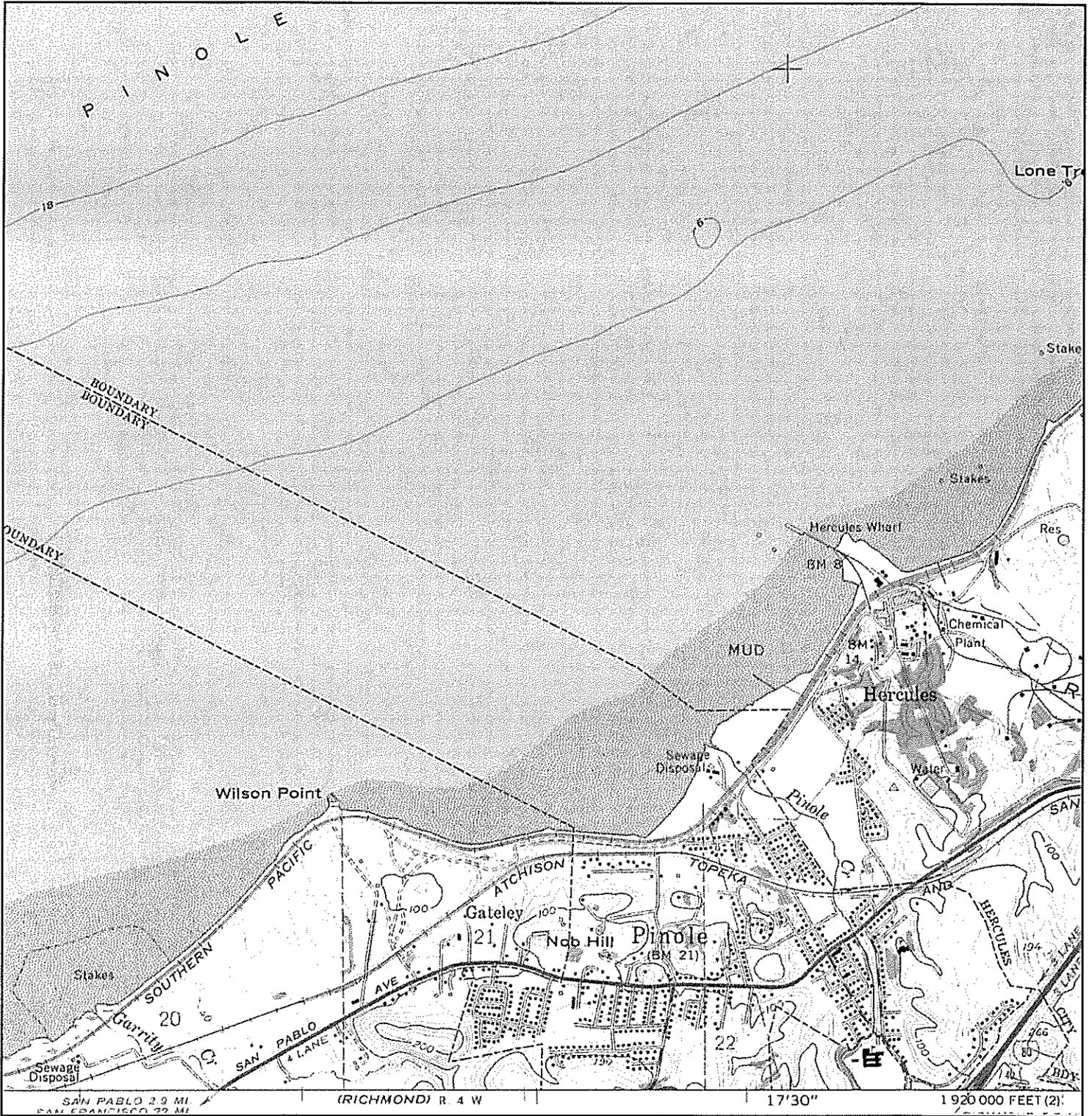
N 	TARGET QUAD NAME: MARE ISLAND MAP YEAR: 1947	SITE NAME: Chelsea Wetlands ADDRESS: Railroad Avenue Hercules, CA 94547 LAT/LONG: 38.0141 / 122.292	CLIENT: Engeo Inc. CONTACT: Keith Nowell INQUIRY#: 2214910.4 RESEARCH DATE: 05/08/2008
	SERIES: 15 SCALE: 1:50000		

Historical Topographic Map



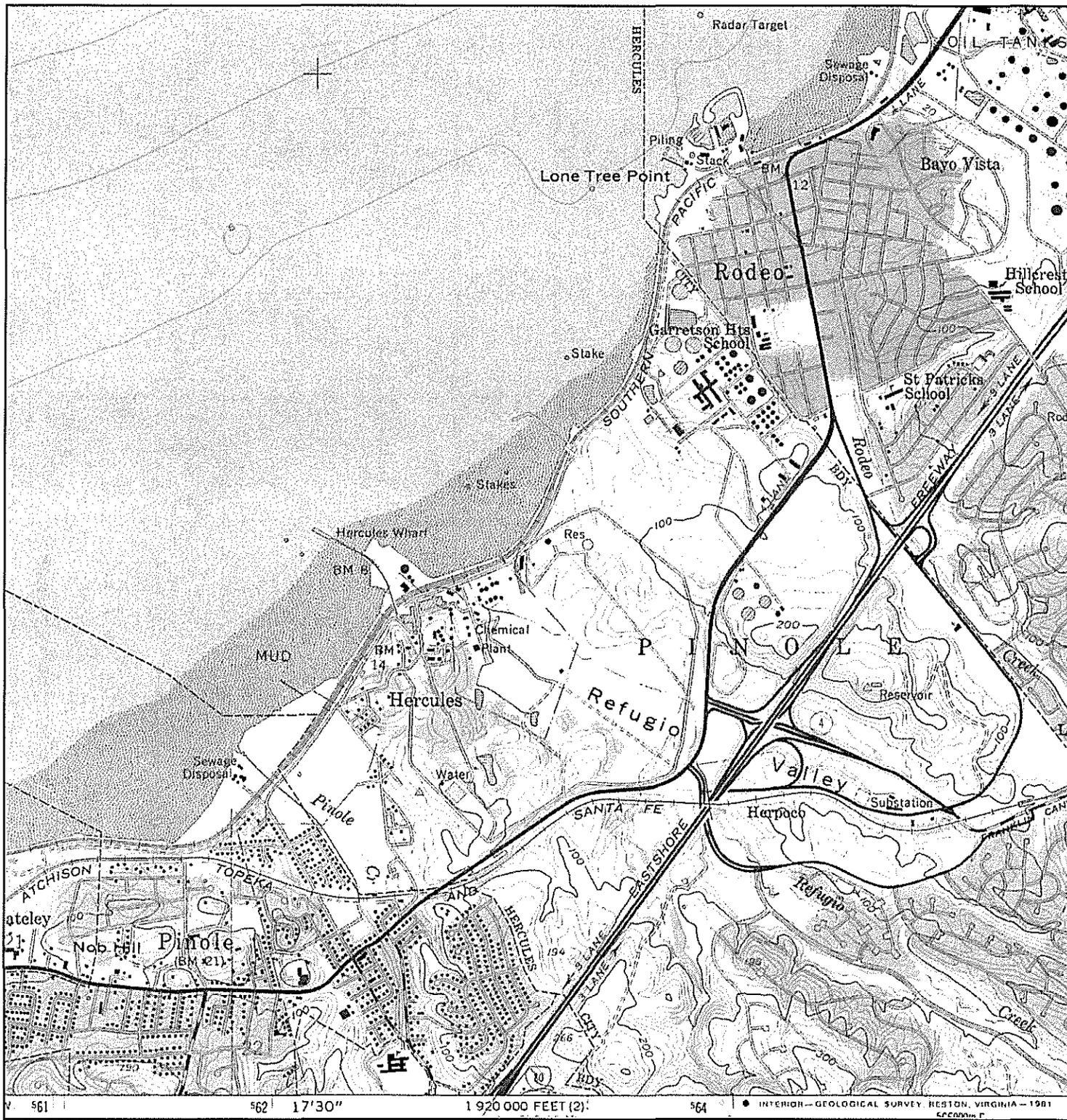
	TARGET QUAD NAME: MARE ISLAND MAP YEAR: 1949	SITE NAME: Chelsea Wetlands ADDRESS: Railroad Avenue Hercules, CA 94547	CLIENT: Engeo Inc. CONTACT: Keith Nowell INQUIRY#: 2214910.4
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 38.0141 / 122.292	RESEARCH DATE: 05/08/2008

Historical Topographic Map



N 	TARGET QUAD NAME: MARE ISLAND MAP YEAR: 1959	SITE NAME: Chelsea Wetlands ADDRESS: Railroad Avenue Hercules, CA 94547	CLIENT: Engeo Inc. CONTACT: Keith Nowell INQUIRY#: 2214910.4
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 38.0141 / 122.292	RESEARCH DATE: 05/08/2008

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Chelsea Wetlands	CLIENT:	Engeo Inc.
	NAME: MARE ISLAND	ADDRESS:	Railroad Avenue	CONTACT:	Keith Nowell
	MAP YEAR: 1980		Hercules, CA 94547	INQUIRY#:	2214910.4
	PHOTOREVISED FROM: 1959	LAT/LONG:	38.0141 / 122.292	RESEARCH DATE:	05/08/2008
	SERIES: 7.5				
	SCALE: 1:24000				

APPENDIX C

FIRST AMERICAN TITLE INSURANCE COMPANY

Policy of Title Insurance

SCHEDULE A

Premium: \$423.00

Amount of Insurance: \$50,000.00

Policy Number: 606466cc

Date of Policy: May 15, 2007 at 8:00 a.m.

1. Name of insured:

The City of Hercules, a Municipal Corporation

2. The estate or interest in the land which is covered by this policy is:

A fee.

3. Title to the estate or interest in the land is vested in:

The City of Hercules, a Municipal Corporation

4. The land referred to in this policy is described as follows:

Real property in the City of Hercules, County of Contra Costa, State of California, described as follows:

Parcel C, as shown on the Map of Subdivision 5336, filed August 26, 1985, in Book 292 of Maps, Page 40, Contra Costa County Records.

EXCEPTING THEREFROM:

"All oil, gas, casinghead gasoline and hydrocarbons and mineral substances below a point 500 feet below the surface of all that property as shown on Parcel Map No. 1012, recorded January 17, 1978 in Book 61 of Parcel Maps, Pages 50, 51 and 52, Contra Costa County Records, together with the right to take, remove, mine and dispose of all said oil, gas, casinghead gasoline and other hydrocarbons and minerals but without any right whatsoever to enter upon the surface of said land or upon any part of said land within 500 feet of the surface" as granted in the Deed to Taurus Building Company, a California corporation, recorded October 3, 1979, Book 9555, Page 582, Official Records.

APN: 404-020-049

SCHEDULE B
EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

PART ONE

SECTION ONE

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

SECTION TWO

1. General and special taxes for the fiscal year 2007-2008, a lien not yet due or payable.
2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.
- 2a. Assessment liens, if applicable, collected with the general and special taxes.
3. The land lies within the boundaries of pending assessment District No. No. 83-1/Hercules-Pinole Waste Water Treatment Plant , as disclosed by instrument recorded July 19, 1990 as Book 15994, Page 753 of Official Records.
4. The terms and provisions contained in the document entitled "Indenture Agreement" recorded June 4, 1877 as Book 32 of Deeds, Page 119 .
5. The terms and provisions contained in the document recorded June 4, 1877 as Book 32 of Deeds, Page 583 .

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to
 - (i) the occupancy, use, or enjoyment of the land;
 - (ii) the character, dimensions or location of any improvement now or hereafter erected on the land;
 - (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or
 - (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
 - (a) created, suffered, assumed or agreed to by the insured claimant;
 - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
 - (c) resulting in no loss or damage to the insured claimant;
 - (d) attaching or created subsequent to Date of Policy; or
 - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
4. Any claim, which arises out of the transaction vesting in the Insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
 - (i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
 - (ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
 - (a) to timely record the instrument of transfer; or
 - (b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

CONDITIONS AND STIPULATIONS

1. DEFINITION OF TERMS.

The following terms when used in this policy mean:

- (a) "insured": the insured named in Schedule A, and, subject to any rights or defenses the Company would have had against the named insured, those who succeed to the interest of the named insured by operation of law as distinguished from purchase including, but not limited to, heirs, distributees, devisees, survivors, personal representatives, next of kin, or corporate or fiduciary successors.
- (b) "insured claimant": an insured claiming loss or damage.
- (c) "knowledge" or "known": actual knowledge, not constructive knowledge or notice which may be imputed to an insured by reason of any public records as defined in this policy or any other records which impart constructive notice of matters affecting the land.
- (d) "land": the land described or referred to in Schedule (A), and improvements affixed thereto which by law constitute real property. The term "land" does not include any property beyond the lines of the area described or referred to in Schedule (A), nor any right, title, interest, estate or easement in abutting streets, roads, avenues, alleys, lanes, ways or waterways, but nothing herein shall modify or limit the extent to which a right of access to and from the land is insured by this policy.
- (e) "mortgage": mortgage, deed of trust, trust deed, or other security instrument.
- (f) "public records": records established under state statutes at Date of Policy for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without knowledge. With respect to Section 1(a)(iv) of the Exclusions from Coverage, "public records" shall also include environmental protection liens filed in the records of the clerk of the United States district court for the district in which the land is located.
- (g) "unmarketability of the title": an alleged or apparent matter affecting the title to the land, not excluded or excepted from coverage, which would entitle a purchaser of the estate or interest described in Schedule A to be released from the obligation to purchase by virtue of a contractual condition requiring the delivery of marketable title.

2. CONTINUATION OF INSURANCE AFTER CONVEYANCE OF TITLE.

The coverage of this policy shall continue in force as of Date of Policy in favor of an insured only so long as the insured retains an estate or interest in the land, or holds an indebtedness secured by a purchase money mortgage given by a purchaser from the insured, or only so long as the insured shall have liability by reason of covenants of warranty made by the insured in any transfer or conveyance of the estate or interest. This policy shall not continue in force in favor of any purchaser from the insured of either

- (i) an estate or interest in the land, or
- (ii) an indebtedness secured by a purchase money mortgage given to an insured.

3. NOTICE OF CLAIM TO BE GIVEN BY INSURED CLAIMANT.

The insured shall notify the Company promptly in writing

- (i) in case of any litigation as set forth in Section 4(a) below,
- (ii) in case knowledge shall come to an insured hereunder of any claim of title or interest which is adverse to the title to the estate or interest, as insured, and which might cause loss or damage for which the Company may be liable by virtue of this policy, or
- (iii) if title to the estate or interest, an insured, is rejected as unmarketable. If prompt notice shall not be given to the Company, then as to the insured all liability of the Company shall terminate with regard to the matter or matters for which prompt notice is required; provided, however, that failure to notify the Company shall in no case prejudice the rights of any insured under this policy unless the Company shall be prejudiced by the failure and then only to the extent of the prejudice.

4. DEFENSE AND PROSECUTION OF ACTIONS; DUTY OF INSURED CLAIMANT TO COOPERATE.

(a) Upon written request by the insured and subject to the options contained in Section 6 of these Conditions and Stipulations, the Company, at its own cost and without unreasonable delay, shall provide for the defense of an insured in litigation in which any third party asserts a claim adverse to the title or interest as insured but only as to those stated causes of action alleging a defect, lien or encumbrance or other matter insured against by this policy. The Company shall have the right to select counsel of its choice (subject to the right of the insured to object for reasonable cause) to represent the insured as to those stated causes of action and shall not be liable for and will not pay the fees of any other counsel. The Company will not pay any fees, costs or expenses incurred by an insured in the defense of those causes of action which allege matters not insured against by this policy.

(b) The Company shall have the right, at its own cost, to institute and prosecute any action or proceeding or to do any other act which in its opinion may be necessary or desirable to establish the title to the estate or interest, as insured, or to prevent or reduce loss or damage to an insured. The Company may take any appropriate action under the terms of this policy, whether or not it shall be liable hereunder, and shall not thereby concede liability or waive any provision of this policy. If the Company shall exercise its rights under this paragraph, it shall do so diligently.

(b) Whenever the Company shall have brought an action or interposed a defense as required or permitted by the provisions of this policy, the Company may pursue any litigation to final determination by a court of competent jurisdiction and expressly reserves the right, in its sole discretion, to appeal from any adverse judgment or order.

(c) In all cases where this policy permits or requires the Company to prosecute or provide for the defense of any action or proceeding, the insured shall secure to the Company the right to so prosecute or provide defense in the action or proceeding, and all appeals therein, and permit the Company to use, at its option, the name of the insured for this purpose. Whenever requested by the Company, the insured, at the Company's expense, shall give the Company all reasonable aid (i) in any action or proceeding, securing evidence, obtaining witnesses, prosecuting or defending the action or proceeding, or effecting settlement, and (ii) in any other lawful act which in the opinion of the Company may be necessary or desirable to establish the title to the estate or interest as insured. If the Company is prejudiced by the failure of the insured to furnish the required cooperation, the Company's obligations to the insured under the policy shall terminate, including any liability or obligation to defend, prosecute, or continue any litigation, with regard to the matter or matters requiring such cooperation.

S. PROOF OF LOSS OR DAMAGE.

In addition to and after the notices required under Section 3 of these Conditions and Stipulations have been provided the Company, a proof of loss or damage signed and sworn to by the insured claimant shall be furnished to the Company within 90 days after the insured claimant shall ascertain the facts giving rise to the loss or damage. The proof of loss or damage shall describe the defect in, or lien or encumbrance on the title, or other matter insured against by this policy which constitutes the basis of loss or damage and shall state, to the extent possible, the basis of calculating the amount of the loss or damage. If the Company is prejudiced by the failure of the insured claimant to provide the required proof of loss or damage, the Company's obligations to the insured under the policy shall terminate, including any liability or obligation to defend, prosecute, or continue any litigation, with regard to the matter or matters requiring such proof of loss or damage.

In addition, the insured claimant may reasonably be required to submit to examination under oath by any authorized representative of the Company and shall produce for examination, inspection and copying, at such reasonable times and places as may be designated by any authorized representative of the Company, all records, books, ledgers, checks, correspondence and memoranda, whether bearing a date before or after Date of Policy, which reasonably pertain to the loss or damage. Further, if requested by any authorized representative of the Company, the insured claimant shall grant its permission, in writing, for any authorized representative of the Company to examine, inspect and copy all records, books, ledgers, checks, correspondence and memoranda in the custody or control of a third party, which reasonably pertain to the loss or damage. All information designated as confidential by the insured claimant provided to the Company pursuant to this Section shall not be disclosed to others unless, in the reasonable judgment of the Company, it is necessary in the administration of the claim. Failure of the insured claimant to submit for examination under oath, produce other reasonably requested information or grant permission to secure reasonably necessary information from third parties as required in this paragraph shall terminate any liability of the Company under this policy as to that claim.

6. OPTIONS TO PAY OR OTHERWISE SETTLE CLAIMS; TERMINATION OF LIABILITY.

In case of a claim under this policy, the Company shall have the following additional options:

(a) To Pay or Tender Payment of the Amount of Insurance.

To pay or tender payment of the amount of Insurance under this policy together with any costs, attorneys' fees and expenses incurred by the insured claimant, which were authorized by the Company, up to the time of payment or tender of payment and which the Company is obligated to pay.

Upon the exercise by the Company of this option, all liability and obligations to insured under this policy, other than to make the payment required, shall terminate, including any liability or obligation to defend, prosecute, or continue any litigation, and the policy shall be surrendered to the Company for cancellation.

(b) To Pay or Otherwise Settle With Parties Other than the Insured or With the Insured Claimant.

(i) to pay or otherwise settle with other parties for or in the name of an insured claimant any claim insured against under this policy, together with any costs, attorneys' fees and expenses incurred by the insured claimant which were authorized by the Company up to the time of payment and which the Company is obligated to pay; or

(ii) to pay or otherwise settle with the insured claimant the loss or damage provided for under this policy, together with any costs, attorneys' fees and expenses incurred by the insured claimant which were authorized by the Company up to the time of payment and which the Company is obligated to pay.

Upon the exercise by the Company of either of the options provided for in paragraphs (b) (i) or (ii), the Company's obligations to the insured under this policy for the claimed loss or damage, other than the payments required to be made, shall terminate, including any liability or obligation to defend, prosecute or continue any litigation.

7. DETERMINATION, EXTENT OF LIABILITY AND COINSURANCE.

This policy is a contract of indemnity against actual monetary loss or damage sustained or incurred by the insured claimant who has suffered loss or damage by reason of matters insured against by this policy and only to the extent herein described.

- (a) The liability of the Company under this policy shall not exceed the least of:
- (i) the Amount of Insurance stated in Schedule A; or,
 - (ii) the difference between the value of the insured estate or interest as insured and the value of the insured estate or interest subject to the defect, lien or encumbrance insured against by this policy.
- (b) In the event the Amount of Insurance stated in Schedule A at the Date of Policy is less than 80 percent of the value of the insured estate or interest or the full consideration paid for the land, whichever is less, or if subsequent to the Date of Policy an improvement is erected on the land which increases the value of the insured estate or interest by at least 20 percent over the Amount of Insurance stated in Schedule A, then this Policy is subject to the following:
- (i) where no subsequent improvement has been made, as to any partial loss, the Company shall only pay the loss pro rata in the proportion that the amount of Insurance at Date of Policy bears to the total value of the insured estate or interest at Date of Policy; or (ii) where a subsequent improvement has been made, as to any partial loss, the Company shall only pay the loss pro rata in the proportion that 120 percent of the Amount of Insurance stated in Schedule A bears to the sum of the Amount of Insurance stated in Schedule A and the amount expended for the improvement. The provisions of this paragraph shall not apply to costs, attorneys' fees and expenses for which the Company is liable under this policy, and shall only apply to that portion of any loss which exceeds, in the aggregate, 10 percent of the Amount of Insurance stated in Schedule A.
- (c) The Company will pay only those costs, attorneys' fees and expenses incurred in accordance with Section 4 of these Conditions and Stipulations.

8. APPORTIONMENT.

If the land described in Schedule (A)(C) consists of two or more parcels which are not used as a single site, and a loss is established affecting one or more of the parcels but not all, the loss shall be computed and settled on a pro rata basis as if the amount of insurance under this policy was divided pro rata as to the value on Date of Policy of each separate parcel to the whole, exclusive of any Improvements made subsequent to Date of Policy, unless a liability or value has otherwise been agreed upon as to each parcel by the Company and the insured at the time of the issuance of this policy and shown by an express statement or by an endorsement attached to this policy.

9. LIMITATION OF LIABILITY.

(a) If the Company establishes the title, or removes the alleged defect, lien or encumbrance, or cures the lack of a right of access to or from the land, or cures the claim of unmarketability of title, all as Insured, in a reasonably diligent manner by any method, including litigation and the completion of any appeals therefrom, it shall have fully performed its obligations with respect to that matter and shall not be liable for any loss or damage caused thereby.

(b) In the event of any litigation, including litigation by the Company or with the Company's consent, the Company shall have no liability for loss or damage until there has been a final determination by a court of competent jurisdiction, and disposition of all appeals therefrom, adverse to the title as insured.

(c) The Company shall not be liable for loss or damage to any Insured for liability voluntarily assumed by the Insured in settling any claim or suit without the prior written consent of the Company.

10. REDUCTION OF INSURANCE; REDUCTION OR TERMINATION OF LIABILITY.

All payments under this policy, except payments made for costs, attorneys' fees and expenses, shall reduce the amount of the insurance pro tanto.

11. LIABILITY NONCUMULATIVE.

It is expressly understood that the amount of insurance under this policy shall be reduced by any amount the Company may pay under any policy insuring a mortgage to which exception is taken in Schedule B or to which the insured has agreed, assumed, or taken subject, or which is hereafter executed by an insured and which is a charge or lien on the estate or interest described or referred to in Schedule A, and the amount so paid shall be deemed a payment under this policy to the insured owner.

12. PAYMENT OF LOSS.

(a) No payment shall be made without producing this policy for endorsement of the payment unless the policy has been lost or destroyed, in which case proof of loss or destruction shall be furnished to the satisfaction of the Company.

(b) When liability and the extent of loss or damage has been definitely fixed in accordance with these Conditions and Stipulations, the loss or damage shall be payable within 30 days thereafter.

13. SUBROGATION UPON PAYMENT OR SETTLEMENT.

(a) The Company's Right of Subrogation.

Whenever the Company shall have settled and paid a claim under this policy, all right of subrogation shall vest in the Company unaffected by any act of the insured claimant.

The Company shall be subrogated to and be entitled to all rights and remedies which the insured claimant would have had against any person or property in respect to the claim had this policy not been issued. If requested by the Company, the insured claimant shall transfer to the Company all rights and remedies against any person or property necessary in order to perfect this right of subrogation. The insured claimant shall permit the Company to sue, compromise or settle in the name of the insured claimant and to use the name of the insured claimant in any transaction or litigation involving these rights or remedies.

If a payment on account of a claim does not fully cover the loss of the Insured claimant, the Company shall be subrogated to these rights and remedies in the proportion which the Company's payment bears to the whole amount of the loss.

If loss should result from any act of the insured claimant, as stated above, that act shall not void this policy, but the Company, in that event, shall be required to pay only that part of any losses insured against by this policy which shall exceed the amount, if any, lost to the Company by reason of the impairment by the insured claimant of the Company's right of subrogation.

(b) The Company's Rights Against Non-insured Obligors.

The Company's right of subrogation against non-insured obligors shall exist and shall include, without limitation, the rights of the Insured to indemnities, guaranties, other policies of Insurance or bonds, notwithstanding any terms or conditions contained in those instruments which provide for subrogation rights by reason of this policy.

14. ARBITRATION.

Unless prohibited by applicable law, either the Company or the insured may demand arbitration pursuant to the Title Insurance Arbitration Rules of the American Arbitration Association. Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the insured arising out of or relating to this policy, any service of the Company in connection with its issuance or the breach of a policy provision or other obligation. All arbitrable matters when the Amount of Insurance is \$1,000,000 or less shall be arbitrated at the option of either the Company or the insured. All arbitrable matters when the Amount of Insurance is in excess of \$1,000,000 shall be arbitrated only when agreed to by both the Company and the insured. Arbitration pursuant to this policy and under the Rules in effect on the date the demand for arbitration is made or, at the option of the insured, the Rules in effect at Date of Policy shall be binding upon the parties. The award may include attorneys' fees only if the laws of the state in which the land is located permit a court to award attorneys' fees to a prevailing party. Judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

The law of the situs of the land shall apply to an arbitration under the Title Insurance Arbitration Rules.

A copy of the Rules may be obtained from the Company upon request.

15. LIABILITY LIMITED TO THIS POLICY; POLICY ENTIRE CONTRACT.

(a) This policy together with all endorsements, if any, attached hereto by the Company is the entire policy and contract between the insured and the Company. In interpreting any provision of this policy, this policy shall be construed as a whole.

(b) Any claim of loss or damage, whether or not based on negligence, and which arises out of the status of the title to the estate or interest covered hereby or by any action asserting such claim, shall be restricted to this policy.

(c) No amendment of or endorsement to this policy can be made except by a writing endorsed hereon or attached hereto signed by either the President, a Vice President, the Secretary, an Assistant Secretary, or validating officer or authorized signatory of the Company.

16. SEVERABILITY.

In the event any provision of the policy is held invalid or unenforceable under applicable law, the policy shall be deemed not to include that provision and all other provisions shall remain in full force and effect.

17. NOTICES, WHERE SENT.

All notices required to be given the Company and any statement in writing required to be furnished the Company shall include the number of this policy and shall be addressed to the Company at 1 First American Way, Santa Ana, California 92707, or to the office which issued this policy.

Description: Contra Costa, CA Tract Map 292.40 Selected Pages 1-3 Page 1
Order: CC Sub Comment:

SUBDIVISION 5336

CITY OF HERCULES

"BAYSIDE VILLAGE PHASE 4"

BEING THE REMAINDER OF PARCEL ONE AS SHOWN ON PARCEL MAP 478-82 RECORDED IN BOOK 103 OF PARCEL MAPS AT PAGES 5 & 6 IN THE COUNTY OF CONTRA COSTA, CALIFORNIA

DATE: JANUARY 1984

TETRAD ENGINEERING, INC.
WALNUT CREEK, CALIFORNIA

ENGINEER'S CERTIFICATE:
THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED ON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF CITATION HOMES IN JANUARY 1984. I HEREBY STATE THAT THIS SUBDIVISION MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP, IF ANY. THE MONUMENTS OF THE CHARACTER SHOWN ON THE SUBDIVISION MAP WILL BE SET IN SUCH POSITIONS ON OR BEFORE JANUARY 1986, AND WILL BE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THE SUBDIVISION CONTAINS 25.00 ACRES MORE OR LESS, ALL IN THE CITY OF HERCULES. ALL BENCHMARKS OF THIS MAP ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE III.



William Webb
WILLIAM WEBB, RCE 22259

CITY ENGINEER'S CERTIFICATE:
I, PETER J. BEKEY, CITY ENGINEER OF THE CITY OF HERCULES, HEREBY CERTIFY THAT I HAVE EXAMINED THIS MAP ENTITLED "SUBDIVISION 5336", THAT SAID SUBDIVISION AS SHOWN IS SUBSTANTIALLY THE SAME AS IT APPEARED ON THE TENTATIVE MAP, AND ANY APPROVED ALTERATIONS THEREOF, AS APPROVED BY THE CITY OF HERCULES CITY COUNCIL ON July 11, 1985. THAT ALL THE PROVISIONS OF STATE LAWS AND LOCAL ORDINANCES GOVERNING THE FILING OF SUBDIVISION MAPS HAVE BEEN COMPLIED WITH AND I AM SATISFIED THAT THE SAME IS TECHNICALLY CORRECT.

DATE: July 11, 1985

Peter J. Bekey
PETER J. BEKEY
CITY ENGINEER, CITY OF HERCULES

COUNTY CLERK'S CERTIFICATE: Check of the Board of Supervisors I CERTIFY, AS CHECK BELOW THAT:
 A TAX BOND ASSURING THE PAYMENT OF ALL TAXES WHICH ARE NOW A LIEN BUT NOT YET PAYABLE, HAS BEEN RECEIVED AND FILED WITH THE BOARD OF SUPERVISORS OF CONTRA COSTA COUNTY, STATE OF CALIFORNIA.
 ALL TAXES DUE HAVE BEEN PAID AS CERTIFIED BY THE COUNTY REDEMPTION OFFICER.

DATE: August 23, 1985

PHIL BATCHELOR, CLERK OF THE BOARD OF SUPERVISORS AND COUNTY ADMINISTRATOR
COUNTY OF CONTRA COSTA
STATE OF CALIFORNIA



BY: Phil Batchelor
DEPUTY CLERK

CITY PLANNING DIRECTOR'S CERTIFICATE:
I HEREBY CERTIFY THE CITY COUNCIL OF THE CITY OF HERCULES, COUNTY OF CONTRA COSTA, STATE OF CALIFORNIA HAS APPROVED THE TENTATIVE MAP OF THIS SUBDIVISION UPON WHICH THIS FINAL MAP IS BASED

DATE: August 1, 1985

[Signature]
DIRECTOR OF PLANNING
CITY OF HERCULES

CITY CLERK'S CERTIFICATE:
I, THE UNDERSIGNED, ELLEN M. ZAPATA, CITY CLERK AND EX-OFFICIO CLERK OF THE CITY COUNCIL OF THE CITY OF HERCULES, COUNTY OF CONTRA COSTA, STATE OF CALIFORNIA, DO HEREBY CERTIFY THAT THIS MAP CONSISTING OF 11 SHEETS, AND ENTITLED "SUBDIVISION 5336" WAS PRESENTED TO SAID COUNCIL, AS PROVIDED BY LAW, AT A REGULAR MEETING HELD ON THE 23RD DAY OF January, 1985, AND THAT BY RESOLUTION NO. 85-9 SAID COUNCIL DID THEREUPON APPROVE SAID MAP AND DID ACCEPT ON BEHALF OF THE PUBLIC, STREETS, LOTS AND EASEMENTS SHOWN THEREUPON AS DEDICATED TO PUBLIC USE, SUBJECT TO COMPLETION OF ALL IMPROVEMENTS IN ACCORDANCE WITH APPROVED PLANS AND PURSUANT TO THE SUBDIVISION AGREEMENT BETWEEN CITATION HOMES AND THE CITY OF HERCULES FOR SUBDIVISION 5336 AND ACCEPTANCE OF SUCH IMPROVEMENTS BY THE CITY OF HERCULES.

I FURTHER CERTIFY THAT ALL BONDS, AS REQUIRED BY LAW TO ACCOMPANY THE WITHIN FINAL MAP HAVE BEEN APPROVED BY THE CITY COUNCIL OF THE CITY OF HERCULES AND ARE FILED IN MY OFFICE.

IN WITNESS WHEREOF, I HAVE HERETO SET MY HAND THIS 1ST DAY OF August 1985.

Ellen M. Zapata
CITY CLERK & EX-OFFICIO CLERK OF THE CITY COUNCIL OF THE CITY OF HERCULES
COUNTY OF CONTRA COSTA
STATE OF CALIFORNIA

COUNTY RECORDER'S CERTIFICATE: #85-11447
THE MAP ENTITLED "SUBDIVISION 5336" IS HEREBY ACCEPTED FOR RECORDATION SHOWING A CLEAR TITLE AS PER LETTER OF TITLE MADE BY FIRST AMERICAN TITLE GUARANTY COMPANY DATED THE 26TH DAY OF August, 1985, AND AFTER EXAMINING THE SAME I DEEM THAT SAID MAP COMPLIES IN ALL RESPECTS WITH THE PROVISIONS OF STATE LAW AND LOCAL ORDINANCES GOVERNING THE FILING OF SUBDIVISION MAPS.

FILED AT THE REQUEST OF FIRST AMERICAN TITLE GUARANTY COMPANY AT 9 A.M. ON THE 26TH DAY OF August, 1985, IN BOOK 103 OF MAPS AT PAGE 40, IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF CONTRA COSTA, STATE OF CALIFORNIA.

J.R. OLSSON - COUNTY RECORDER IN AND FOR THE COUNTY OF CONTRA COSTA
STATE OF CALIFORNIA

BY: J. Bogerman
DEPUTY COUNTY RECORDER

SOILS REPORT:
A SOILS REPORT HAS BEEN PREPARED BY TERRARESEARCH, INC. FOR THIS SUBDIVISION 5336 DATED NOVEMBER 14, 1977, PROJECT # 1866-E.

OWNER'S CERTIFICATE:
WE, THE UNDERSIGNED, HEREBY CERTIFY THAT WE ARE THE OWNERS OF AND HOLDERS OF SECURITY INTEREST OR HAVE SOME RIGHT, TITLE OR INTEREST IN AND TO THE REAL PROPERTY INCLUDED AND EMBODIED WITHIN THE HEAVY BLACK LINES UPON THIS MAP, AND DO HEREBY CONSENT TO THE MAKING AND RECORDATION OF THE SAME; AND WE HEREBY DEDICATE TO THE PUBLIC THOSE PORTIONS OF SAID LANDS DESIGNATED ON SAID MAP AS HERCULES AVENUE AND PARCEL "C".

THE AREAS MARKED "STORM DRAIN EASEMENT" (S.D.E.) AND "SANITARY SEWER EASEMENT" (S.S.E.) ARE DEDICATED TO THE CITY OR ITS DESIGNEE AND TO THE PUBLIC FOR PUBLIC USE FOR STORM, FLOOD AND SURFACE WATER DRAINAGE AND SANITARY SEWER INCLUDING CONSTRUCTION, ACCESS OR MAINTENANCE OF WORKS, IMPROVEMENTS AND STRUCTURES AND CLEARING OF OBSTRUCTIONS AND VEGETATION.

THE AREAS MARKED "PUBLIC UTILITY EASEMENT" (P.U.E.) IS DEDICATED TO THE PUBLIC FOR PUBLIC USE FOR PUBLIC UTILITIES UNDER, ON OR OVER THESE CERTAIN DESIGNATED STRIPS OF LANDS, INCLUDING CONSTRUCTION, ACCESS OR MAINTENANCE OF WORKS, IMPROVEMENTS AND STRUCTURES AND CLEARING OF OBSTRUCTIONS AND VEGETATION.

THE AREA MARKED "EBUILD" IS DEDICATED TO EAST BAY MUNICIPAL UTILITY DISTRICT AS AN EASEMENT FOR THE CONSTRUCTION, MAINTENANCE, USE, AND OPERATION OF WATER TRANSMISSION PIPELINES, AND ALL NECESSARY APPURTENANCES THEREON; TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS FROM SAID EASEMENT.

OTHER THAN THE RIGHT FOR PUBLIC USE FOR "PUBLIC UTILITY EASEMENT" (P.U.E.) PURPOSES, AS HEREIN ABOVE PROVIDED, AREAS DESIGNATED AS BROOKER, CARDONA, O'NEILL, YARIZ, WEISS AND PARCELS "A", "B", "D", "E", "F", "G", "H", "I", "J", "K", "L", "M", "N", "P", "Q" AND "R" ARE COMMON AREAS AND ARE NOT HEREBY DEDICATED FOR USE BY THE GENERAL PUBLIC, BUT ARE FOR THE USE OF THE MEMBERSHIP OF BAYSIDE VILLAGE, ALL IN ACCORDANCE WITH THE COVENANTS, CONDITIONS AND RESTRICTIONS GOVERNING SUBDIVISION 5336 AND FILED SUBSEQUENT TO THE FILING OF THIS MAP.

NOTE: TAURUS BUILDING COMPANY, A CALIFORNIA CORPORATION BY-DEED RECORDED OCTOBER 3, 1975 IN BOOK 8555, PAGE 583, OF OFFICIAL RECORDS OF CONTRA COSTA COUNTY, POSSESSES INTEREST IN VARIOUS RIGHTS BELOW A DEPTH OF 500 FEET WITH NO RIGHTS OF SURFACE ENTRY AFFECTING THESE LANDS IN ACCORDANCE WITH SECTION 64936-C (3) OF THE SUBDIVISION MAP ACT. THE SIGNATURES OF THESE PARTIES ARE NOT REQUIRED.

OWNER:
CITATION HOMES, A GENERAL PARTNERSHIP
BY: CITATION BUILDERS, PARTNER

Denaris M. Cheney
DENARIS M. CHENEY, GENERAL MANAGER/NORTHERN DIVISION
NORTHERN DIVISION
DENARIS M. CHENEY, GENERAL MANAGER/NORTHERN DIVISION
NORTHERN DIVISION
DENARIS M. CHENEY, GENERAL MANAGER/NORTHERN DIVISION
NORTHERN DIVISION

ACKNOWLEDGEMENT:
STATE OF CALIFORNIA } S.S.
COUNTY OF ALAMEDA } S.S.
DATE: August 23, 1985
BY: [Signatures]

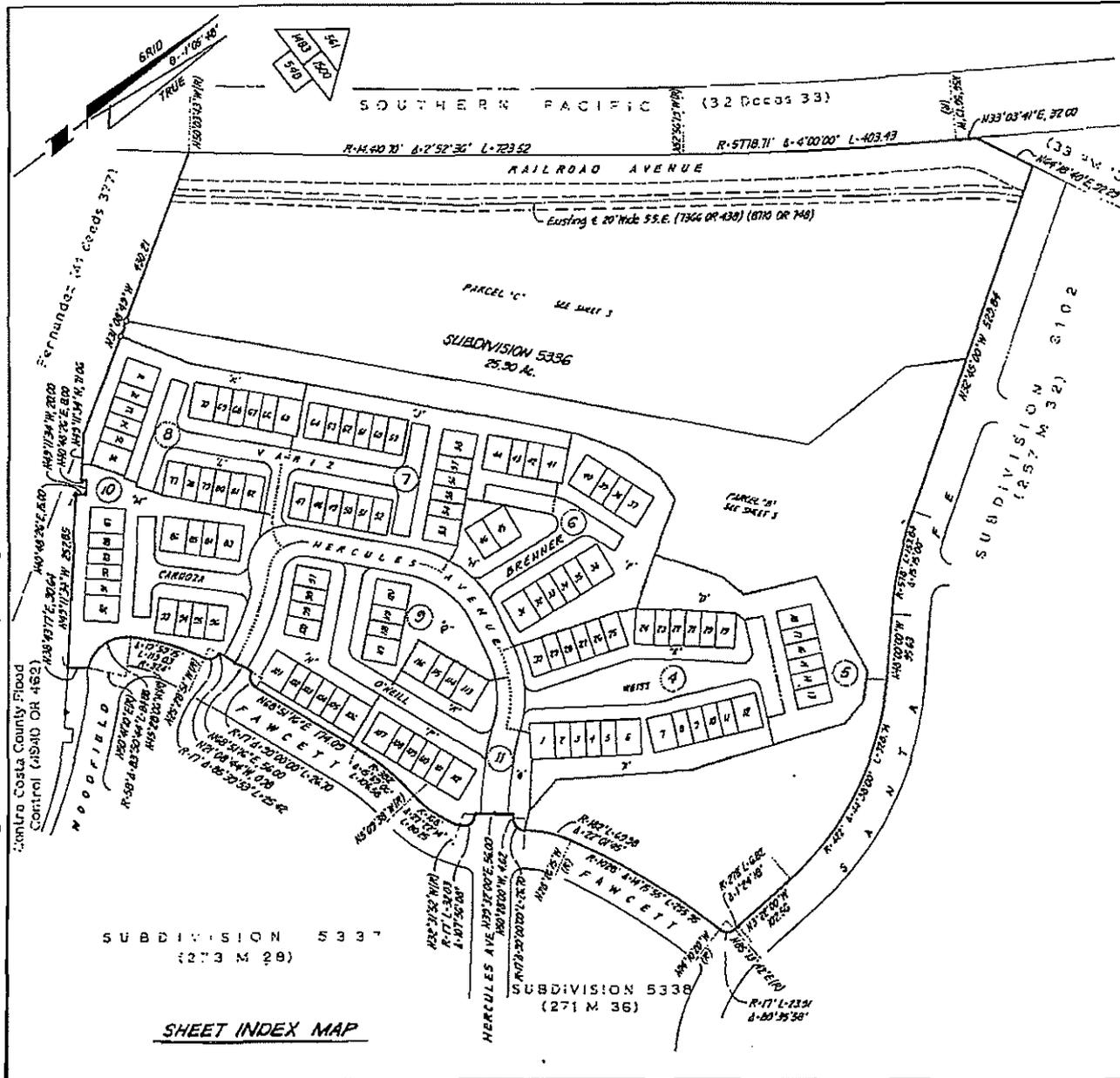
ON THIS 23RD DAY OF August IN THE YEAR 1985, BEFORE ME, THE UNDERSIGNED A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE PERSONALLY APPEARED DENARIS M. CHENEY KNOWN TO ME TO BE THE GENERAL MANAGER/NORTHERN DIVISION OF THE PARTNER THAT EXECUTED THE WITHIN INSTRUMENT FOR THE GENERAL PARTNERSHIP AND ACKNOWLEDGED TO ME THAT SUCH PARTNERSHIP EXECUTED THE SAME AS SUCH PARTNER AND THAT SUCH PARTNERSHIP EXECUTED THE SAME. IN WITNESS WHEREOF, I HAVE SET MY HAND AND OFFICIAL SEAL THE DAY AND YEAR IN THIS CERTIFICATE FIRST ABOVE WRITTEN.

Max 4 1986
NOT COMMISSION EXPIRES
Scott O. Woodman
NOTARY PUBLIC IN AND FOR THE COUNTY OF ALAMEDA
STATE OF CALIFORNIA



07 M 40
292 M 40
292 M 40

8-26-85 9 A.M. 292-40



SUBDIVISION 5336

CITY OF HERCULES

"BAYSIDE VILLAGE PHASE 4"

BEING THE REMAINDER OF PARCEL ONE AS SHOWN ON PARCEL MAP 478-82 RECORDED IN BOOK 103 OF PARCEL MAPS AT PAGES 5 & 6 IN THE COUNTY OF CONTRA COSTA, CALIFORNIA

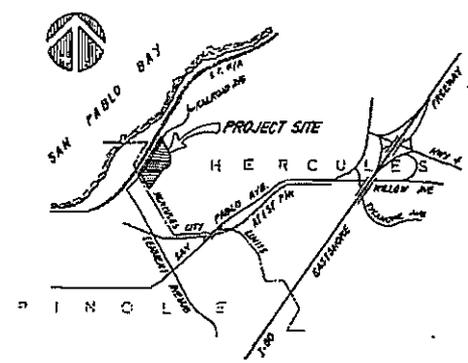
SCALE: 1" = 100' DATE: JANUARY 1984

TETRAD ENGINEERING, INC.
WALNUT CREEK, CALIFORNIA

BASIS OF BEARINGS:
THE BEARING OF THE LINE BETWEEN THE FOUND STANDARD CITY OF HERCULES STREET MONUMENT AND FOUND RAILROAD SPIKE ON FAWCETT AS SHOWN IN SHEET 3 OF THE MAP ENTITLED "SUBDIVISION 5337", FILED IN BOOK 273 OF MAPS AT PAGE 28, AS "N82°51'16"E, 229.09" IS THE BASIS OF BEARINGS SHOWN HEREON.

NOTE:
BEARINGS AND DISTANCES SHOWN HEREON CONFORM WITH CALIFORNIA COORDINATE SYSTEM, ZONE II. MULTIPLY DISTANCES SHOWN BY 1.000029 TO OBTAIN GROUND DISTANCES.

- LEGEND:**
- ⊙ FOUND CONTRA COSTA COUNTY FLOOD CONTROL BRASS DISC
 - ▲ FOUND RAILROAD SPIKE
 - SET 1" IRON PIPE W/ TAG, RCE 730529
 - S.S.E. SANITARY SEWER EASEMENT



VICINITY MAP
N.T.S.

17M 262

Description: Contra Costa, CA Tract Map 292.40 Selected Pages 1-3 Page 3
Order: CC sub Comment:

SUBDIVISION 5336

CITY OF HERCULES

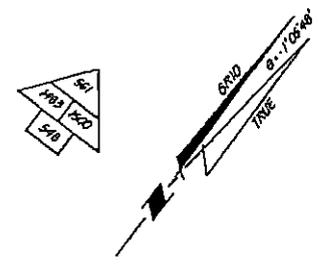
"BAYSIDE VILLAGE PHASE 4"

BEING THE REMAINDER OF PARCEL ONE AS SHOWN ON PARCEL MAP 478-82 RECORDED IN BOOK 103 OF PARCEL MAPS AT PAGES 5 & 6 IN THE COUNTY OF CONTRA COSTA, CALIFORNIA

SCALE: 1" = 80'

DATE: JANUARY 1984

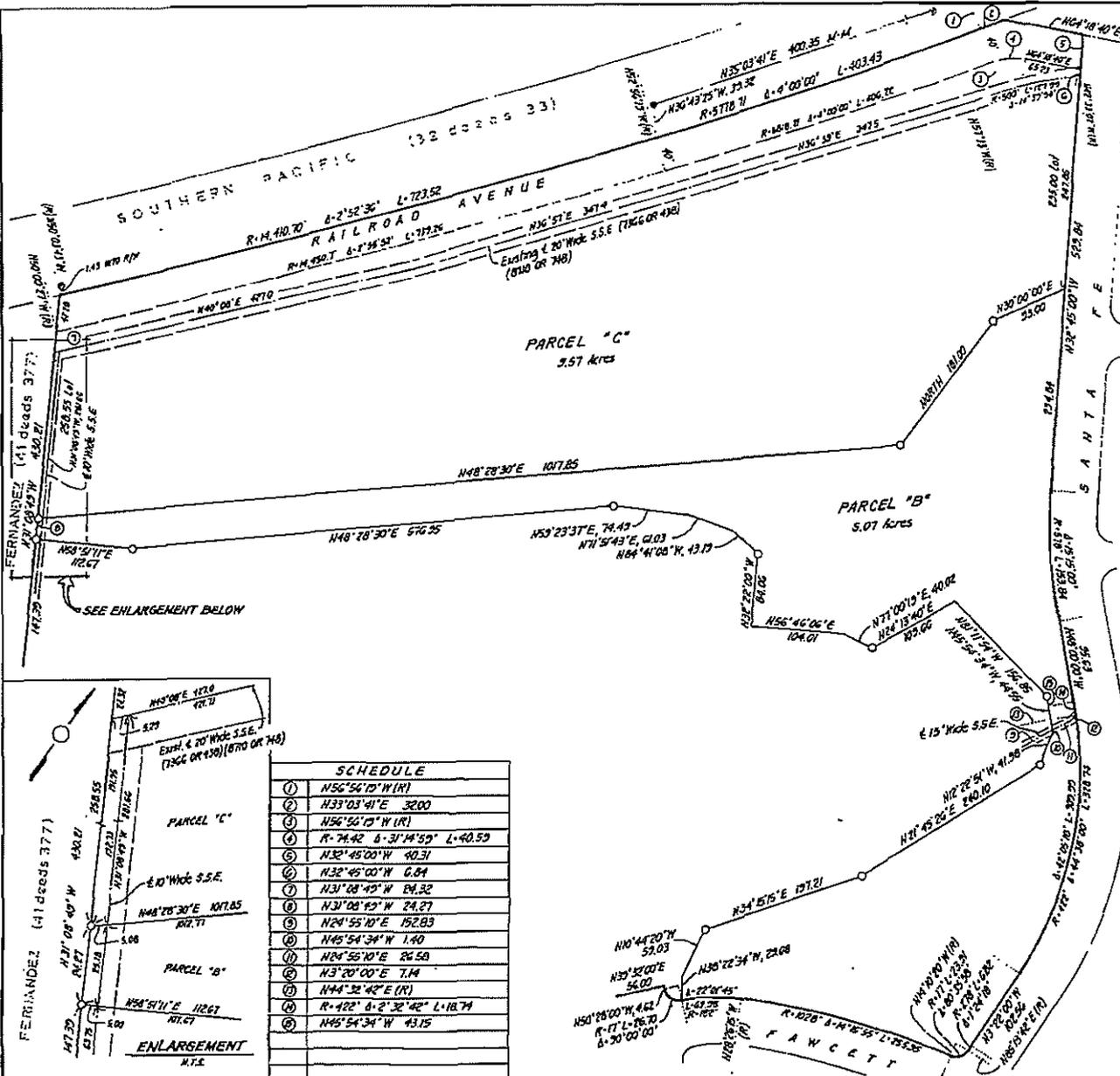
TETRAD ENGINEERING, INC.
WALNUT CREEK, CALIFORNIA



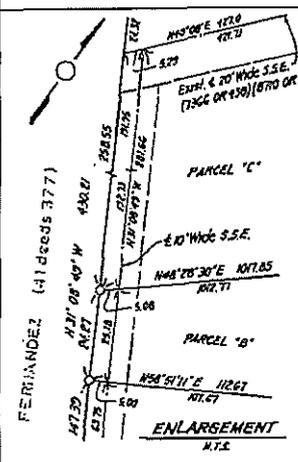
BASIS OF BEARINGS:
THE BEARINGS OF THE LINE BETWEEN THE FOUND STANDARD CITY OF HERCULES STREET MONUMENT AND FOUND RAILROAD SPIKE ON FANCETT AS SHOWN ON SHEET 3 OF THE MAP ENTITLED "SUBDIVISION 5331", FILED IN BOOK 103 OF MAPS AT PAGE 28, AS "N68°51'16"E, 212.00'" IS THE BASIS OF BEARINGS SHOWN HEREON.

NOTE:
BEARINGS AND DISTANCES SHOWN HERECY CONFORM WITH CALIFORNIA COORDINATE SYSTEM, ZONE XI, MULTIPLY DISTANCES SHOWN BY 1.000263 TO OBTAIN GROUND DISTANCES.

LEGEND:
 (M) FOUND STD. SOUTHERN PACIFIC COMPANY MONUMENT
 (P) FOUND 1" IRON PIPE W/ TAG, RICE 6245
 (O) SET 1" IRON PIPE W/ TAG, RICE 13252
 M-M MONUMENT TO MONUMENT
 S.S.E. SANITARY SEWER EASEMENT



SCHEDULE	
1	N56°56'10"W (M) 32.00
2	N33°03'41"E 32.00
3	N56°56'10"W (M)
4	R-74.42 8-31'14"59" L-40.59
5	N32°45'00"W 40.31
6	N32°45'00"W 6.04
7	N31°08'42"W 24.32
8	N31°08'42"W 24.27
9	N24°55'12"E 152.83
10	N45°54'34"W 1.40
11	N24°55'10"E 26.58
12	N3°20'00"E 7.14
13	N44°32'42"E (M)
14	R-422 8-2°32'42" L-118.74
15	N45°54'34"W 43.15



292 M 42

SHEET 3 OF 11

292-42

APPENDIX D

ENVIRONMENTAL DATA RESOURCES, INC.

Aerial Photo Decade Package



EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

**Chelsea Wetlands
Railroad Avenue
Hercules, CA 94547**

Inquiry Number: 2214910.5

May 08, 2008

The Standard in Environmental Risk 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.

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Date EDR Searched Historical Sources:

Aerial Photography May 08, 2008

Target Property:

Railroad Avenue

Hercules, CA 94547

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
1958	Aerial Photograph. Scale: 1"=555'	Flight Year: 1958	Cartwright
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1973	Aerial Photograph. Scale: 1"=541'	Flight Year: 1973	NASA
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
2005	Aerial Photograph. Scale: 1"=484'	Flight Year: 2005	EDR



INQUIRY #: 2214910.E

YEAR: 1939



1" = 500'



INQUIRY #: 2214910.5

YEAR: 1959

1" = 500'





INQUIRY #: 2214810.5

YEAR: 1955

1" = 333'





INQUIRY #: 2214910.5

YEAR: 1973



— = 54'

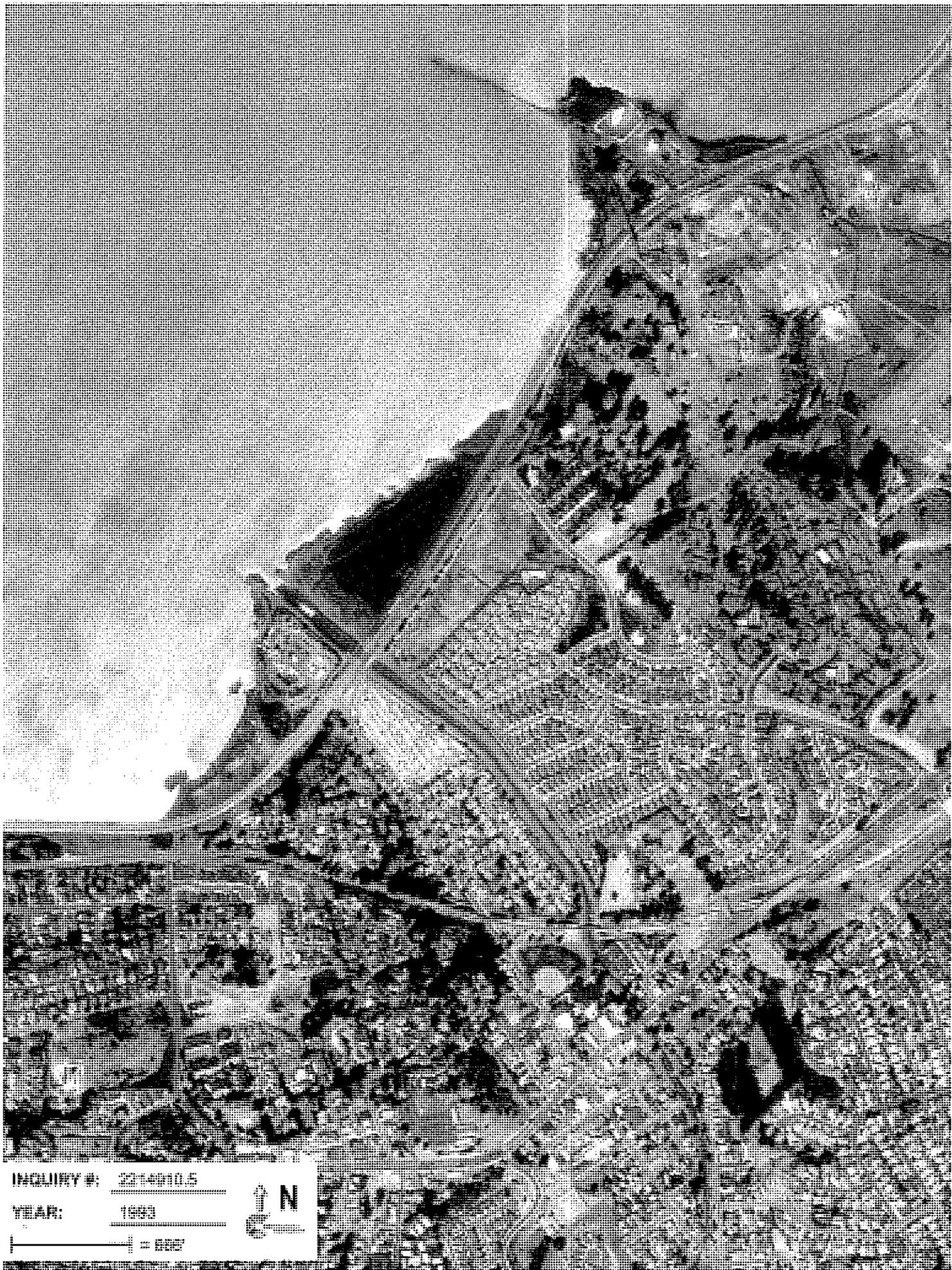


INQUIRY #: 2214910.0

YEAR: 1982

1" = 500'





INQUIRY #: 2214910.5

YEAR: 1993

1" = 500'





INQUIRY #: 2214810.5

YEAR: 1950

1" = 665'





INQUIRY #: 2214810.0

YEAR: 2005

1" = 40'



APPENDIX E

Environmental Site Assessment Questionnaire

Project Name: *Chelsen Wetlands*
Project No. *7970.2.001.01*

ENGEO
INCORPORATED

<input type="checkbox"/> 2010 Crow Canyon Place ▪ Suite 250 ▪ San Ramon, CA 94583	(925) 866-9000 ▪ Fax (888) 279-2698
<input type="checkbox"/> 2213 Plaza Drive ▪ Rocklin, CA 95765	(916) 786-8883 ▪ Fax (888) 279-2698
<input type="checkbox"/> 332 Pine Street ▪ Suite 300 ▪ San Francisco, CA 94104	(415) 284-9900 ▪ Fax (888) 279-2698
<input type="checkbox"/> 6399 San Ignacio Avenue ▪ Suite 150 ▪ San Jose, CA 95119	(408) 574-4900 ▪ Fax (888) 279-2698
<input type="checkbox"/> 580 N. Wilma Avenue ▪ Suite A ▪ Ripon, CA 95366	(209) 835-0610 ▪ Fax (888) 279-2698
<input type="checkbox"/> 425 Merchant Street ▪ Suite 101 ▪ Vacaville, CA 95688	(707) 455-7833 ▪ Fax (707) 455-7844
<input type="checkbox"/> 690 Walnut Avenue ▪ Suite 220 ▪ Mare Island, Vallejo, CA 94592	(707) 562-0030 ▪ Fax (888) 279-2698
<input type="checkbox"/> 3545 Airway Drive ▪ Suite 114 ▪ Reno, NV 89511	(775) 852-2121 ▪ Fax (888) 279-2698
<input type="checkbox"/> 27433 Tourney Road ▪ #160 ▪ Santa Clarita, CA 91355	(661) 257-4004 ▪ Fax (888) 279-2698

**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE
FOR CLIENT**

To evaluate the potential for possible environmentally related impacts and site contamination the following information is requested. This questionnaire is to be completed by the user of the phase one environmental site assessment, or their authorized representative.

PART I

1. Property address and Assessor's Parcel Number (APN):

APN 404-020-049-7 (1)

404-351-131-2 (2)

2. Current property owner (name, address, voice/fax number):

(1) City of Hercules

(2) Chelsen by the Bay Home Owners' Assoc.

3. Date current property owner assumed title of property:

(1) 8/26/1985

(2) 12/9/1987

4. Current property development/improvements:

N/A

5. Past property use, development/improvements:

Unknown

6. Neighboring property uses:

South East - Chelsen by the Bay residential development

PART II

1. Are you aware of any environmental cleanup liens against the *property* that are filed under federal, tribal, local or state law? Yes No

2. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state or local law? Yes No

3. Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example are you involved in the same line of business as the current or former occupants of the *property* or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Yes No

4. If a property transaction is occurring in conjunction with this environmental assessment, does the purchase price of this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? Yes No

N/A

5. Are you aware of any commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, Yes No
 - (a) do you know of specific chemicals that are present or once were present at the *property*?
 - (b) do you know of spills or other chemical releases that have taken place at the *property*?
 - (c) do you know of any environmental cleanups that have taken place at the *property*?

6. Based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*? Yes No

If a "Yes" response was provided to any of the above questions, please provide details below:

I certify that the information herein is true and correct to the best of my knowledge as of the date signed below.

Name (Printed/Typed): Elizabeth Warmerdam
 Signature:  Date: 4/29/08

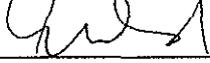
PART II - The following questions should be answered to the best of your knowledge.

- | | | | |
|---|---|--|--------------------------|
| 1. Is/has the <i>property</i> or any adjoining property used/been used for industrial purposes? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | Don't know |
| 2. Has the <i>property</i> or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | DK |
| 3. Are there currently, or have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal in volume or 50 gal in the aggregate, stored on or used at the <i>property</i> or at the facility? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | DK |
| 4. Has undocumented soil been brought onto the property at any time? If yes, estimated quantity is <u>50,000</u> cubic yards. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 5. Has soil been brought onto the property that originated from a contaminated site or that is of an <u>unknown</u> origin? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 6. Are there currently, or have there been previously, any pits, ponds, or lagoons located on the <i>property</i> in connection with waste treatment or waste disposal? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| 7. Is there currently, or has there been previously, any stained soil on the <i>property</i> ? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | DK |
| 8. Are there currently, or have there been previously, any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | DK |
| 9. Are there currently, or have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <i>property</i> or adjacent to any structure located on the <i>property</i> ? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | DK |
| 10. Are there currently, or have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| 11. Are there any domestic, irrigation or monitoring wells on the property? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | DK |
| 12. If the <i>property</i> is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| 13. Have you been informed of the past or current existence of <i>hazardous substances</i> or <i>petroleum products</i> or environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ? <u>Project # 7970.200-101</u> | <input type="checkbox"/> Yes | <input type="checkbox"/> No | See ENGEO Report 3/14/08 |
| 14. Have there been any <i>environmental site assessments</i> of the <i>property</i> or facility that indicated the presence of <i>hazardous substances</i> or <i>petroleum products</i> on, or contamination of, the <i>property</i> or recommended further assessment of the <i>property</i> ? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | " " |
| 15. Have there been any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any <i>hazardous substance</i> or <i>petroleum products</i> involving the <i>property</i> ? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| 16. Has there been any past agricultural use of the <i>property</i> , such as orchards or seed crop cultivation? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | DK |
| 17. Have any <i>hazardous substances</i> or <i>petroleum products</i> , unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the <i>property</i> ? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | DK |
| 18. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |

If a "Yes" response was provided to any of the above questions, please provide details below:

I certify that the information herein is true and correct to the best of my knowledge as of the date signed below.

Name (Printed/Typed): Elizabeth Warnerham

Signature:  Date: 4/29/08

APPENDIX F

Qualification of Environmental Professional

SHAWN MUNGER, PG, CHG, REA II

PRINCIPAL

EDUCATION

B.S. Geology, UC Davis

REGISTRATIONS

Registered Geologist in
California 5810

Certified Hydrogeologist in
California 413

Registered Environmental
Assessor in California #20201

Certified Environmental
Manager in Nevada 1332

SPECIALIZATIONS

- Hazardous materials
- Due diligence evaluations for portfolio property acquisitions
- Hydrogeologic Studies
- UST characterization and remediation
- VOC release assessments and remediation
- Risk Based Corrective Action (RBCA) evaluations
- Agrichemical impact assessments

REFERENCE

Ms. Patty Hirota – Cohen
BART Real Estate Department
1330 Broadway, Suite 1800
Oakland, CA 94612
510- 464-6000

Since joining ENGEO in 1985, Mr. Munger has been managing groundwater supply evaluations, hydrogeologic studies, chemical assessments, phase one and two site assessment projects, UST site investigations, risk based corrective action (RBCA), VOC remediation, and agricultural impact evaluations. He serves as Principal-in-Charge or Project Manager for environmental and hazardous materials projects involving groundwater hydrology, contaminant fate and transport, and remediation.

620 North 9th Street, San Jose, CA

Mr. Munger is Principal-in-Charge for groundwater and soil gas characterization study for former Del Monte Packing Plant site in San Jose. His scope of services included meetings and interaction with multiple members of the San Francisco Regional Water Quality Control Board, and preparation of a Remedial Management Plan and public participation notifications.

ENGEO performed a Phase One Environmental Site Assessment and a subsequent Phase Two Environmental Site Assessment for the 3.1-acre proposed residential property. The property is currently occupied by two commercial warehouses and surrounding asphalt parking. The purpose of the Phase Two study was to provide an assessment of possible remaining soil gas impacts related to residual groundwater impairments from on- and off-site sources. ENGEO prepared a Remedial Action Plan (RAP) for the mitigation of volatile organic compounds (VOCs) and management of potential petroleum impacted soil.

Ivy Glen, Fremont, CA

Mr. Munger is the Principal-in-Charge. ENGEO is providing groundwater sampling, including collecting groundwater samples from existing monitoring wells. Field activities have been conducted by an ENGEO Environmental Engineer. Static water levels are measured in surrounding wells, then checked for the presence of free product or sheen, with no measurable product or sheen found. Prior to groundwater sampling, a well was purged with at least four casing volumes until the field parameters (temperature, conductivity and pH) had stabilized.

Groundwater samples are collected in accordance with ENGEO's standard sampling procedures. Water samples are collected for laboratory testing using a dedicated polyethylene bailer. The samples are decanted into a pre-cleaned 40 ml vial preserved with HCL and cooled in an ice chest until delivery under documented chain-of-custody to Entech Analytical Laboratory in

SHAWN MUNGER, PG, CHG, REA II (CONTINUED)

Santa Clara, California. Samples are analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260B. Detectable concentrations of VOCs are reported in the laboratory test results.

Cecchini Property, Contra Costa County, CA

Mr. Munger provided an agrichemical study. ENGEEO is providing geotechnical, environmental, hydrologic, and long-term storm water Best Management Practices (BMP) consultation services for the project. ENGEEO previously performed several surface and subsurface explorations at the site for the purpose of providing geotechnical and environmental design recommendations. The project site is located on Byron Tract at the eastern edge of Contra Costa County. The irregularly shaped parcel is bounded by Old River to the east, Highway 4 to the south, Discovery Bay to the west, and Indian Slough to the north. The site is agricultural in nature with existing farm-related structures in the north central part of the site. Numerous small irrigation and drainage ditches traverse the property. The ditches help maintain artificially depressed groundwater levels that serve as a permanent dewatering system.

Discovery Bay West, Tracts 7686 and 8143, Discovery Bay, CA

Mr. Munger was Principal-in-Charge. ENGEEO provide a modified phase one site assessment addressing the entire 756-acre property. The lots have been rough graded with streets and curb/gutter in place. Most underground utilities are also in place. The proposed development consists of single-family homes and areas graded for residential development.

River Islands School Site Preliminary Endangerment Assessment, Lathrop, CA

Mr. Munger was Principal-in-Charge. ENGEEO recently performed a Preliminary Endangerment Assessment for a proposed school site, located in the eastern portion of the River Islands project, a 4,800 acres residential development in Lathrop, California. The PEA was completed for the Banta School District for the proposed River Islands middle and elementary schools. ENGEEO conducted environmental sampling of the site near surface soils since the site was historically used for agricultural usages since at least the 1930's. ENGEEO determined that residual levels of the pesticides DDE and DDT detected onsite were below the acceptable thresholds and did not pose a threat to the future school site. We concluded the onsite concentrations of mercury, arsenic and lead were consistent with the range and mean concentrations of the background soil results. Based on our evaluation of the soil sampling results, we proposed that no further action was necessary for the proposed school site. ENGEEO recently received verbal approval by DTSC for the PEA.

Discovery Bay West Villages 4 and 5, Discovery Bay, CA

Mr. Munger was Principal-in-Charge. ENGEEO provided environmental services for the installation of three groundwater monitoring wells and advancement of six Geoprobe borings at the project site—adjacent to the existing pipeline easement of $\pm 3,400$ lineal feet on the property. The purpose of the additional services is to provide further delineation of the extent of low-level petroleum impacts identified at the site. We also created a letter report presenting the results of the Kinder-Morgan petroleum pipeline assessment.

ENGEEO completed a previous petroleum pipeline assessment for the development in 1998. The study did not reveal any appreciable concentrations of target analytes associated with petroleum

SHAWN MUNGER, PG, CHG, REA II (CONTINUED)

products. It was concluded that no soil or groundwater impact had occurred to-date. This subsurface assessment was performed to evaluate whether pipeline operations since the 1998 study have subsequently impacted the soil and/or groundwater.

Hogan Drive, Santa Clara, CA

Mr. Munger is the Principal-in-Charge for the active groundwater remediation services for 3 acre former dry cleaner site in Santa Clara. Our scope of services has included an initial site characterization, groundwater plume delineation and ongoing bioremediation services. ENGEO provided a soil and groundwater study to monitor the presence of VOCs, TPHg, BTEX, MTBE, and PCE. All were non-detectable except for PCE. ENGEO recommended that remediation take place to clean the soil and groundwater of PCE.

Mayfield Avenue Site, Mountain View, CA

Mr. Munger is the Principal-in-Charge for groundwater study and dewatering system design for former Hewlett Packard Site in Mountain View. His scope of services included the installation and monitoring of four piezometers.

Aerially Deposited Lead (ADL) Assessment Program, Alcosta Boulevard/Interstate 680 Interchange Improvement, San Ramon, CA

Mr. Munger provided Principal Review. ENGEO performed an Aerially Deposited Lead (ADL) assessment program for the Alcosta Boulevard/Interstate 680 Interchange Improvement. The purpose of the investigation was to determine existing lead levels in surface soils. The scope of services included the recovery of soil samples from the surface to a depth of 3 feet below the ground surface, analytical testing of the samples to determine hydrogen ion content (pH testing), total lead, STLC WET soluble lead, and STLC TCLP soluble lead analyses, and a statistical analysis to determine Confidence Intervals (CI) of soil lead concentrations.

An innovative risk-based statistical analysis was performed to assure site soils were suitable for on-site reuse in accord with Caltrans/State of California regulations. This analysis led to significant project budget savings by avoiding removal and disposal at a solid waste disposal facility.

SR 121 Improvements, Napa, CA

As Principal in Charge, Mr. Munger provided quality assurance and oversight while ENGEO personnel performed aerially deposited lead (ADL) sampling and laboratory analysis for the State Route 121 improvement project. The purpose of the investigation was to determine total lead concentrations in surface soils within the proposed improvement area. Our scope of services included: recovery of 20 surface soil samples from 20 sampling locations and submittal of the soil samples for hydrogen ion content (pH testing) and total lead analyses. The area of study consisted of approximately one-half mile of right-of-way on either side of the existing roadway.

Builder's Square, Multiple States—USA

Mr. Munger led the ENGEO team that provided Phase One Environmental Site Assessments for 90 properties located within 22 states as part of a pre-acquisition due diligence. We completed the work within five and a half weeks and on budget. The properties consisted of 48,000 to

SHAWN MUNGER, PG, CHG, REA II (CONTINUED)

115,000 square foot cornet tilt-up commercial buildings developed as home improvement centers. The existing structures were constructed in the 1980s and 1990s.

Hercules Wastewater Treatment Plant, Hercules, CA—2004

Mr. Munger was Principal-in-Charge of the project. ENGEO performed a phase one environmental site assessment at the 12-acre property currently occupied by the Hercules Waste Water Treatment Plant (WWTP), previously operated by the City of Hercules. The property is also a former parcel of the Hercules Powder Works site (HPW). Remnant facilities previously associated with the WWTP include a treatment vault, above-ground chemical storage tank, and aeration ponds. Based on the findings of the assessment, there were potential environmental concerns associated with the past and current uses of the property:

- The lack of environmental documentation prior to the construction of the Waste Water Treatment Plant and the past history of the site as a part of the Hercules Powder Works represented a potential environmental concern for impacts to the site.
- Sampling and analysis data compiled by Questa Engineering in association with the 1991 – 1992 UST and dispenser removal suggests residual soil and groundwater impacts may exist on the property.
- The use of hazardous materials and waste associated with the Waste Water Treatment Plant present a potential environmental concern for possible impact to the site.

Lockeford Wastewater Treatment Plant Expansion, Lockeford, CA

Mr. Munger is Principal-in-Charge. ENGEO is providing environmental services regarding private party activities to assist the Lockeford Community Services District (LCSD) in acquiring property to support expansion of the existing wastewater treatment plant's capacity. The LCSD operates a wastewater treatment plant (WWTP) that is designed to process wastewater to secondary water quality standards and is reported to have a current design capacity of 340,000 gallons per day. The existing disposal capacity for treated effluent is reported to limit the WWTP to approximately 280,000 gallons per day. Our scope of services includes obtaining clarification of Preliminary Vernal Pools Determination, identifying existing WWTP capacity and identifying use alternatives for 120 acres.

ENGEO is completing study to characterize groundwater for the purpose of preparing a Report of Waste Discharge submittal to the Central Valley Regional Water Quality Control Board. This application is in support of a plan to convert use of an existing agricultural property to effluent reclamation for secondary treated water.

City of Plymouth Treated Water Pipeline Project, Tanner Reservoir to Plymouth Water Treatment Plant, Amador County, CA—on-going

Mr. Munger is Principal-in-Charge. ENGEO is preparing a geotechnical report for the project which will consist of construction of a treated water pipeline connecting the existing Amador Water Agency Water Treatment Plant at Tanner Reservoir, with the existing City of Plymouth treated water storage tank. ENGEO is also providing environmental services related to disposal issues. We created a letter

SHAWN MUNGER, PG, CHG, REA II (CONTINUED)

determining if naturally occurring asbestos issue was a factor. The project also includes construction of a water storage tank north of Sutter Creek. We will perform a geologic reconnaissance of the selected pipeline alignment. We will also perform subsurface explorations and provide design recommendations for foundation design and excavatability.

Bear Creek Property, Contra Costa County, CA

ENGEO has provided a wide range of services for the 83-acre site, a proposed cemetery location. We performed a groundwater availability study to evaluate the underlying aquifer(s) with regard to potential sustained well yield and water quality. We also provided a hydrogeologic evaluation of the groundwater availability on an existing well. In addition, we submitted plans for the installation of an additional groundwater observation well and monitoring, required by Contra Costa County as a Condition of Approval for the project. Most recently we summarized the findings of the groundwater monitoring.

Burroughs Property (State Parcels), Jersey Island Road, Oakley, CA

Mr. Munger conducted a Phase Two Site Assessment to address the environmental concerns associated with the one active natural gas well site and five former natural gas well sites identified in the referenced site assessment report. Mr. Munger identified the following potential environmental concerns associated with the six active/former natural gas well sites:

- Hydrocarbon impacts to soil/groundwater as a result of spillage from condensate tanks
- Spillage from above-ground diesel and motor oil tanks
- Hydrocarbon impacts within the area of compressor units
- Mercury impacts adjacent/beneath meter sheds
- Hydrocarbon/barium impacts associated with former drill sumps
- Hydrocarbon impacts around well heads

Pay N' Pak Real Estate Transactions, CA

A financial money manager of Harvard University hired ENGEO to undertake 18 Phase One Environmental Site Assessments prior to their purchasing a number of Pay N' Pak stores. The scope of work included site walkovers with an asbestos inspector, review of aerial photographs and available Sanborn Fire Insurance maps, and record research. We prepared a detailed plan showing nearby contaminated sites that could potentially affect the subject property. The reports were prepared under a strict four-week deadline for completion. The full reports were completed within the time limits with no revisions required prior to the completion of the real estate transaction.

170 King Street, San Francisco, CA

Mr. Munger served as the Project Manager for the proposed residential project. The planned development includes an 11-story building and the upper eight levels will consist of residential units with parking on the lower three levels. Our services focused on characterizing the environmental aspects of the project and provide design level recommendations to guide land planning.

SHAWN MUNGER, PG, CHG, REA II (CONTINUED)

- A classification of the sub surface geology at the Site
- Soil and groundwater sample collection. Samples were analyzed for NOA and CAM 17 metals.
- Preparation of a PEA report summarizing our findings for the Site.

Our assessment revealed no significant levels of asbestos and CAM 17 metals at the Site and concluded that Naturally Occurring Asbestos is not a concern for development of the Cobb School facility.

In February 2006, ENGEO's PEA was approved by the DTSC.

S&S Farms, 12-Acre Proposed Grant Street School Site, Brentwood, CA

Mr. Munger completed an updated Phase One Environmental Site Assessment (ESA) for the proposed Grant Street School. The previous phase one site assessment was completed by ENGEO in October 2002, for a larger ±94-acre property. The 12-acre school site is located in the northeast corner of this site. The October 2002 Phase One scope of services was modified to include limited sampling to initially evaluate soil for evidence of leakage from an underground petroleum pipeline and for the presence of agricultural chemical residues in soil from agricultural activities that occurred on the property.

ENGEO also performed a soil vapor study that involved collecting soil vapor samples for analysis of hydrogen sulfide and methane. This objective of this study was to evaluate whether these compounds were introduced to shallow soil by historic natural gas exploration in the area. The results of this study in conjunction with the results from prior soil vapor studies performed at the site indicated hydrogen sulfide and methane were not present at concentrations in soil vapor beneath the site that merited further study.

ENGEO's reports included calculations for cancer risk and hazard quotient posed to human health for the two pesticides and two metals detected in the surface soil. Based on the calculated cancer risk being less than 1 in a million and the hazard quotient being less than 1, ENGEO recommended that a Preliminary Endangerment Assessment (PEA) may not be necessary.

Proposed Cobb School Site, Cobb, CA

Mr. Munger was Principal-in-Charge. ENGEO prepared a work plan for a Preliminary Endangerment Assessment (PEA) regarding Naturally Occurring Asbestos (NOA) and metals in surface and near surface soil and Title 22 contaminants in groundwater. Our scope of services included:

- Collecting soil samples from two depths at three locations previously sampled in December 2004 for analysis of naturally occurring asbestos using the transmitted light microscopy (TEM) method.
- Collecting soil samples from the upper 6 inches of soil at four locations for analysis of the seventeen metals listed in the California Assessment Manual.

SHAWN MUNGER, PG, CHG, REA II (CONTINUED)

house a library, classroom structures, an administration building and a gymnasium. These buildings will be one to two stories high. Basketball courts and two soccer fields will be constructed at the western half of the site.

Executive Jet Hangar, Concord, CA

ENGEO conducted a geotechnical exploration and Mr. Munger led the Phase One and Phase Two Environmental Site Assessments for the proposed executive jet hangar and surrounding parking area improvements. The proposed jet hangar will be approximately 125 feet wide and 300 feet long with a parking area to the west of the hangar. It is our understanding that the hangar will consist of a first floor totaling 46,906 square feet with 39,320 square feet for hanger use and 7,386 square feet set aside for offices. A second floor is also planned with office space totaling 7,386 square feet.

Suisun City Marina Project, Suisun City, CA

ENGEO was retained by the Suisun City Redevelopment Agency to conduct Phase One Environmental Site Assessments on five parcels totaling 35 acres along the east side of Suisun Channel. The parcels included a number of boat repair and storage facilities; warehouses and light manufacturing. Multiple tenants had occupied the properties since the early 1900s. Subsequent site assessments found areas of questionable in filling of ancient marine inlets with unknown materials. Phase Two assessments found evidence of leaking underground fuel storage tanks; heavy metal contaminated soil, solvents and semivolatile organic material in the site soil and ground water. The degree of environmental impact was evaluated on a parcel-by-parcel basis. Removal of underground storage tanks, installation of ground water monitoring wells, and excavation of contaminated soil have to date resulted in four letters of site closure from the Solano County Department of Environmental Management. Soil remediation techniques included reclassification of soil for less costly landfill disposal, off-site incineration and on-site aeration.

Terminal One, Richmond, CA

ENGEO is providing geotechnical and environmental consultation for the subject development. Our environmental services are focused on reviewing and commenting on the planned environmental remediation and mitigations plans, and to serve as the site consultant for the Toll Brothers. ENGEO evaluated the proposed plans to mitigate the known site contamination to allow for future residential development. ENGEO is also providing geotechnical services related to site development. Design issues include soft bay mud soils over sloping bedrock conditions and high building loads for this multi-level podium residential structure.

Sea Cliff Marina, Richmond, CA

The 12-acre Seacliff Marina site is located west of the Port of Richmond's Shipyard No. 3 and east of the Brickyard Cove Development. The Seacliff Marina site was formerly part of Kaiser Shipyard No. 3 and was used for ship repair and maintenance along with scrap metal and salvage yards. A 1986 soil investigation found elevated concentrations of metals and asbestos at the site. In 1995, a DTSC-approved Remedial Action Plan required the consolidation and capping of contaminated soil at the site, and this remedial action was completed in 1998. ENGEO provided oversight, review, and consultation regarding remediation work performed by the Seacliff

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Marina consultant. ENGEO has also provided design level geotechnical studies for the development.

Proposed West Shore Project, Richmond, CA

ENGEO is providing design level geotechnical and environmental studies for this multi level podium structure. The property is currently undeveloped land surrounded by predominately commercial parcels. High -density residential construction is proposed for the site, including a proposed 6-story podium structure to include five residential floors with 269 units and one parking floor.

The site was reclaimed in the late 1920s by constructing a rock bulkhead between the San Francisco Bay and the margins of the peninsula now occupied by the West Shore Areas. Geotechnical issues include consolidation and possible liquefaction of dredge spoils that generally consist of soft silt and loose silty sand.

California Rock & Asphalt, Brisbane, CA

ENGEO provided field and laboratory services in an evaluation of potential lead impacts to imported fill material placed at Cal Rock during the spring and summer of 2002. Based on a review of information on file with the San Mateo County Department of Environmental Health (DEH), potentially lead-contaminated soil was exported to the Cal Rock site in 2002. According to DEH information, approximately 2,350 truckloads of soil was exported from the Prometheus Real Estate Group's (PREG) Metropolitan Apartment development site in the City of San Mateo. Additional soil from the PREG site was transported to the former Burlingame Drive-In property (301 Beach) and San Mateo property (2nd Avenue and B Street) The volume of soil transported to Cal Rock has been estimated at 28,200 cubic yards. Previous analysis of near-surface soils at the Metropolitan Apartment site found total lead concentrations up to 620 parts per million (ppm) and soluble lead concentrations up to 21 milligrams per liter (mg/l). Based on these findings, DEH requested that PREG submit a work plan to address all three of the import fill locations. DEH staff also contacted Cal Rock personnel to inform them that lead-impacted soil may have been transported to the property. Finally in 2004, DEH requested that the City of Brisbane require Cal Rock to develop a work plan to address the potentially impacted fill material.

Former McKesson Facility, Union City, CA

Mr. Munger was the Project Manager who reviewed selected documents provided by a developer, former owners, and the San Francisco Regional Water Quality Control Board (SFRWQCB). The purpose of the review was to evaluate the adequacy of site cleanup efforts to allow proposed single-family residential development across the property. Part of our scope included a review of selected technical reports and letters, comparison of residual soil and groundwater concentrations to applicable residential risk criteria maintained by USEPA and the SFRWQCB and the preparation of a final letter report with conclusions. ENGEO also provided a geotechnical exploration and environmental work. The proposed development includes 62 lots at the northern portion of the site and two parcels at the southwestern corner. The 62 residential lots consist of 58 single-family lots and four duplex lots. Parcel D will contain a park and Parcel E will contain a fire station. Lot 13 at the southeast corner will be used as an interim water treatment facility.

Los Banos Airport, Los Banos, CA

The Los Banos Airport is approximately 112 acres in area. ENGEO provided a draft Phase One Environmental Site Assessment and a Conceptual Soil Remediation Work Plan as part of a multi-phase development for Stonecreek Properties, LLC. The scope of the environmental site assessment consisted of a Phase One environmental site assessment and a soil and groundwater characterization program. A review of regulatory databases at the local, state and federal level revealed that the property is listed in both federal and state databases as a site that has been subjected to environmental impacts.

Blackwelders Iron Works, Extractable Hydrocarbon Contaminated Soils, Rio Vista, CA

The Blackwelders facility was a former manufacturer of farm equipment and machine products. A Phase One Environmental Site Assessment was performed for a property transfer. The initial investigation identified areas of surface and subsurface discharge of hydrocarbon bearing condensate from an extensive air compression system. A Phase II Assessment which included hollow stem auger borings with soil and ground-water sampling found that extractable hydrocarbon contamination of the soil had occurred from both surface discharge and underground piping leaks. The primary area of contamination was located beneath the former compressor building. The affected soil adjacent to and beneath the building was excavated, stockpiled and profiled by laboratory analysis. Discrete soil samples were recovered from the excavation to confirm the removal of the contaminated soils to the regulatory agreed cleanup level of 100 parts per million. Excavated soil volume was approximately 250 cubic yards. Several potential remedial alternatives were evaluated including on-site biodegradation, landfilling and low-temperature rotary kiln thermal treatment. After considering cost, liability, and time constraints, off-site thermal treatment was selected as the most economical for soil treatment.

Richmond Transit Project, BART right of way drilling, Richmond, CA

ENGEO was retained by the Olson Company with the cooperation of the City of Richmond Redevelopment Agency to perform a geotechnical investigation for the proposed transit project. An application was made for permission to drill, and consequently to encroach on or over BART property at the following locations:

Borehole 2: Approximately 110 feet West of 19th Street and approximately 480 feet North of Macdonald Avenue.

Borehole 3: Approximately 340 feet West of 19th Street and approximately 650 feet North of Macdonald Avenue.

Borehole 4: Approximately 60 feet West of 18th Street and approximately 120 feet South of Barret Avenue.

Borehole 5: Approximately 330 feet West of 18th Street and approximately 130 feet South of Barret Avenue.

Borehole 8: Approximately 730 feet East of Marina Way and approximately 300 feet North of Macdonald Avenue.

Borehole 9: Approximately 510 feet East of Marina Way and approximately 270 feet North of Macdonald Avenue.

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The purpose of drilling at the said locations was to conduct a geotechnical investigation involving soil borings at 6 locations within the BART right of way (5 of which requiring pavement penetration), and at 3 locations on property belonging to the City of Richmond. A truck mounted drill rig was used, and drive samples were taken at approximately every five feet.

Hercules Village for Bixby Land Development Company LLC, Hercules, CA

The project area consists of ±167 acres located near and along the southeastern shore of San Pablo Bay in Hercules, California. The property was once a portion of a 1300-acre manufacturing facility that was operated by DuPont from 1879 to 1913 and Hercules Incorporated from 1913 to 1979. The planned development included single/multi family residential development with some commercial components. Mr. Munger provided environmental due-diligence services for the prospective purchaser/developer of the property. Previous site operations included the manufacture of explosives, fertilizer products and chemicals such as methanol, nitric acid and nitrogen tetroxide. Initial investigations confirmed the presence of arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc, petroleum hydrocarbons and polynuclear aromatic hydrocarbons in site soils. ENGEO's scope of work included:

Site Asbestos Survey

In March 1999, an asbestos survey was conducted for structures on the site. The survey included a physical inspection of the buildings, the recovery of bulk material samples, and analysis of the samples using Polarized Light Microscopy (PLM). The survey identified significant quantities of regulated asbestos-containing materials and Category II materials including pipe wrap, ducts, air cell, wall panels, and linoleum/vinyl tile. An estimate of the potential abatement costs was provided for the preparation of bid specifications.

Site Characterization

In order to verify past remedial efforts for the property, ENGEO excavated approximately 110 test pits across the property. Samples recovered from the test pits were submitted for metal, PCB, PNA and TPH analysis. Statistical analyses were performed to determine upper confidence levels (UCLs) for the various contaminants. Contaminant levels were compared to the existing site-specific risk criteria developed for the site.

Demolition Observation/Contaminant Assessment

Remnant foundation elements, utilities, and drainage structures existed across the property. These structures were proposed for demolition prior to initiating the reworking of un-engineered fill material and mass grading work.

ENGEO provided full-time observation services during demolition and pregrading work. This work included a physical inspection of areas around and beneath the structures/foundations, along with the recovery of soil samples with laboratory testing.

Phase One Site Assessment

The Phase One Assessment included a site reconnaissance, a review of regulatory records and interviews with owner/occupants. The areas were viewed for hazardous materials

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storage, surficial staining or discoloration, debris, stressed vegetation, or other conditions indicative of potential sources of soil or ground-water contamination. The areas were also inspected for fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks.

Based on the findings of the site assessment, ENGEO identified several environmental concerns associated with the property, including potential metal, PCB and petroleum hydrocarbon impacts.

Brann Parcels, Rio Vista, CA

Mr. Munger provided Phase One and Two Environmental Site Assessments. The Phase Two Environmental Assessment included Division of Oil and Gas research, magnetometer survey, exploratory test pits, soil sampling and laboratory analyses.

Hydrogeologic Evaluation for Groundwater Availability, Fox Creek Country Club, Contra Costa County, CA

Mr. Munger provided a general hydrogeologic site characterization of this 350-acre property to determine the potential for an adequate source of groundwater on the subject property for golf course irrigation and other non-potable applications. The proposed development included an 18-hole golf course, a clubhouse, driving range and access roads. The scope of services included a review of geologic and hydrogeologic maps and literature regarding site geologic stratigraphy and structure, groundwater availability and quality; a review of available black and white stereo aerial photographs; an evaluation of available pump test data for existing on and off site groundwater wells; drilling and logging of four exploratory borings on the property; preliminary calculations of anticipated surface water runoff; and evaluation of groundwater availability.

Stop & Go Service Station, Suisun City, CA

Mr. Munger managed the characterization and remediation of service station site in Suisun City. He implemented an innovative sparging and bacterial treatment approach, which resulted in attainment of rapid site closure from the State with no off-site disposal costs.

Suisun City Marina Redevelopment Project, Suisun City, CA

Mr. Munger conducted an environmental assessment, characterization and remediation of a 40-acre redevelopment. His innovative remediation methodologies resulted in savings of over \$75,000 to the city.

Builders Square/Home Quarters Site Assessment Project, throughout the United States

Mr. Munger was the Principal in charge of due diligence assessment of 95 commercial properties throughout the country within a one-month time frame.

Former Dry Cleaner Facility, San Ramon, CA

Mr. Munger managed characterization, monitoring and remediation of solvent contamination. His proactive approach to monitoring and characterization using rapid assessment techniques allowed developer to proceed with planned residential subdivision.

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Agrichemical Contamination, Brentwood, CA

Mr. Munger managed the characterization, statistical evaluation, and health risk assessment for this large-scale former orchard/row crop property. Statistical methodologies and risk evaluation resulted in expedited site closure allowing rezoning and residential construction. The estimated cost savings to the client was approximately \$250,000.

Select Foods Property, Hayward, CA

ENGEO conducted Phase One and Phase Two Environmental Site Assessments on the Select Foods manufacturing facility, which includes an educational facility with associated parking and a playground. The Phase Two Assessment was conducted on the property to address potential soil contamination associated with the past and present use of the property and the removal of five underground fuel tanks. We also provided services to determine if additional soil and groundwater studies were required before planning could continue.

Play Field Improvements, Closed Turk Island Landfill, Union City, CA

Mr. Munger was the Project Manager for this site consisting of approximately 46 acres of land proposed for recreational improvements to include play fields such as soccer and baseball fields and recreational trails. The site contained debris and municipal waste and was capped and considered "closed landfill" by the State of California. The scope of work included a review of available reports including literature and pertinent maps; subgrade requirements for synthetic play-field surfaces; a stability analysis for the placement of fill; geotechnical recommendations for site grading including fill placement criteria for the new cap and playfield surfaces; assess possible geological hazards in the general project area; and provide recommendations for treatment of geotechnical constraints, foundation recommendations, preliminary pavement design for parking areas, drainage considerations and utility trench backfill.

7th Street & East Taylor Street Project, San Jose, CA

ENGEO provided environmental consultation and field services during the removal of metal-impacted soil identified. ENGEO provided additional soil sampling and laboratory analysis services. Approximately 1,100 cubic yards of soil exceeding state hazardous waste criteria was found from the soil sampling and testing. Previous sampling and laboratory testing conducted identified elevated metal concentrations across several areas of the property.

Hacienda Avenue, Campbell, CA

Mr. Munger was the Principal in Charge providing a geotechnical exploration and a Phase Two Environmental Site Assessment for the proposed ± 7.5 -acre site consisting of 30 single-family residential homes. The geotechnical exploration included a geologic hazards assessment, field exploration, preparation of site development recommendations and a geotechnical design report. The assessment update included a review of the operations, maintenance and hazardous materials management practices, with an evaluation of their potential to adversely impact the site soil and groundwater. In addition, the phase two environmental services addressed the potential environmental impacts of the former orchards and dry cleaners.

Southern Pacific Property - Park Sierra Residential Development, Scarlett Drive/Dougherty Road, Dublin CA

ENGEO performed a Phase One and Phase Two Environmental Site Assessment for the former Southern Pacific property located along the railway corridor between the northern end of the current Scarlett Drive extending northwest across Dougherty Road (*within proposed Scarlett Drive Extension area*). This area has since been developed as a residential subdivision. Work included a review of past management practices associated with the Southern Pacific operation and a review of environmental data compiled for the abutting Camp Parks site. Phase Two work included recovery of soil and groundwater samples along the SP right of way, adjacent to the existing Kinder Morgan petroleum pipeline.

Camp Parks Fire Station, Dublin, CA

ENGEO performed a Phase One Environmental Site Assessment Update for the proposed Camp Parks Fire Station. The assessment included a review of the operations, maintenance and hazardous materials management practices, with an evaluation of their potential to adversely impact the site soil and groundwater.

Dublin Ranch, Dublin, CA

ENGEO performed a Phase One Environmental Site Assessment Update for Phase I – Tract 6956 of the Dublin Ranch subdivision. The assessment included a review of the operations, maintenance and hazardous materials management practices, with an evaluation of their potential to adversely impact the site soil and groundwater.

Valley Plaza, Pleasanton, CA

In 2003, Mr. Munger provided an update to ENGEO's previous environmental site assessment (ESA) from 1998 for this combined retail and residential site. After a review of the previous report, Mr. Munger directed a new reconnaissance of the property and was able to document, within the final report, comparative data from each ESA and, finally, identified potential environmental concerns for the property.

3rd & Connolly Utility Corridor, Mare Island, CA

Mr. Munger provided Principal oversight. ENGEO monitored demolition and soil excavation activities required to prepare for construction of a 300 – foot water and sewer utility corridor along Connelly Street between 3rd Street and Azuar Street for indications of chemical contaminants. The utility corridor, which will service planned residential development on Mare Island, lies adjacent to historic and large facilities that supported the Department of Navy operation of the former Mare Island Shipyard. Plans to excavate the corridor included geotechnical evaluation of trenching to protect the adjacent facilities, geotechnical evaluation of trench backfill to protect against settlement within the future street alignment and environmental evaluation to identify, classify and document to presence of soil contaminants. The environmental consideration was necessary to fulfill the obligations of the identified responsible parties.

Existing/former improvements within the alignment included water and steam pipelines, a former fuel oil pipeline (FOPL), natural gas lines and an industrial waste water line. In addition,

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a previous fuel island, hydraulic hoists and two underground storage tanks were associated with Buildings 637 and 811. The zones of impacted soil removal were delineated within an approximate 9,300 square foot footprint area and extend to depths from 5 to 10½ feet below existing grade.