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Environmental Health

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May 5, 2011

Alameda County Environmental Health Hazardous Materials Division 1131 Harbor Bay Parkway Alameda, California 94502

Re:

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Case #2737

Former Impulse Motors 1210 Bockman Road San Lorenzo, California

To Whom It May Concern:

In Town Communities, LLC, a California limited liability company and subsidiary of Olson Urban Housing, LLC, a Delaware corporation doing business as The Olson Company, hereby submits the enclosed *Phase I Environmental Site Assessment* dated November 18, 2004 ("ESA") prepared by Stantec Consulting Corporation ("Stantec"). The ESA is for the former Impulse Motors site located at 1210 Bockman Road, in the City of San Lorenzo, California.

I certify under penalty of perjury that the referenced ESA and all attachments and supplemental information and recommendations contained in the enclosed ESA is true and correct to the best of my knowledge.

Very truly yours,

Michael Úgar

Vice President, Operations

Enclosures as stated

PHASE I ENVIRONMENTAL SITE ASSESSMENT

1210-1415 Bockman Road San Lorenzo, California

Prepared for: The Olson Company

November 18, 2004

SECOR Job No. 040T.29215.61

November 18, 2004

Mr. Phil Kerr
The Olson Company
3130 Crow Canyon Place, Suite 210
San Ramon, California 94583

RE: PHASE I ENVIRONMENTAL SITE ASSESSMENT

1210-1415 Bockman Road San Lorenzo, California

SECOR Job No.:04ot.29215.61

Dear Mr. Kerr:

At the request and authorization of The Olson Company, SECOR International Incorporated (SECOR) has completed a Phase I Environmental Site Assessment (ESA) of the property located at 1210-1415 Bockman Road in the City of San Lorenzo, California (the Site). This Phase I ESA was conducted in accordance with the scope of work and terms contained in the Master Consulting Services Agreement dated November 28, 2001 between The Olson Company and SECOR, and ASTM Practice E1527-00. The following Executive Summary outlines SECOR's findings and recommendations. Please read the report for a comprehensive accounting of investigative results.

EXECUTIVE SUMMARY

The Site is located on the north and south sides of Bockman Road between Via Chiquita and Via Del Ray in San Lorenzo, California. The approximately 6.8 acres of property is addressed as 1210 through 1415 Bockman Road.

The Site is located in a residential and commercial area of San Lorenzo, California (see Figure 1). The Site is bordered to the north, northeast, south, and west by single family residences. The Site is bordered to the southeast by Via Chiquita followed by single family residences. Bockman Road runs east-west through the Site and bisects it into northern and southern portions. The Site is located approximately one and a half miles northeast of the San Francisco Bay and approximately three-quarters of a mile northwest of Hayward Airport. A photographic log of Site conditions is located in Appendix A.

Other than randomly scattered debris located throughout the property, SECOR did not observe any improper discharge onto the Site. SECOR recommends removing the debris prior to Site redevelopment.

Several high voltage transformers were located on the Site. Two pole-mounted transformers were observed along the northern boundary of the Site and another was observed along Bockman Road, north of the Impulse Motors BP facility. A pad-mounted transformer was observed in the outside storage area adjacent to the southern strip mall structure. All of these transformers appeared to be in good condition with no observable leakage at the time of Site reconnaissance. There is a potential these transformers could contain PCBs. Based on the absence of any leakage no further assessment is recommended. Prior to demolition it is recommended the transformers be removed and disposed of in accordance with applicable regulations.

SECOR had Environmental Data Resources, Inc. (EDR) to conduct a detailed review of the street directories for the subject property. A copy of this search is included in Appendix B. This search was completed to evaluate if businesses of concern like a dry cleaners was ever present in the commercial centers on the property. That search was only able to determine occupancy back to 1990, due to no listing prior to that date. No businesses of concern were found back to that point in time. SECOR was not able to confirm that a dry cleaners was never present on the property by available information. Therefore, there is a potential that one may have existed on the property and present a potential recognized environmental conditions (RECs). To evaluate if a release has occurred SECOR would recommend collection of groundwater samples (given the presence of shallow groundwater, approximately 7 feet below ground surface) down gradient from the structures where a dry cleaners may have existed to determine if a source might exist.

SECOR contracted with EDR to review databases maintained by various federal and state environmental agencies (attached as Appendix B). Based on the information collected from this investigation, SECOR has not identified any RECs associated with adjacent properties.

SECOR personnel identified the following RECs on the subject property that will warrant further assessment:

• Impulse Motors, located at 1210 Bockman Road and on the Site, is listed as an active UST facility. On April 14, 2004, three USTs were removed. ACC Environmental Consultants (ACC) of Oakland, California, was contracted to perform the necessary soil and groundwater sampling relating to the removal of the USTs. ACC submitted a closure report discussing these activities to the County of Alameda Department of Environmental Health on June 15, 2004 (attached in Appendix C). ACC's report indicated that soil samples collected from the excavated side walls near the former USTs reported concentrations below laboratory reporting limits. Elevated petroleum hydrocarbon levels, however, were detected in the soils beneath the fuel dispensers and pipes. Due to the contaminant levels found upon UST removal and summarized in Table 1, SECOR recommends further investigation of soils near the former fuel dispenser locations at 1210 Bockman Road in order to delineate the lateral and vertical extent of contamination. SECOR also recommends further investigation of the soils beneath the former USTs at this facility, whereas the samples collected by ACC were obtained from the excavations side walls and not from beneath the former USTs where undetected contamination may be present.

SECOR personnel also identified one former underground hydraulic lift and a drainage sump within the facility. SECOR recommends further assessment of the hydraulic lift and drainage sump areas at this facility to determine if potential historic leaks have affected site soils at concentrations what would require further assessment or clean up.

• C&D Auto Repair, located at 1415 Bockman Road and on the Site, is not listed under any searched databases in the EDR report. Records obtained from the County of Alameda Department of Environmental Health indicate that this facility does not have an active UST, but that it does have an oil-water separator tank in the garage floor. Records also indicate that the facility stores waste oil and waste antifreeze in 110 gallon and 55 gallon containers, respectively. Due to Site access restrictions at the time of Site reconnaissance, SECOR personnel only performed a visual inspection of the exterior of

this facility. Asphalt patch-work observed in front of this facility indicated the former location of an island, possibly a fuel dispensing location. No records were obtained from any agency, however, which indicated that the facility had once been a fueling station. SECOR recommends further investigation into the historical uses and present interior operations of this facility. SECOR recommends a limited subsurface investigation of the soils beneath the potential former fuel dispensing location. SECOR also recommends further inspection of the interior of this facility to locate the oil-water separator and any existing or former underground hydraulic lifts (or other RECs) as well as the subsequent subsurface investigation of soils adjacent to these features if present.

- Based on the historical research and review of available documents (aerial photographs, see Section 5.0) SECOR determined that the Site had been used for agricultural purposes prior to the late 1950's. Therefore, the potential exists for the presence residual pesticides in the surface soils on the property. To evaluate if the residual concentrations are at levels of concern, SECOR recommends soil sampling and analysis to determine if detected compounds are present above health risk criteria or hazardous waste levels.
- According to the EDR report, groundwater monitoring well data within a one mile radius indicates that groundwater is expected to be encountered at a depth of approximately 5-20 feet below the ground surface. Due to this relatively shallow groundwater depth, SECOR recommends sampling the groundwater beneath the Site, specifically beneath the former fuel dispensers and USTs at 1210 Bockman Road and the former fuel dispenser island at 1415 Bockman Road, for possible petroleum hydrocarbon contamination.

Although not considered RECs, the following issues should be taken into consideration:

- Given the pre-1978 construction of all of the onsite structures, lead based paint (LBP)
 may have been utilized. Thus, SECOR recommends a comprehensive, EPA/HUD-level
 LBP survey prior to demolition activities which may disturb any lead paint present.
- Given the pre-1978 construction of all of the onsite structures, asbestos containing materiais (ACMs) may have been utilized. SECOR understands that future Site demolition is planned. Thus, SECOR recommends the completion of a complete AHERA level pre-demolition asbestos survey prior to demolition.

Except as listed above, no other RECs were identified by this Phase I ESA.

It has been a pleasure to provide these services for you, and we look forward to working with you in the future. Should there be any questions concerning the information contained in the following report, please contact the undersigned at (909) 335-6116.

Respectfully submitted,

SECOR International Incorporated

Justin Hone

Staff Geologist

Kyle D. Emerson, CEG-1271

Senior Vice President

Mr. Phil Kerr November 18, 2004 Page 4

Mr. Preston Brooks cc:

Cox, Castle, Nicholson LLP 2049 Century Park East, 28th Floor Los Angeles, California 90067

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APPENDICES

Appendix A - Site Photographs

Appendix B - Environmental Data Resources Database Report

1.0 INTRODUCTION

1.1 OBJECTIVE

The purpose of this Phase I Environmental Assessment is to identify recognized environmental conditions (RECs) in connection with the Property. The term 'recognized environmental conditions', or RECs as defined in ASTM Standard Practice E1527-00, means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, 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, even if those substances are present under conditions in compliance with environmental laws.

1.2 SCOPE OF WORK

This assessment has been performed in a manner which complies with requirements of The Olson Company's Master Consulting Service Environmental Consulting Agreement protocols for Phase I ESAs dated November 28, 2001, and ASTM Standard Practice E1527-00. The scope of services did not include an assessment of overall environmental regulatory compliance, any subsurface investigation (including soil or groundwater sampling, exploratory boreholes or other investigative techniques to quantify potentially identified hazardous materials), and asbestos, lead-based paint, mold, or radon gas surveys.

2.0 SITE DESCRIPTION

2.1 LOCATION AND STATISTICS

The Site is located on the north and south sides of Bockman Road between Via Chiquita and Via Del Ray in San Lorenzo, California. The approximately 6.8 acres of property on the Site is addressed as 1210 through 1415 Bockman Road.

Property statistics:

Assessor Parcel Numbers: 411-0069-001-01, 411-0069-001-02, 411-0063-017

Current site owners: Christopher Wallace et al.

2.2 SITE AND VICINITY CHARACTERISTICS

The Site is located in a residential and commercial area of San Lorenzo, California (see Figure 1). The Site is bordered to the north, northeast, south, and west by single family residences. The Site is bordered to the southeast by Via Chiquita followed by single family residences. Bockman Road runs east-west through the Site and bisects it into northern and southern portions. The Site is located approximately one and a half miles northeast of the San Francisco Bay and approximately three-quarters of a mile northwest of Hayward Airport.

2.3 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER RELEVANT IMPROVEMENTS ON THE SITE

Improvements on the Site include two single-story commercial strip mall structures and two automobile service structures (see Figure 2). The southern portion of the Site is occupied by one of the strip mall structures and Impulse Motors BP, an auto service station and former gas station. The northern portion of the Site is occupied by a second strip mall structure and C&D Auto Repair, a second auto repair facility. The remainder of the Site consists of asphalt parking areas along the Bockman Road frontage and fenced in asphalt and dirt areas behind the structures. Bockman Road, a two-lane road running east-west, bisects the Site into northern and southern sections.

2.4 ENVIRONMENTAL LIENS

SECOR, during the course of this due diligence investigation, did not uncover any environmental liens on the Site.

2.5 CURRENT PROPERTY USE

The Site is currently occupied by several commercial businesses including auto service facilities, thrift stores, a grocery, a liquor store, hair salon, and restaurants. Further Site description is provided in Section 3.0 of this report.

3.0 PROPERTY RECONNAISSANCE

SECOR performed a reconnaissance of the Site on August 16, 2004. Mr. Phil Kerr of The Olson Company granted access to the Site, but was not present during the Site walk. Weather conditions during the reconnaissance were sunny, and no weather related restrictions were encountered.

The purpose of the reconnaissance was to identify existing conditions and land uses that may suggest potential environmental impacts to the Site. Such conditions, to the extent visible and accessible, include storage, disposal, and treatment of solid and/or hazardous waste, storage tanks and other chemical containers, odors, pools of liquid, staining, drains, sumps, pits, ponds, lagoons, septic systems, wells, unusual soil disturbance, stressed vegetation, and electrical transformers.

Field notes of the property reconnaissance are detailed further in the remainder of this report. Photographs taken of the Site during the reconnaissance are included in Appendix A.

3.1 INTERIOR PROPERTY OBSERVATIONS

The southern portion of the Site is occupied by one of the strip mall structures and Impulse Motors BP, an auto service station and former gasoline service station. Several RECs were identified at this location as discussed in section 3.3 and below. The strip mall located in this southern portion of the Site is occupied by the following businesses with address numbers on Bockman Road: 1242 – 'Pacific Foods Grocery,' 1294 – Thrift Store, 1340 – Gym, 'Reptile Room,' 'Eva Nails,' 1348 – Hair Salon, 1360 – vacant, and 1366 – 'Bockman Liquor.' Other than the potential existence of lead-based paint (LBP) and asbestos containing materials (ACMs) in the strip-mall building materials (see Sections 3.5 and 3.6), no RECs were observed in the strip mall portion of the property by SECOR at the time of the site reconnaissance.

The northern portion of the Site is occupied by a second strip mall structure and C&D Auto Repair, a second auto repair facility. As discussed in section 3.3 and below, the potential for former UST and dispenser islands, oil storage were identified as an REC that will require further assessment. The strip mall located in this northern portion of the Site is occupied by the following businesses with address numbers on Bockman Road: 1245 – 'Iron Gate Bar,' 1269 – 'Sound Tech,' 1293 – 'Thrift Store,' 1311 – vacant, 1349 – Chinese Restaurant, 1353 – Bar, 1367 – 'San Lorenzo Moose Lodge,' 1391-95 – vacant, 1399 – 'Top Hair and Nails,' and 1403 – 'Café San Lorenzo.' Other than the potential existence of lead-based paint (LBP) and asbestos containing materials (ACMs) in the strip-mall building materials (see Sections 3.5 and 3.6), no environmental concerns associated with the strip mall portion of the property as observed by SECOR at the time of the site reconnaissance.

SECOR personnel observed the interior of the Impulse Motors BP auto service facility, located along the eastern border of the Site. The structure consists of an office, three auto bays, and an outdoor awning with former fuel dispenser islands. SECOR personnel identified one former underground hydraulic lift and a drainage sump within the facility. SECOR recommends further assessment of the hydraulic lift and drainage sump areas at this facility and the potential contamination of surrounding soils during the course of their operation in the past.

SECOR personnel observed only the exterior of the C&D Auto Repair facility located along the western border of the Site, at the request of the client to be discrete. The structure consists of an office and a single large auto bay with a two-car capacity. A former possible fuel dispenser island was also observed in front of the structure. SECOR personnel did not enter the facility as Site access was not granted at the time of Site reconnaissance. SECOR recommends further assessment of the possible existence of hydraulic lifts at this facility and the potential contamination of surrounding soils during the course of their operation in the past.

All of the Site structures were originally constructed sometime before 1958 (based on aerial photographs, see Section 5.1 for further details). SECOR requested a records search for the Site from the County of Alameda Building and Planning Departments, neither of which had indicated any records were on file by the time of writing this report.

3.2 EXTERIOR PROPERTY OBSERVATIONS

Areas not occupied by commercial structures primarily consist of asphalt paved parking areas along the Bockman Road frontage. Behind the strip mall structures were areas of asphalt and dirt, fenced in by chain link. These areas appeared to be used for storage and delivery associated with the businesses which occupied the structures.

Several high voltage transformers were located on the Site. Two pole-mounted transformers were observed along the northern boundary of the Site and another was observed along Bockman Road, north of the Impulse Motors BP facility. A pad-mounted transformer was observed in the outside storage area, immediately east of the southern strip mall structure. All of these transformers appeared to be in good condition with no observable leakage at the time of Site reconnaissance. Given the age of these transformers there is a potential they may contain PCBs. SECOR recommends that the transformers be properly disposed of at the time of demolition. Based on the lack of any visible staining around the transformers no further assessment is recommended.

No surface staining or discolored soil was observed on the Site.

3.2.1 Surface Drainage

Storm water runoff from the Site flows southwest towards the San Francisco Bay, following a slight slope in topography in this direction. No evidence of improper discharge from the Site was observed during SECOR's Site reconnaissance.

3.2.2 Surface Water

No surface water was visually identified at the property.

3.2.3 Exterior Hazardous Materials Storage Areas

No exterior hazardous material storage areas were visually identified at the property.

3.2.4 Exterior Subsurface Structures

No existing subsurface structures were identified during the Site reconnaissance.

3.3 STORAGE TANKS

No existing aboveground storage tanks (ASTs) or underground storage tanks (USTs) were observed at the Site during SECOR's Site reconnaissance.

A review of a regulatory agency database search for the property and surrounding area performed by Environmental Data Resources (EDR) and a file review of records held by the County of Alameda Department of Environmental Health indicated the historical presence of ASTs or USTs at the Site.

Impulse Motors, located at 1210 Bockman Road and on the Site, is listed as an active UST facility. The facility once had two 4,000 gallon and one 6,000 gallon unleaded fuel USTs as well as one waste oil UST. According to County of Alameda Department of Environmental Health records, these tanks were removed in 1987 and replaced with double-walled USTs in accordance with state regulations. Three 10,000 gallon unleaded gasoline tanks were installed in 1987 (regular, plus, and super unleaded) west of the garage structure. On April 14, 2004, these three upgraded USTs were removed. ACC Environmental Consultants (ACC) of Oakland, California, was contracted to perform the necessary soil and groundwater sampling relating to the removal of the USTs and submitted a closure report to the County of Alameda Department of Environmental Health on June 15, 2004. This report is attached in Appendix C. The County of Alameda Department of Environmental Health file on this property contained no case closure records, which explains why the property remains an active facility on the UST database as searched by EDR.

ACC's report indicated that soil samples collected from the excavated side walls near the former USTs reported concentrations below laboratory reporting limits. Elevated petroleum hydrocarbon levels, however, were detected in the soils beneath the fuel dispensers and product pipes connecting the USTs to the dispensers. Table 1, attached at the end of the report, summarizes laboratory analysis of these samples and the corresponding levels of contamination.

Due to the high concentrations of contaminant found upon UST removal (summarized in Table 1), SECOR recommends further investigation of soils near the former fuel dispenser and piping locations at 1210 Bockman Road. The assessment is recommended to delineate the lateral and vertical extent of contamination above the site clean up levels anticipated for gasoline of 1,000 ug/kg in soil. SECOR also recommends further investigation of the soils beneath the former USTs at this facility, given the samples collected were not obtained from beneath the former USTs were peak contamination may be present.

C&D Auto Repair, located at 1415 Bockman Road and on the Site, is not listed under any searched databases in the EDR report. Records obtained from the County of Alameda Department of Environmental Health indicate that this facility does not have an active UST, but that it does have an oil-water separator tank in the garage floor. Records also indicate that the

facility stores waste oil and waste antifreeze in 110 gallon and 55 gallon containers, respectively.

Due to Site access restrictions at the time of Site reconnaissance, SECOR personnel only performed a visual inspection of the exterior of this facility. Asphalt patch-work observed in front of this facility indicated the former location of a gasoline dispenser island. No records were obtained from any agency, however, which indicated that the facility had once been a gasoline service station. SECOR recommends further investigation into the historical uses and present interior operations of this facility. SECOR recommends a limited subsurface investigation of the soils beneath the suspected former fuel dispensing location. SECOR also recommends further inspection of the interior of this facility to locate the oil-water separator and any existing or former underground hydraulic lifts (or other RECs) and subsequent subsurface investigation of soils adjacent to these features if present.

3.4 POLYCHLORINATED BIPHENYLS (PCBs)

Electrical transformers, hydraulic equipment capacitors, fluorescent light fixtures, and similar equipment may contain polychlorinated biphenyls (PCBs) in the hydraulic fluids or dielectric insulating fluids within the units. The federal Toxic Substances Control Act (TSCA) generally prohibited the domestic manufacture of PCBs after 1979. There is, however, potential that the dielectric fluid in electrical and hydraulic equipment manufactured and constructed prior to that date contains PCBs.

Several high voltage transformers were located on the Site. Two pole-mounted transformers were observed along the northern boundary of the Site and another was observed along Bockman Road, north of the Impulse Motors BP facility. A pad-mounted transformer was observed in the outside storage area adjacent to the southern strip mall structure. All of these transformers appeared to be in good condition with no observable leakage at the time of Site reconnaissance. No further investigation is recommended.

3.5 LEAD-BASED PAINT (LBP)

Lead is a pliable, soft metal that is used in the construction of pipes, rods, and containers. Before 1978, lead was a common ingredient in paint because it added strength, shine, and extended the life of the paint. In 1978 the EPA banned the use of lead pigments in paints used on interior and exterior residential surfaces. Lead poisoning can result from children having access to, and ingestion (by chewing) of lead-based paint covered surfaces. Inhalation of dust produced by normal oxidation, or scraping/sand-blasting of the paint, which may contain significant amounts of lead, is also a health hazard. The EPA/HUD action level for lead-based paint (LBP) is 0.5% dry weight.

Given the pre-1978 construction of all of the onsite structures, LBP may have been utilized. Thus, SECOR recommends a comprehensive, EPA/HUD-level Lead Based Paint survey prior to demolition activities which may disturb any lead paint present.

3.6 ASBESTOS CONTAINING MATERIALS (ACMs)

Asbestos is a common term for a group of naturally occurring mineral fibers. Due to its durability and insulating quality, it was used in a wide variety of building products, including structural fireproofing, pipe and duct insulation, plasters, roofing, floor tile, and linoleum. Adverse health effects have been associated with the inhalation of airborne asbestos fibers. The asbestos fibers that are tightly bound in building materials, however, do not represent an exposure hazard unless disturbed in such a way that releases airborne fibers (i.e., cutting, drilling, or sanding). By June of 1978, the U.S. Environmental Protection Agency (US EPA) had effectively banned the use of asbestos in building materials.

Given the pre-1978 construction of all of the onsite structures, asbestos containing materials (ACMs) may have been utilized. SECOR understands that future Site demolition is planned. Thus,

SECOR recommends the completion of a complete AHERA level pre-demolition ACM survey prior to demolition.

3.7 SOLID WASTE DISPOSAL ISSUES

With the exception of randomly scattered and wind blown debris located throughout the property, SECOR did not observe any improper discharge onto the Site. SECOR recommends removing the debris prior to Site redevelopment.

3.8 PESTICIDE ISSUES

Based on the historical research and review of available documents (aerial photographs, see Section 5.0) SECOR determined that the Site had been used for agricultural purposes prior to the late 1950's. Therefore, the potential exists for the presence residual pesticides in the surface soils on the property. To evaluate if the residual concentrations are at levels of concern, SECOR recommends soil sampling and analysis to determine if detected compounds are present above health risk criteria or hazardous waste levels.

3.9 **MOLD**

Fungi (the plural of fungus) is the biological term for molds, mildew, yeast, and mushrooms. Microfungi are the fungi most likely to affect buildings and are commonly found in bathrooms (i.e. Auerobasidium or Cladosporium), around windows (i.e. Caldosporium) and on drywall, baseboards, and carpet (i.e. Penicillium, Aspergillus, Chaetomium, or Stachybotrys), and in other locations of buildings and building systems. Microfungi are so small that they can only be seen when they are growing in visible colonies (with millions of spores) or with the aid of a microscope.

A mycotoxin (a substance produced by molds under certain conditions) is produced both inside the spores and on the surface of the spores and can cause a toxic response in humans when ingested, inhaled, or exposed to the skin. A mold spore, the reproductive part of the mold, can also cause allergic reactions.

Standing water and wet materials are breeding grounds for microorganisms such as bacteria and mold. Failure to remove contaminated materials and to reduce moisture and humidity can allow the unchecked growth of mold, causing damage to building materials and representing long-term health risks.

SECOR conducted a limited mold investigation during the Site reconnaissance that consisted of visual observation of exposed surfaces. No obvious mold-contaminated surfaces were noted during SECOR's Site inspection.

3.10 RADON GAS

Radon-222 (radon) is a naturally occurring gas that is prevalent in certain areas of the country. The US EPA has determined that exposure to 4.0 pCi/L of radon gas on a regular basis increases the risk of lung cancer. In 1990, the California Department of Health Services conducted a two-phase statewide radon survey. The first phase of the survey involved the selection of owner-occupied single-family dwellings which were monitored utilizing a short-term (two-day) radon detector.

Following sample collection, the detectors were sent to the EPA for analysis. In the second phase, 10 percent of the previous group was monitored with long-term (one year) radon detectors that were returned to the EPA for analysis.

The County of Alameda is located in an area designated as a Radon Zone Level 2, with a predicted average indoor screening level between 2 pCi/L and 4 pCi/L. However, the screening results for zip code 94580 where the Site is located, based on 6 samples tested, show an average first floor activity level of 0 pCi/L with 100 percent of the sites found to be less than 4 pCi/L. The information regarding the radon determinations is contained on page A-11 of the EDR report attached as Appendix B. Based on this data, it is considered unlikely that radon is present at levels of concern that would require further assessment at the Site.

3.11 ENVIRONMENTAL SETTING

3.11.1 Regional Geology and Hydrogeology

The Site is located in an area of recent alluvial fan deposits of Quaternary age. These deposits typically consist of tideland and floodplain deposits. Regionally, the Site and surrounding area is located northeast of the San Francisco Bay, the Santa Cruz Mountains, and the Pacific Ocean. The nearest active faults include the Hayward Fault and the San Andreas Fault (Peninsula) Zones, located approximately 2.5 miles northeast and 16 miles southwest, respectively, and the Calaveras Fault, located approximately 10 miles to the northeast.

The elevation of the Site is approximately 22 feet above mean sea level. The surface topography of the site has a minor slope toward the west-southwest at less than one percent. The surface runoff generally flows toward the San Francisco Bay, located approximately ½ mile southwest of the Site.

According to the EDR report, groundwater monitoring well data within a one mile radius indicates that groundwater is expected to be encountered at a depth of approximately 5-20 feet below the ground surface. The general groundwater flow direction is towards the west, in the direction of the San Francisco Bay. According to the EDR report, the Site is located within ¼ mile of a 500 year flood zone.

3.12 ADJACENT SITE RECONNAISSANCE

The Site is located within a single-family residential area in the City of San Lorenzo, California. According to the earliest available aerial photographs, the area was developed prior to 1939 with a mixture of scattered residences and agricultural land. By the late 1950's, the existing residential structures in the neighboring areas had been constructed. SECOR did not identify any RECs as a result of adjacent property reconnaissance.

4.0 PUBLIC RECORD REVIEW

4.1 ENVIRONMENTAL DATA RESOURCES REPORT

SECOR contracted with Environmental Data Resources, Inc. (EDR) to review databases maintained by various federal and state environmental agencies. The purpose of the review was to identify reported listings for the subject property or other properties in the vicinity. The reviewed databases included federal and State lists of known or suspected contaminated sites, known handlers or generators of hazardous waste, known waste disposal facilities and permitted underground storage tanks. The databases which were researched and the radius distances searched for each database, if applicable, include the following described below:

- California DTSC Annual Workplan (AWP). This database identifies known hazardous substance sites targeted for cleanup, one mile. Date of government version 06/01/04.
- Calsites Database (CAL-SITES). This database contains potential or confirmed hazardous substance release properties, one mile. Date of government version 06/01/04.
- Hazardous Waste and Substances Sites List (CORTESE). Source is the Cal EPA office of Emergency Information. The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF), and the Department of Toxic Substances Control (Cal-Sites), one-half mile. Date of government version 04/01/01;
- Underground Storage Tank (UST). This database lists active UST facilities gathered from the local regulatory agencies. Date of government version 07/12/04;
- Historical Underground Storage Tank (HIST-UST) database, one-quarter mile. Date of government version 10/15/90.
- Resource Conservation and Recovery Information System (RCRIS). Includes selective information
 on sites which generate, transport, store or treat hazardous waste as defined by the RCRA act.
 Date of government version 6/15/04;

The complete database listings prepared by EDR and a map showing the locations of listed sites relative to the subject property are presented in Appendix B. Due to poor or inadequate address information, 2 sites were unable to be mapped and reported. The results of SECOR's review of listed sites is summarized and discussed below:

THE SITE

Impulse Motors, located at 1210 Bockman Road and on the Site, is listed as an active UST facility. This address is cross-referenced as Vigars Bayside Mobil under the HAZNET and HIST UST databases. According to these databases, the facility once had two 4,000 gallon and one 6,000 gallon unleaded fuel USTs as well as one waste oil UST. According to County of Alameda Department of Environmental Health records, these tanks were removed in 1987 and replaced with double-walled USTs in accordance with State regulations. Three 10,000 gallon gasoline tanks were installed in 1987 (regular, plus, and super) west of the garage structure. On April 14, 2004, these three USTs were removed. ACC Environmental Consultants (ACC) of Oakland, California, was contracted to perform the necessary soil and groundwater sampling relating to the removal of the USTs and submitted a closure report to the County of Alameda Department of Environmental Health on June 15, 2004. ACC's report indicated that soil samples collected from the sidewalls of the former USTs excavation reported concentrations below laboratory reporting limits. Elevated petroleum hydrocarbon levels,

however, were detected in the soils beneath the fuel dispensers and product pipelines. These results are discussed further in Section 3.3.

The County of Alameda Department of Environmental Health file on this property contained no case closure records, which explains why the property remains an active facility on the UST database. Due to the contaminant levels found upon UST removal and summarized in Table 1 in appendix C, SECOR recommends further investigation of soils near the former fuel dispenser and pipeline locations at 1210 Bockman Road in order to delineate the lateral and vertical extent of contamination. SECOR also recommends further investigation of the soils beneath the former USTs at this facility, where soils samples were previously not collected.

SURROUNDING PROPERTIES

AWP

Known hazardous waste sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup. Hayward Army Airfield, located at 20301 Skywest Drive, is listed under the AWP database and cross-referenced under the CAL-SITES database. The site is located approximately 1 mile southeast of the Site at a higher elevation. The site is listed as having an active annual workplan with no reported violations. Due to distance from the Site and status, SECOR considers this site unlikely to environmentally impact the Site.

CORTESE

This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with Underground Storage Tanks (USTs) having a reportable release, and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information. A review of the CORTESE database has revealed that there are 2 sites within one-half mile of the Site.

Al Maples Auto Service is located approximately ½ mile east of the Site at 790 Bockman Road. This site is up-gradient from the Site and cross-referenced under the Cortese and FINDS databases. The site is listed as having no violations. Due to status and distance, it is considered unlikely that this site has environmentally impacted the Site.

The ARCO facility of 17200 Via Magdalena is located approximately one-half mile up-gradient from the Site. This site is not cross-referenced in any other searched databases. Given the distance from the Site and no reported violations, this site is considered unlikely to environmentally impact the Site.

RCRIS-SQG

Resource Conservation and Recovery Information System – Small Quantity Generators. Includes selective information on sites which generate, transport, store or treat hazardous waste as defined by the RCRA act. One site was listed under this database. Al Maples Auto Service is located approximately ½ mile east of the Site at 790 Bockman Road. This site is up-gradient from the Site and cross-referenced under the Cortese and FINDS databases. The site is listed as having no violations. Due to status and distance, it is considered unlikely that this site has environmentally impacted the Site.

CAL-SITES

This database contains potential or confirmed hazardous substance release properties within one mile of the Site. One site is listed under this database. Hayward Army Airfield, located at 20301 Skywest Drive, is listed under the AWP database and cross-referenced under the CAL-SITES database. The site is located approximately 1 mile southeast of the Site at a higher elevation. The site is listed as having an active annual workplan with no reported violations. Due to distance from the Site and status, SECOR considers this site unlikely to environmentally impact the Site.

4.2 CITY, COUNTY, AND STATE RECORDS REVIEW

4.2.1 County of Alameda Department of Environmental Health

Upon request, the County of Alameda Department of Environmental Health furnished SECOR with documentation relating to two addresses located on the Site. This documentation included records on the two auto service facilities located on the Site at 1210 and 1415 Bockman Road.

Impulse Motors, located at 1210 Bockman Road and on the Site, is listed as an active UST facility. The facility once had two 4,000 gallon and one 6,000 gallon unleaded fuel USTs as well as one waste oil UST. According to County of Alameda Department of Environmental Health records, these tanks were removed in 1987 and replaced with double-walled USTs in accordance with State regulations. Three 10,000 gallon unleaded gasoline tanks were installed in 1987 (regular, plus, and super unleaded) west of the garage structure. On April 14, 2004, these three USTs were removed. ACC Environmental Consultants (ACC) of Oakland, California, was contracted to perform the necessary soil and groundwater sampling relating to the removal of the USTs and submitted a closure report to the County of Alameda Department of Environmental Health on June 15, 2004. ACC's report indicated that soil samples collected from underneath the former USTs reported concentrations below laboratory reporting limits. Elevated petroleum hydrocarbon levels, however, were detected in the soils beneath the fuel dispensers and pipes. This report is attached in Appendix C. The analytical results found during this tank closure report are further discussed in Section 3.3. The County of Alameda Department of Environmental Health file on this property contained no case closure records, which explains why the property remains an active facility on the UST database.

Due to the contaminant levels found upon UST removal and summarized in Table 1 of appendix C, SECOR recommends further investigation of soils near the former fuel dispenser and pipeline locations at 1210 Bockman Road in order to delineate the lateral and vertical extent of contamination. SECOR also recommends further investigation of the soils beneath the former USTs at this facility.

C&D Auto Repair, located at 1415 Bockman Road and on the Site, is not listed under any searched databases in the EDR report. Records obtained from the County of Alameda Department of Environmental Health indicate that this facility does not have an active UST, but that it does have an oilwater separator tank in the garage floor. Records also indicate that the facility stores waste oil and waste antifreeze in 110 gallon and 55 gallon containers, respectively. Due to Site access restrictions at the time of Site reconnaissance, SECOR personnel only performed a visual inspection of the exterior of this facility. Asphalt patch-work observed in front of this facility indicated the former location of a gasoline dispenser island. No records were obtained from any agency, however, which indicated that the facility had once been a gasoline service station. SECOR recommends further investigation into the historical uses and present interior operations of this facility. SECOR recommends a limited subsurface investigation of the soils beneath the potential former fuel dispensing location. SECOR

also recommends further inspection of the interior of this facility to locate the oil-water separator and any existing or former underground hydraulic lifts (or other RECs) as well as the subsequent subsurface investigation of soils adjacent to these features if present.

4.2.2 County of Alameda Public Works Agency

SECOR requested copies of County of Alameda Public Works Agency records available for the Site. This Agency houses the county's Building, Planning, and Development offices. According to Agency personnel, records on file indicate "effective" build dates of 1956 and 1960 for 1294 and 1210 Bockman Road, respectively. In actuality, these dates correspond to the earliest records on file and the structures may have been constructed earlier. Aerial photographs (see Section 5.0) indicate that 1210 Bockman Road was, indeed, erected prior to 1960. No records were on file for 1415 Bockman Road. No records for any earlier developments or improvements on the Site were furnished to SECOR.

4.2.3 California Regional Water Quality Control Board (CRWQCB)

SECOR requested any records pertaining to the Site from the California Regional Water Quality Control Board (RWQCB), San Francisco Bay Region. RWQCB personnel indicated that they had no files on record for the Site.

4.2.4 California Division of Oil and Gas (DOG)

SECOR reviewed California Department of Conservation Division of Oil and Gas (DOG) map No. W3-10 to determine if the subject property is located in a mapped oil or natural gas field. According to the map, there are no current or former oil or gas wells within a 1 mile radius of the Site.

5.0 HISTORICAL RECORDS REVIEW

SECOR developed an understanding of past use of the property through research of the following available information resources.

5.1 AERIAL PHOTOGRAPHIC REVIEW

Aerial photographs for the property and surrounding areas were obtained from EDR to evaluate historical use of the Site and adjacent properties. The photographs were also reviewed to evaluate any discernible evidence of potential sources of negative environmental impact at the Site. The general activity on a property and land use changes can often be discerned from the type and layout of structures visible in aerial photographs and maps; however, specific elements of a site operation cannot normally be determined.

The following aerial photographs of the Site and surrounding areas were examined during SECOR's historical investigations.

1. Photographer: Fairchild

Date: 1939 Scale: 1":555'

The Site and adjacent properties appear to be used for agricultural purposes in this photograph. Bockman Road appears to be in its existing location. Residences, most likely farm houses, are scattered throughout the agricultural areas.

2. Photographer: Jack Ammann

Date: 1946 Scale: 1":655'

This photograph shows the Site and adjacent properties to be similar to the 1939 photograph. A residential area appears to have been developed north of the Site and the Hayward Air Field appears to the south of the Site.

3. Photographer: Cartwright

Date: 1958 Scale: 1":555'

The Site appears to be developed with the existing structures – two large commercial structures (strip malls) in the north and south portions of the Site and two small commercial structures (auto facilities) in the east and west portions of the Site. The existing awning structure at 1210 Bockman Road (Impulse Motors) is not present in this photograph. Two concrete islands, possibly fuel dispensing locations, are pictured in front of both auto service facilities. A school appears approximately two blocks southwest of the Site. The surrounding areas appear to be predominantly developed with residential structures with scattered commercial structures. Limited agricultural properties, several thousand feet north of the Site, appear in this photograph.

4. Photographer: Cartwright

Date: 1965 Scale: 1":333'

The Site and surrounding properties appear similar to the previous photograph.

5. Photographer: WSA

Date: 1982 Scale: 1":690'

The Site and surrounding properties appear similar to the previous photograph. The existing awning structure at 1210 Bockman Road (Impulse Motors) appears in this photograph. A golf course appears south of the Site, between the Hayward Air Field and residential areas.

6. Photographer: USGS

Date: 1993 Scale: 1":666'

The Site and surrounding properties appear similar to the previous photograph.

SECOR's interpretation of historical aerial photographs shows the Site was used for agricultural purposes from prior to 1939 until sometime between 1946 and 1958. The Site has been occupied by the existing commercial structures from prior to 1958 to the present. Adjacent properties are developed with predominantly single family residential structures. No potential Site impact from adjoining properties was identified in SECOR's review of historical aerial photographs.

5.2 HISTORICAL TOPOGRAPHIC MAPS

SECOR reviewed eight historical topographic maps dated 1899, 1942, 1948, 1959, 1968 (Photo revised 1959), 1973 (Photo revised 1959), 1980 (Photo revised 1959), and 1993. The early maps show the Site as lacking structures and positioned upon a gently west-southwest sloping alluvial fan adjacent to San Francisco Bay. The surrounding roads and neighborhoods appear in their existing locations in the 1959 map. These maps also show elevation to be approximately 15 to 20 feet above mean sea level at the Site. No oil wells, storage tanks, rowed crop vegetation or other environmentally related symbols are noted on the Site. No environmental concerns were identified as a result of SECOR's review of historical topographic maps.

5.3 FIRE INSURANCE MAPS

Sanborn Fire Insurance maps of the property and surrounding areas were requested from EDR to evaluate historical usage of the Site and adjacent properties. According to EDR's records, one Sanborn map exists for the Site or Site vicinity. The map, dated March 1962, depicts the Site and surrounding areas very similar to existing conditions. All four structures on the Site are shown in their existing locations and the surrounding areas are developed with single family residences. SECOR did not observe any hereto unidentified RECs on the Sanborn Fire Insurance map.

5.4 FORMER ENVIRONMENTAL REPORTS

ACC Environmental Consultants (ACC) of Oakland, California, was contracted to perform the necessary soil and groundwater sampling relating to the removal of the USTs at 1210 Bockman Road and submitted a closure report to the County of Alameda Department of Environmental Health on June 15, 2004. ACC's report indicated that soil samples collected from underneath the former

USTs reported concentrations below laboratory reporting limits. Elevated petroleum hydrocarbon levels, however, were detected in the soils beneath the fuel dispensers and pipes. This report is further discussed in Section 3.3. This report is attached in Appendix C.

5.5 HISTORICAL CITY STREET DIRECTORIES

Environmental Data Resources (EDR) researched available City Directory sources that were available from 1970 through 2004 for the Site addresses. According to EDR, no addresses for the Site were listed until 1990 in the Haines Criss-Cross Directory. No drycleaner facilities were listed in records provided.

SECOR was not able to confirm that a dry cleaners was never present on the property by available information. Therefore, there is a potential that one may have existed on the property and present a potential REC. To evaluate if a release has ever occurred SECOR would recommend collection of groundwater samples (given the presence of shallow groundwater, approximately 7 feet below ground surface) down gradient from the structures where a dry cleaners may have existed to determine if a source might exist.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Site is located on the north and south sides of Bockman Road between Via Chiquita and Via Del Ray in San Lorenzo, California. The approximately 6.8 acres of property is addressed as 1210 through 1415 Bockman Road.

The Site is located in a residential and commercial area of San Lorenzo, California (see Figure 1). The Site is bordered to the north, northeast, south, and west by single family residences. The Site is bordered to the southeast by Via Chiquita followed by single family residences. Bockman Road runs east-west through the Site and bisects it into northern and southern portions. The Site is located approximately one and a half miles northeast of the San Francisco Bay and approximately three-quarters of a mile northwest of Hayward Airport. A photographic log of Site conditions is located in Appendix A.

Other than randomly scattered debris located throughout the property, SECOR did not observe any improper discharge onto the Site. SECOR recommends removing the debris prior to Site redevelopment.

Several high voltage transformers were located on the Site. Two pole-mounted transformers were observed along the northern boundary of the Site and another was observed along Bockman Road, north of the Impulse Motors BP facility. A pad-mounted transformer was observed in the outside storage area adjacent to the southern strip mall structure. All of these transformers appeared to be in good condition with no observable leakage at the time of Site reconnaissance. There is a potential these transformers could contain PCBs. Based on the absence of any leakage no further assessment is recommended. Prior to demolition it is recommended the transformers be removed and disposed of in accordance with applicable regulations.

SECOR had Environmental Data Resources, Inc. (EDR) to conduct a detailed review of the street directories for the subject property. A copy of this search is included in Appendix B. This search was completed to evaluate if businesses of concern like a dry cleaners was ever present in the commercial centers on the property. That search was only able to determine occupancy back to 1990, due to no listing prior to that date. No businesses of concern were found back to that point in time. SECOR was not able to confirm that a dry cleaners was never present on the property by available information. Therefore, there is a potential that one may have existed on the property and present a potential recognized environmental conditions (RECs). To evaluate if a release has occurred SECOR would recommend collection of groundwater samples (given the presence of shallow groundwater, approximately 7 feet below ground surface) down gradient from the structures where a dry cleaners may have existed to determine if a source might exist.

SECOR contracted with EDR to review databases maintained by various federal and state environmental agencies (attached as Appendix B). Based on the information collected from this investigation, SECOR has not identified any RECs associated with adjacent properties.

SECOR personnel identified the following RECs on the subject property that will warrant further assessment:

• Impulse Motors, located at 1210 Bockman Road and on the Site, is listed as an active UST facility. On April 14, 2004, three USTs were removed. ACC Environmental Consultants (ACC) of Oakland, California, was contracted to perform the necessary soil and groundwater sampling relating to the removal of the USTs. ACC submitted a closure report discussing these activities to the County of Alameda Department of Environmental Health on June 15, 2004 (attached in Appendix C). ACC's report indicated that soil samples collected from the excavated side walls near the former

USTs reported concentrations below laboratory reporting limits. Elevated petroleum hydrocarbon levels, however, were detected in the soils beneath the fuel dispensers and pipes. Due to the contaminant levels found upon UST removal and summarized in Table 1, SECOR recommends further investigation of soils near the former fuel dispenser locations at 1210 Bockman Road in order to delineate the lateral and vertical extent of contamination. SECOR also recommends further investigation of the soils beneath the former USTs at this facility, whereas the samples collected by ACC were obtained from the excavations side walls and not from beneath the former USTs where undetected contamination may be present.

SECOR personnel also identified one former underground hydraulic lift and a drainage sump within the facility. SECOR recommends further assessment of the hydraulic lift and drainage sump areas at this facility to determine if potential historic leaks have affected site soils at concentrations what would require further assessment or clean up.

- C&D Auto Repair, located at 1415 Bockman Road and on the Site, is not listed under any searched databases in the EDR report. Records obtained from the County of Alameda Department of Environmental Health indicate that this facility does not have an active UST, but that it does have an oil-water separator tank in the garage floor. Records also indicate that the facility stores waste oil and waste antifreeze in 110 gallon and 55 gallon containers, respectively. Due to Site access restrictions at the time of Site reconnaissance, SECOR personnel only performed a visual inspection of the exterior of this facility. Asphalt patch-work observed in front of this facility indicated the former location of an island, possibly a fuel dispensing location. No records were obtained from any agency, however, which indicated that the facility had once been a fueling station. SECOR recommends further investigation into the historical uses and present interior operations of this facility. SECOR recommends a limited subsurface investigation of the soils beneath the potential former fuel dispensing location. SECOR also recommends further inspection of the interior of this facility to locate the oil-water separator and any existing or former underground hydraulic lifts (or other RECs) as well as the subsequent subsurface investigation of soils adjacent to these features if present.
- Based on the historical research and review of available documents (aerial photographs, see Section 5.0) SECOR determined that the Site had been used for agricultural purposes prior to the late 1950's. Therefore, the potential exists for the presence residual pesticides in the surface soils on the property. To evaluate if the residual concentrations are at levels of concern, SECOR recommends soil sampling and analysis to determine if detected compounds are present above health risk criteria or hazardous waste levels.
- According to the EDR report, groundwater monitoring well data within a one mile radius indicates that groundwater is expected to be encountered at a depth of approximately 5-20 feet below the ground surface. Due to this relatively shallow groundwater depth, SECOR recommends sampling the groundwater beneath the Site, specifically beneath the former fuel dispensers and USTs at 1210 Bockman Road and the former fuel dispenser island at 1415 Bockman Road, for possible petroleum hydrocarbon contamination.

Although not considered RECs, the following issues should be taken into consideration:

- Given the pre-1978 construction of all of the onsite structures, lead based paint (LBP) may have been utilized. Thus, SECOR recommends a comprehensive, EPA/HUD-level LBP survey prior to demolition activities which may disturb any lead paint present.
- Given the pre-1978 construction of all of the onsite structures, asbestos containing materials (ACMs) may have been utilized. SECOR understands that future Site demolition is planned. Thus, SECOR recommends the completion of a complete AHERA level pre-demolition asbestos survey prior to demolition.

Except as listed above, no other RECs were identified by this Phase I ESA.

7.0 CLOSURE

The conclusions presented in this report are professional opinions based on data described in this report. This report was prepared in accordance with SECOR's Master Service Agreement with this Client, and to the extent that any provisions of this report conflict with the Master Service Agreement, the Master Service Agreement shall control. Without limitation of the foregoing, the opinions of this report have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location, and are subject to the following inherent limitations.

- SECOR derived the data in this report primarily from visual inspections, examination of records in the public domain, and interviews with individuals having information about the Site. The passage of time, manifestation of latent conditions, or occurrence of future events may require further study at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions in this report.
- 2) The data reported and the findings, observations, and conclusions expressed in this report are limited by the scope of work. The scope of the Phase I ESA performed by SECOR was performed in accordance with the scope of work presented in the Master Service Agreement and ASTM Practice E1527-00.
- 3) The professional opinions presented in this report are intended only for the purpose, Site location, and project indicated. This report is not a definitive study of contamination at the Site and should not be interpreted as such. An evaluation of subsurface soil and groundwater conditions was not performed as part of this investigation. No sampling or chemical analyses of structural materials or other media was completed as part of this study unless explicitly stated.
- 4) This report is based, in part, on unverified information supplied to SECOR by third-party sources. While efforts have been made to substantiate this third-party information, SECOR cannot guarantee its completeness or accuracy.

8.0 REFERENCES

Technical References

ACC Environmental Consultants (ACC), 2004, Underground Storage Tank Closure Report, Impulse Motors, 1210 Bockman Road, San Lorenzo, California, ACC Project No. 6546-006.00

California Division of Mines and Geology (CDMG), 1961, Geologic Map of California, San Francisco Sheet, California, Scale 1:250,000.

CDMG, 1998, Maps of Known Active Fault Near-Source Zones in California and Adjacent Portions of Nevada.

Department of Oil, Gas, and Geothermal Resources (DOG), 1996, Regional Wildcat Map W3-10, Scale 1" = 4 miles.

Environmental Data Resources, Inc. (EDR), August 6, 2004, The EDR Radius Map Report, 1210 Bockman Road, San Lorenzo, CA 94508, Inquiry Number: 01245251.2s.

United State Geological Survey 7.5 Minute Topographic Series Maps, 1980, San Leandro, California Quadrangle, Scale 1:24,000.

Agency Contacts

County of Alameda Department of Environmental Health, Roseanna, (510) 567-6700

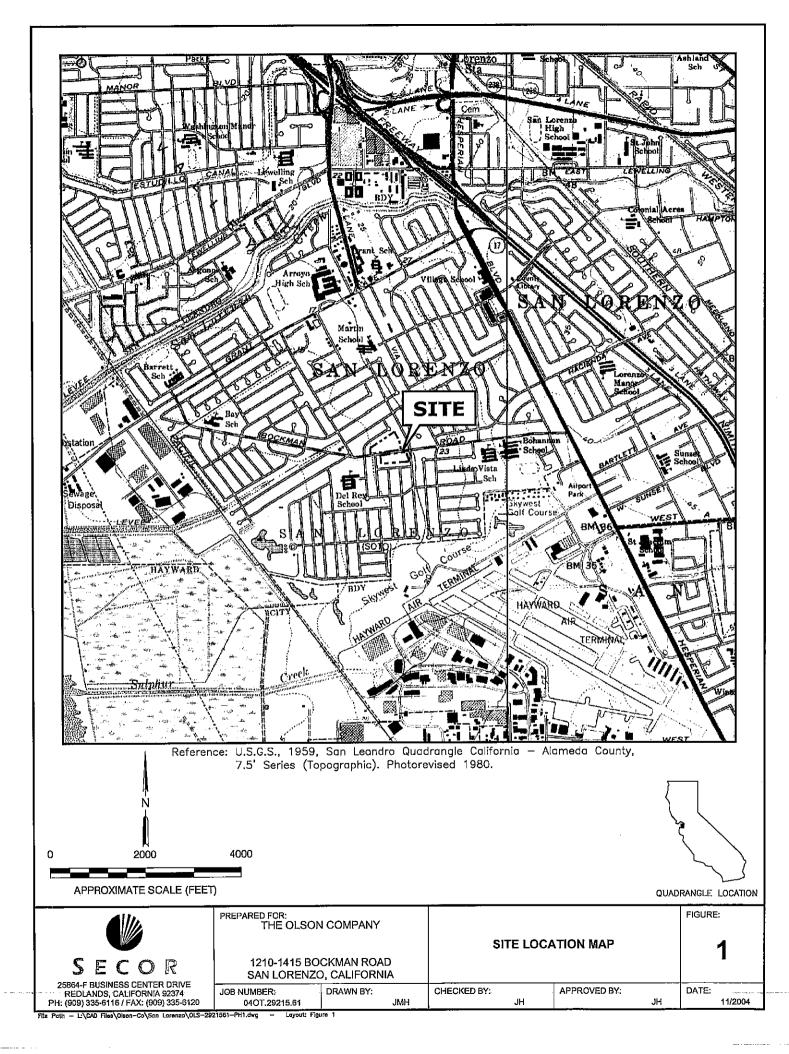
County of Alameda Public Works Agency, Tiffany, (510) 670-5480

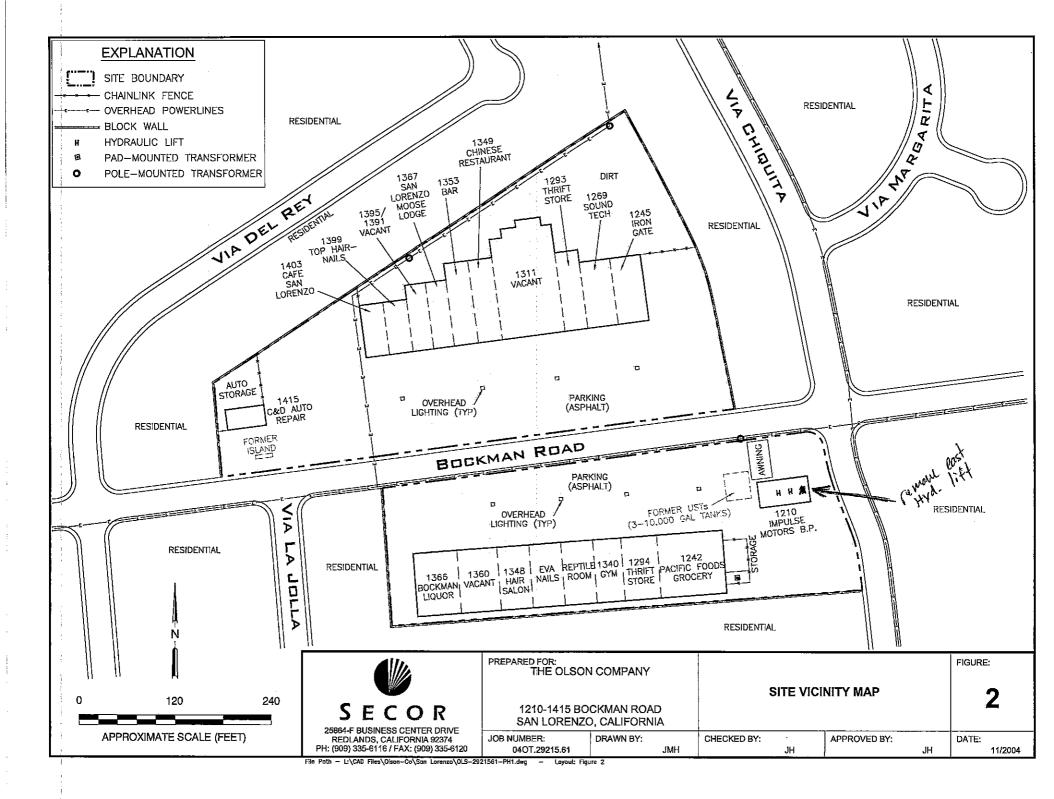
TABLES

Sample ID – Depth (ft.)	Date Sampled	Time	Matrix	Lead (mg/Kg)	Gasoline (ug/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl benzene (ug/Kg)	Total xylenes (ug/Kg)	Tert-Butyl alcohol (ug/Kg)
TP1-9.0	04/14/04	1345	Soil	NA	ND	ND	ND	ND	ND	ND
TP2-9.0	04/14/04	1440	Soil	NA	ND	ND	ND	ND	ND	18
TP3-8.5	04/14/04	1445	Soil	NA	ND	ND	ND	ND	ND	ND
P1-1.0	04/14/04	1530	Soil	NA	ND	ND	ND	ND	ND	ND
P2-2.0	04/29/04	1410	Soil	5.7	ND	ND	ND	ND	ND	ND
P3-2.0	04/29/04	1440	Soil	6.5	690,000	8,500	9,200	3,300	18,000	ND
D1-2.0	04/29/04	1325	Soil	8.2	3,600,00 0	3,300	30,000	33,00 0	180,000	ND
D2-2.0	04/29/04	1355	Soil	5.9	730,000	ND	1,600	7,200	59,000	ND
D3-2.0	04/29/04	1430	Soil	11	3,200,00 0	ND	ND	24,00 0	140,000	ND
D4-2.0	04/29/04	1455	Soil	7.9	5,900,00 0	ND	ND	37,00 0	290,000	ND

Table 1: Analytical results of soil samples taken from areas adjacent to former UST, piping, and fuel dispenser locations at 1210 Bockman Road (Impulse Motors) by EPA Methods 6010B and 8260B. Source is ACC Environmental Consultants, 2004. NA = Not Applicable, ND = Not Detected.

FIGURES





APPENDIX A SITE PHOTOGRAPHS

San Lorenzo- 1210, 1294 Bockman Road San Lorenzo, CA - PHOTOLOG



Photograph No. 1

View from the southeast corner of the Site, looking west along the southern border. Note the strip mall structure at center and neighboring residential structures to left.



Photograph No. 2

View from the southeast corner of the Site, looking north. Note the Impulse Motors facility to the left, the residences in background right, and Via Chiquita to the right.



View from the eastern boundary of the Site, looking west along Bockman Road. Note the Impulse Motors facility to the left.



View from the southwest corner of the Site, looking north. Note the southern and northern strip mall structures to the right and in the background, respectively.



Photograph No. 5

View from the western boundary of the Site, looking east along Bockman Road. Note the former possible fuel dispensing island in the foreground.



Photograph No. 6

View from the western boundary of the Site, looking northeast. C&D Auto Repair is located in the westernmost region of the Site.



Photograph No. 7

View from the northwest corner of the Site, looking east towards the northern strip mall structure.

Not the pole-mounted transformer to the left.



Photograph No. 8

View of the northern portion of the Site, behind the northern strip mall structure. This portion of the Site was closed off by chain link at the time of Site reconnaissance.



Photograph No. 9

View of the northwestern portion of the Site, behind the northern strip mall structure. This portion of the Site was closed off by chain link at the time of Site reconnaissance.



Photograph No.10

View from the northeastern portion of the Site, looking south. Note the parking lot in foreground and the southern strip mall structure in background.



Photograph No. 11
View from the eastern portion of the Site, looking northeast towards the northern strip mall.



View of the Impulse Motors facility located at 1210 Bockman Road. Note the former fuel dispensing islands in front of the structure.



Photograph No. 13
View of former in-ground hydraulic lift and existing aboveground lift at the Impulse Motors facility.



Photograph No. 14

View the oil-water separator tank located within the Impulse Motors facility.



Photograph No. 15
View of high-voltage transformer located on the east side of the southern strip mall structure.



Photograph No. 16

Close-up view of the pole-mounted transformers located along the northern boundary of the Site.

APPENDIX B ENVIRONMENTAL DATA RESOURCES DATABASE REPORT



The EDR Radius Map with GeoCheck®

San Lorenzo, CA 1210 Bockman Road San Lorenzo, CA 94580

Inquiry Number: 1245251.2s

August 06, 2004

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road Milford, Connecticut 06460

Nationwide Customer Service

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

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with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1210 BOCKMAN ROAD SAN LORENZO, CA 94580

COORDINATES

Latitude (North): 37.670300 - 37° 40' 13.1" Longitude (West): 122.133800 - 122° 8' 1.7"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 576391.9 UTM Y (Meters): 4169383.2

Elevation: 22 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 37122-F2 SAN LEANDRO, CA Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	<u>EPA ID</u>
IMPULSE MOTORS 1210 BOCKMAN ROAD SAN LORENZO, CA 94580	UST	N/A
VIGARS BAYSIDE MOBIL 1210 BOCKMAN RD SAN LORENZO, CA 94580	HAZNET HIST UST	N/A

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 ASTM E 1527-00 search radius around the target property for the following databases:

Proposed NPL..... Proposed National Priority List Sites

System

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

CORRACTS..... Corrective Action Report

RCRIS-TSD...... Resource Conservation and Recovery Information System RCRIS-LQG......Resource Conservation and Recovery Information System RCRIS-SQG......Resource Conservation and Recovery Information System

ERNS Emergency Response Notification System

STATE ASTM STANDARD

CHMIRS California Hazardous Material Incident Report System

Notify 65...... Proposition 65 Records Toxic Pits Cleanup Act Sites

LUST...... Leaking Underground Storage Tank Information System CA BOND EXP. PLAN...... Bond Expenditure Plan

VCP...... Voluntary Cleanup Program Properties

INDIAN LUST..... Leaking Underground Štorage Tanks on Indian Land

INDIAN UST...... Underground Storage Tanks on Indian Land

CA FID UST..... Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD..... Records Of Decision

Delisted NPL......National Priority List Deletions

HMIRS..... Hazardous Materials Information Reporting System

MLTS..... Material Licensing Tracking System

MINES..... Mines Master Index File NPL Liens Federal Superfund Liens PADS PCB Activity Database System UMTRA..... Uranium Mill Tailings Sites DOD...... Department of Defense Sites US BROWNFIELDS..... A Listing of Brownfields Sites FUDS..... Formerly Used Defense Sites

INDIAN RESERV..... Indian Reservations

TRIS...... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act SSTS..... Section 7 Tracking Systems

Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

..... Aboveground Petroleum Storage Tank Facilities

CLEANERS..... Cleaner Facilities CA WDS..... Waste Discharge System DEED..... List of Deed Restrictions

EMI..... Emissions Inventory Data

REF...... Unconfirmed Properties Referred to Another Agency

CA SLIC...... Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites

VCP..... Voluntary Cleanup Program Properties

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in bold italics are in multiple databases.

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

STATE ASTM STANDARD

AWP: California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 06/01/2004 has revealed that there is 1 AWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HAYWARD ARMY AIRFIELD	20301 SKYWEST DR	1/2 - 1 SE	5	8

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.

A review of the Cal-Sites list, as provided by EDR, has revealed that there is 1 Cal-Sites site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HAYWARD ARMY AIRFIELD	20301 SKYWEST DR	1/2 - 1 SE	5	8

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

A review of the Cortese list, as provided by EDR, has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
<i>AL MAPLES AUTO SERVICE</i>	790 BOCKMAN RD	1/4 - 1/2 E	3	7
ARCO	17200 VIA MAGDALENA	1/4 - 1/2 ENE	4	8

EDR PROPRIETARY HISTORICAL DATABASES

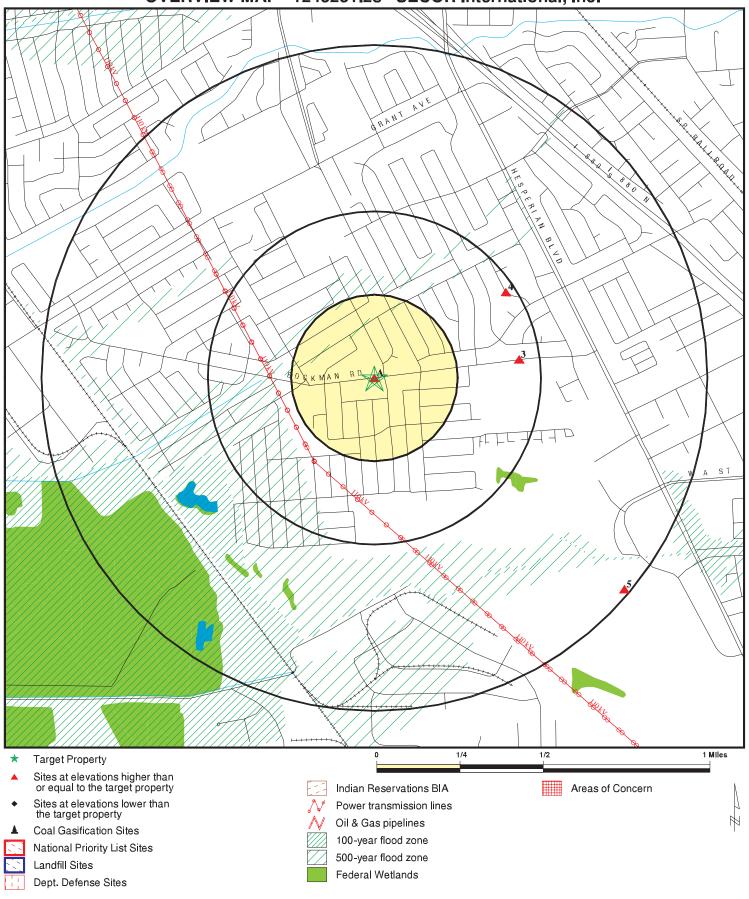
See the EDR Proprietary Historical Database Section for details

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

Site Name Database(s)

I 580 AT NORTH LIVERMORE EXIT VIA GRANADA & SAN LORENZO CREEK LUST, CHMIRS ERNS

OVERVIEW MAP - 1245251.2s - SECOR International, Inc.



TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG:

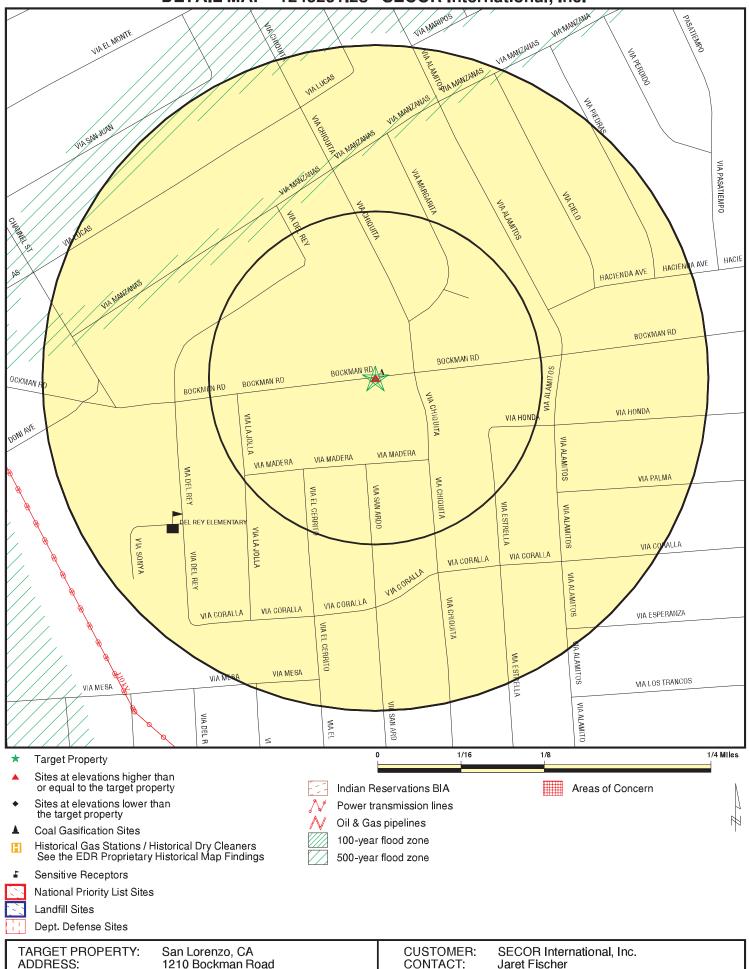
San Lorenzo, CA 1210 Bockman Road San Lorenzo CA 94580 37.6703 / 122.1338

CUSTOMER: SECOR International, Inc. CONTACT: Jaret Fischer

INQUIRY #: 1245251.2s

DATE: August 06, 2004 1:37 pm

DETAIL MAP - 1245251.2s - SECOR International, Inc.



CITY/STATE/ZIP: San Lorenzo CA 94580 LAT/LONG: 37.6703 / 122.1338

CONTACT: Jaret Fischer

INQUIRY#: 1245251.2s

DATE: August 06, 2004 1:38 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDAR	<u>D</u>							
NPL Proposed NPL CERCLIS CERC-NFRAP CORRACTS RCRIS-TSD RCRIS Lg. Quan. Gen. RCRIS Sm. Quan. Gen. ERNS		1.000 1.000 0.500 0.250 1.000 0.500 0.250 TP	0 0 0 0 0 0 0 0 NR	0 0 0 0 0 0 0 0 0 NR	0 0 0 NR 0 0 NR NR NR	0 0 NR NR 0 NR NR NR	NR NR NR NR NR NR NR	0 0 0 0 0 0 0
STATE ASTM STANDARD								
AWP Cal-Sites CHMIRS Cortese Notify 65 Toxic Pits State Landfill WMUDS/SWAT LUST CA Bond Exp. Plan UST VCP INDIAN LUST INDIAN LUST INDIAN UST CA FID UST HIST UST FEDERAL ASTM SUPPLEMI	X X <u>Ental</u>	1.000 1.000 TP 0.500 1.000 1.000 0.500 0.500 0.500 0.500 0.550 0.500 0.500 0.500 0.250 0.250 0.250	0 NR 0 0 0 0 0 0 0	0 0 NR 0 0 0 0 0 0	0 0 NR 2 0 0 0 0 0 NR 0 NR NR NR NR	1 NR NR O O NR NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR NR NR NR N	1 1 0 2 0 0 0 0 0 0 0 0 0
CONSENT ROD Delisted NPL FINDS HMIRS MLTS MINES NPL Liens PADS UMTRA DOD US BROWNFIELDS FUDS INDIAN RESERV RAATS TRIS		1.000 1.000 1.000 TP TP TP 0.250 TP TP 0.500 1.000 0.500 1.000 1.000 TP	0 0 0 NR NR NR 0 NR 0 0 0 0 0 NR NR	0 0 0 NR NR NR 0 NR NR 0 0 0 0 NR NR NR	0 0 0 NR	0 0 0 NR NR NR NR NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR NR NR NR N	0 0 0 0 0 0 0 0 0 0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA SSTS FTTS		TP TP TP	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
STATE OR LOCAL ASTM SU	PPLEMENTAL	=						
AST CLEANERS CA WDS DEED NFA EMI REF SCH NFE CA SLIC HAZNET	X	TP 0.250 TP TP 0.250 TP 0.250 0.250 0.250 0.500 TP	NR 0 NR NR 0 NR 0 0 0	NR 0 NR NR 0 NR 0 0 0	NR NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR	0 0 0 0 0 0 0
EDR PROPRIETARY HISTORICAL DATABASES								
Gas Stations/Dry Cleaners Coal Gas		0.250 1.000	0 0	0 0	NR 0	NR 0	NR NR	0 0
BROWNFIELDS DATABASES								
US BROWNFIELDS VCP		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0

NOTES:

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction
Distance
Distance (ft.)

Distance (ft.)

Elevation Site

EDR ID Number

EPA ID Number

EPA ID Number

A1 IMPULSE MOTORS UST U003877204
Target 1210 BOCKMAN ROAD N/A

Property SAN LORENZO, CA 94580

Site 1 of 2 in cluster A

UST Alameda County:

Actual: 22 ft.

State UST:

 Facility ID:
 01-000-060010

 Region:
 STATE

 Local Agency:
 01000

Region: ALAMEDA
Inspection Dt: Not reported
Owner Name: Not reported
Owner Tele: 5104811965
Comments: MVF 3

A2 VIGARS BAYSIDE MOBIL HAZNET U001598569
Target 1210 BOCKMAN RD HIST UST N/A

Property SAN LORENZO, CA 94580

Site 2 of 2 in cluster A

Actual: 22 ft.

HAZNET:

Gepaid: CAL000057539
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Sacramento
Tons: 0.01

Waste Category: Aqueous solution with less than 10% total organic residues

Disposal Method: Transfer Station

Contact: DEACT 7/25/95 CO. SOLD NEW # @

Telephone: --

Mailing Address: 1210 BOCKMAN RD

SAN LORENZO, CA 00000

County Not reported

UST HIST:

Tank Used for:

Facility ID: 60010 Owner Name: SAN LORENZO LAND CORPORATION

Total Tanks: 4 Region: STATE

Owner Address: 50 HEGENBERGER LOOP

OAKLAND, CA 94621

Tank Used for: PRODUCT

Tank Num: 1 Container Num:

Tank Capacity: 00006000 Year Installed: Not reported Type of Fuel: UNLEADED Tank Construction: Not Reported

Leak Detection: Visual, Stock Inventor

Contact Name: EVERETT VIGARS Telephone: (415) 481-1965 Facility Type: Gas Station Other Type: Not reported

Facility ID: 60010 Owner Name: SAN LORENZO LAND CORPORATION

#2

Total Tanks: 4 Region: STATE

Owner Address: 50 HEGENBERGER LOOP

OAKLAND, CA 94621 PRODUCT

Tank Num: 2 Container Num:

Tank Capacity: 00004000 Year Installed: Not reported Type of Fuel: REGULAR Tank Construction: Not Reported

Leak Detection: Visual, Stock Inventor

Contact Name: EVERETT VIGARS Telephone: (415) 481-1965 Facility Type: Gas Station Other Type: Not reported

Distance
Distance (ft.)

Distance (ft.)

Elevation Site

EDR ID Number

Database(s)

EPA ID Number

VIGARS BAYSIDE MOBIL (Continued)

U001598569

RCRIS-SQG

FINDS

Cortese

1000295868

CAD982412884

Facility ID: 60010 Owner Name: SAN LORENZO LAND CORPORATION

Total Tanks: 4 Region: STATE

Owner Address: 50 HEGENBERGER LOOP
OAKLAND, CA 94621

DDODUCT

Tank Used for: PRODUCT

Tank Num: 3 Container Num: #3

Tank Capacity: 00004000 Year Installed: Not reported Type of Fuel: UNLEADED Tank Construction: Not Reported

Leak Detection: Visual, Stock Inventor

Contact Name: EVERETT VIGARS Telephone: (415) 481-1965 Facility Type: Gas Station Other Type: Not reported

Facility ID: 60010 Owner Name: SAN LORENZO LAND CORPORATION

Total Tanks: 4 Region: STATE

Owner Address: 50 HEGENBERGER LOOP

OAKLAND, CA 94621

Tank Used for: WASTE
Tank Num: 4 Container Num: #1

Tank Capacity: 00000000 Year Installed: Not reported Type of Fuel: WASTE OIL Tank Construction: Not Reported

Leak Detection: Visual

Contact Name: EVERETT VIGARS Telephone: (415) 481-1965 Facility Type: Gas Station Other Type: Not reported

3 AL MAPLES AUTO SERVICE East 790 BOCKMAN RD

1/4-1/2 SAN LORENZO, CA 94580

2317 ft.

Relative: RCRIS:

Higher Owner: ADOLFOS AUTO CENTER

(510) 481-7747 CAD982412884

Actual: EPA ID: CAD982412884 **35 ft.**

Contact: ENVIRONMENTAL MANAGER

(415) 278-7871

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Resource Conservation and Recovery Act Information system

CORTESE:

Region: CORTESE

Fac Address 2: 790 BOCKMAN RD

Direction
Distance
Distance (ft.)

Distance (ft.)

Elevation Site

EDR ID Number

Database(s)

EPA ID Number

4 ARCO Cortese S102424077

17200 VIA MAGDALENA N/A

1/4-1/2 SAN LORENZO, CA 94580

2493 ft.

ENE

Relative: CORTESE:

Higher Region: CORTESE

Fac Address 2: 17200 VIA MAGDALENA

Actual: 34 ft.

5 HAYWARD ARMY AIRFIELD Cal-Sites S101661365 SE 20301 SKYWEST DR AWP N/A

1/2-1 HAYWARD, CA 94541

5192 ft.

Relative: CAL-SITES:

Higher Facility ID 01970008

Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE

 Actual:
 Status Date:
 08/17/1995

 34 ft.
 Lead:
 DTSC

Region: 1 - SACRAMENTO

Branch: NO - OMF-NORTHERN CALIF File Name: HAYWARD ARMY AIRFIELD

Status Name: ANNUAL WORKPLAN - ACTIVE SITE

Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported

NPL: Not Listed

SIC: 97 NATIONAL SECURITY/INTERNATIONAL AFFAIRS

Facility Type: OPEN

Type Name: OPEN MILITARY BASE

Staff Member Responsible for Site: LMCMAHA1 Supervisor Responsible for Site: Not reported

Region Water Control Board: SF - SAN FRANCISCO BAY

Access: Controlled

Cortese: C

Hazardous Ranking Score:

Date Site Hazard Ranked:

Groundwater Contamination:

No. of Contamination Sources:

Lat/Long:

Not reported

Not reported

Not reported

Not reported

Not reported

Lat/long Method: Not State Assembly District Code: 18 State Senate District: 10

Click this hyperlink while viewing on your computer to access additional CAL-SITES detail in the EDR Site Report.

AWP Facility ID: 01970008

Facility Type: Open military facility

Site Access Controlled : Controlled Region : SACRAMENTO

SMBR Branch Unit: OMF-NORTHERN CALIF

SMBR Branch Code: NO

Site Name. : HAYWARD ARMY AIRFIELD

Current Status Date: 19/95/0817

Current Status: ANNUAL WORKPLAN - ACTIVE SITE

Lead Agency Code: DTSC

Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL

Awp Site Type: OPEN MILITARY BASE

NPL: No

Direction
Distance
Distance (ft.)

Distance (ft.)

Elevation Site

EDR ID Number

Database(s)

EPA ID Number

HAYWARD ARMY AIRFIELD (Continued)

S101661365

Tier Of AWP Site: Not reported

Source Of Funding: C

Responsible Staff Member : LMCMAHA1 Supervisor Responsible : Not reported

Facility SIC: NATIONAL SECURITY/INTERNATIONAL AFFAIRS

SIC Code: 97

RWQCB Associated With Site SAN FRANCISCO BAY

RWQCB Code: SF

Site Listed HWS List: Not reported Hazard Ranking Score: Not reported Date Site Hazard Ranked: Not reported Groundwater Contamination: Suspected

Of Contamination Sources: 0

Lat/long Method : Not reported Description Of Entity : Not reported

State Assembly Distt Code: 18 State Senate District: 10

Lat/long: 0° 0′ 0″ / 0° 0′ 0″

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR NAME ADDRESS CITY ST DIR. DIST. ELEV. TYPE

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

EDR Historical Gas Station & Dry Cleaner Search: No mapped sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALAMEDA COUNTY	S105636607		I 580 AT NORTH LIVERMORE EXIT		LUST, CHMIRS
SAN LORENZO	91230938	VIA GRANADA & SAN LORENZO CREEK	VIA GRANADA & SAN LORENZO CREEK	94580	ERNS

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

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

of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA Telephone: N/A

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: 04/27/04 Date Made Active at EDR: 05/21/04

Elapsed ASTM days: 17 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 05/04/04

Date of Data Arrival at EDR: 05/04/04

Date of Data Arrival at EDR: 03/22/04

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 **EPA Region 8**

Telephone 215-814-5418 Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA Telephone: N/A

> Date of Government Version: 04/27/04 Date of Data Arrival at EDR: 05/04/04

Date Made Active at EDR: 05/21/04 Elapsed ASTM days: 17

Database Release Frequency: Semi-Annually Date of Last EDR Contact: 05/04/04

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

Source: EPA

Telephone: 703-413-0223

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: 02/26/04 Date Made Active at EDR: 04/02/04

Elapsed ASTM days: 11 Database Release Frequency: Quarterly Date of Last EDR Contact: 06/23/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

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. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 02/26/04 Date Made Active at EDR: 04/02/04 Database Release Frequency: Quarterly Date of Data Arrival at EDR: 03/22/04 Date of Last EDR Contact: 06/23/04

Elapsed ASTM days: 11

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/04 Date of Data Arrival at EDR: 03/25/04

Date Made Active at EDR: 04/15/04 Elapsed ASTM days: 21

Database Release Frequency: Semi-Annually Date of Last EDR Contact: 06/07/04

RCRIS: Resource Conservation and Recovery Information System

Source: EPA

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/04 Date of Data Arrival at EDR: 06/23/04

Date Made Active at EDR: 07/20/04 Elapsed ASTM days: 27

Database Release Frequency: Varies Date of Last EDR Contact: 06/23/04

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

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

substances.

Date of Government Version: 12/31/03 Date of Data Arrival at EDR: 01/26/04

Elapsed ASTM days: 46 Date Made Active at EDR: 03/12/04

Database Release Frequency: Annually Date of Last EDR Contact: 07/26/04

FEDERAL ASTM SUPPLEMENTAL RECORDS

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: 12/01/01 Date of Last EDR Contact: 06/22/04

Database Release Frequency: Biennially Date of Next Scheduled EDR Contact: 09/13/04

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

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

Date of Government Version: N/A Date of Last EDR Contact: N/A

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: N/A

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: 04/08/04 Date of Last EDR Contact: 07/07/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/04/04

DELISTED NPL: National Priority List Deletions

Source: EPA Telephone: N/A

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: 04/27/04 Date of Last EDR Contact: 05/04/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 08/02/04

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA Telephone: N/A

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: 04/08/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/04/04

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: 02/17/04 Date of Last EDR Contact: 04/20/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 07/19/04

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: 04/19/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/04/04

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 03/05/04 Date of Last EDR Contact: 06/30/04

Database Release Frequency: Semi-Annually

Date of Next Scheduled EDR Contact: 09/27/04

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91 Date of Last EDR Contact: 05/24/04

Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 08/23/04

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

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: 03/30/04 Date of Last EDR Contact: 05/12/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 08/09/04

DOD: Department of Defense Sites

Source: USGS

Telephone: 703-692-8801

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: 10/01/03 Date of Last EDR Contact: 05/14/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/09/04

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: N/A Date of Last EDR Contact: N/A

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: N/A

INDIAN RESERV: Indian Reservations

Source: USGS

Telephone: 202-208-3710

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: 10/01/03 Date of Last EDR Contact: 05/14/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/09/04

US BROWNFIELDS: A Listing of Brownfields Sites Source: Environmental Protection Agency

Telephone: 202-566-2777

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 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: 04/14/04 Date of Last EDR Contact: 06/14/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/13/04

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: N/A

Date of Last EDR Contact: N/A

Database Release Frequency: N/A Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285

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: 10/01/03 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 10/04/04

UMTRA: Uranium Mill Tailings Sites Source: Department of Energy Telephone: 505-845-0011

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. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of

Energy.

Date of Government Version: 04/22/04 Database Release Frequency: Varies Date of Last EDR Contact: 06/21/04

Date of Next Scheduled EDR Contact: 09/20/04

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: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/07/04

Date of Next Scheduled EDR Contact: 09/06/04

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: 12/31/01 Date of Last EDR Contact: 06/22/04

Database Release Frequency: Annually

Date of Next Scheduled EDR Contact: 09/20/04

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: 12/31/02 Date of Last EDR Contact: 06/07/04

Database Release Frequency: Every 4 Years Date of Next Scheduled EDR Contact: 09/06/04

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

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 04/13/04 Date of Last EDR Contact: 06/21/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/20/04

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

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: 12/31/01 Date of Last EDR Contact: 07/20/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/18/04

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: 202-564-2501

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: 04/13/04 Date of Last EDR Contact: 06/21/04

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: 09/20/04

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous

substance sites targeted for cleanup.

Date of Government Version: 06/01/04 Date of Data Arrival at EDR: 06/04/04

Date Made Active at EDR: 06/25/04 Elapsed ASTM days: 21

Database Release Frequency: Annually Date of Last EDR Contact: 06/04/04

CAL-SITES: 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.

Date of Government Version: 06/01/04 Date of Data Arrival at EDR: 06/04/04

Date Made Active at EDR: 06/25/04 Elapsed ASTM days: 21

Database Release Frequency: Quarterly Date of Last EDR Contact: 06/04/04

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: 12/31/03 Date of Data Arrival at EDR: 05/18/04

Date Made Active at EDR: 06/25/04 Elapsed ASTM days: 38

Database Release Frequency: Varies Date of Last EDR Contact: 05/13/04

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-9100

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: 04/01/01 Date Made Active at EDR: 07/26/01

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 58

Date of Last EDR Contact: 04/28/04

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: 10/21/93 Date of Data Arrival at EDR: 11/01/93

Date Made Active at EDR: 11/19/93 Elapsed ASTM days: 18

Database Release Frequency: No Update Planned Date of Last EDR Contact: 07/20/04

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: 07/01/95 Date of Data Arrival at EDR: 08/30/95

Date Made Active at EDR: 09/26/95 Elapsed ASTM days: 27

Database Release Frequency: No Update Planned Date of Last EDR Contact: 05/03/04

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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section

4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/14/04 Date of Data Arrival at EDR: 06/16/04

Date Made Active at EDR: 07/26/04 Elapsed ASTM days: 40

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/04

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: 04/01/00

Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board

Telephone: 916-341-5740

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

Date of Government Version: 07/12/04 Date Made Active at EDR: 07/30/04

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/12/04

Date of Data Arrival at EDR: 04/10/00

Date of Last EDR Contact: 06/07/04

Elapsed ASTM days: 18

Elapsed ASTM days: 30

Date of Last EDR Contact: 07/12/04

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: 01/01/89 Date of Data Arrival at EDR: 07/27/94

Date Made Active at EDR: 08/02/94 Elapsed ASTM days: 6

Database Release Frequency: No Update Planned Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities Source: SWRCB Telephone: 916-341-5700

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/12/04 Date of Data Arrival at EDR: 07/12/04

Date Made Active at EDR: 08/06/04 Elapsed ASTM days: 25

Database Release Frequency: Semi-Annually Date of Last EDR Contact: 07/12/04

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: 06/01/04 Date of Data Arrival at EDR: 06/04/04

Date Made Active at EDR: 06/25/04 Elapsed ASTM days: 21

Database Release Frequency: Quarterly Date of Last EDR Contact: 06/04/04

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

Source: Environmental Protection Agency

Telephone: 415-972-3372

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

Date of Government Version: N/A Date of Data Arrival at EDR: N/A

Date Made Active at EDR: N/A Elapsed ASTM days: 0
Database Release Frequency: Varies Date of Last EDR Contact: N/A

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 10 Telephone: 206-553-2857

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

Date of Government Version: 06/23/04 Date of Data Arrival at EDR: 06/23/04

Date Made Active at EDR: 07/26/04 Elapsed ASTM days: 33

Database Release Frequency: Varies Date of Last EDR Contact: 05/24/04

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9 Telephone: 415-972-3368

Date of Government Version: 06/18/04 Date of Data Arrival at EDR: 06/21/04

Date Made Active at EDR: 07/26/04 Elapsed ASTM days: 35

Database Release Frequency: Varies Date of Last EDR Contact: 06/07/04

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

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: 10/31/94 Date of Data Arrival at EDR: 09/05/95

Date Made Active at EDR: 09/29/95 Elapsed ASTM days: 24

Database Release Frequency: No Update Planned Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-341-5700

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: 10/15/90 Date of Data Arrival at EDR: 01/25/91

Date Made Active at EDR: 02/12/91 Elapsed ASTM days: 18

Database Release Frequency: No Update Planned Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities Source: State Water Resources Control Board

Telephone: 916-341-5712

Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/03 Date of Last EDR Contact: 05/03/04

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: 08/02/04

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control

Telephone: 916-225-0873

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: 04/21/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/04/04

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: 06/18/04 Date of Last EDR Contact: 06/23/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/20/04

DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

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.

Date of Government Version: 07/06/04 Date of Last EDR Contact: 07/07/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/04/04

NFA: No Further Action Determination

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose

a problem to the environment or to public health.

Date of Government Version: 06/01/04 Date of Last EDR Contact: 06/04/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 08/30/04

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: 12/31/02 Date of Last EDR Contact: 07/22/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 10/18/04

REF: Unconfirmed Properties Referred to Another Agency Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred

to another state or local regulatory agency.

Date of Government Version: 06/01/04 Date of Last EDR Contact: 06/04/04

Date of Next Scheduled EDR Contact: 08/30/04 Database Release Frequency: Quarterly

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: 06/01/04 Date of Last EDR Contact: 06/04/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 08/30/04

NFE: Properties Needing Further Evaluation

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 06/01/04

Date of Last EDR Contact: 06/04/04

Date of Next Scheduled EDR Contact: 08/30/04 Database Release Frequency: Quarterly

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: 12/31/02 Date of Last EDR Contact: 05/10/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 08/09/04

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

Date of Government Version: 06/11/04 Date of Last EDR Contact: 07/26/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/25/04

Underground Tanks

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

Date of Government Version: 12/09/03 Date of Last EDR Contact: 07/26/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/25/04

CONTRA COSTA COUNTY:

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: 06/14/04 Date of Last EDR Contact: 06/14/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/30/04

FRESNO COUNTY:

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: 05/11/04 Date of Last EDR Contact: 05/10/04

Database Release Frequency: Semi-Annually

Date of Next Scheduled EDR Contact: 08/09/04

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700

Kern County Sites and Tanks Listing.

Date of Government Version: 01/27/04 Date of Last EDR Contact: 06/24/04

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: 09/06/04

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works

Telephone: 818-458-5185

Date of Government Version: 06/03/03 Date of Last EDR Contact: 05/20/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 08/16/04

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department

Telephone: 310-524-2236

Date of Government Version: 06/02/04 Date of Last EDR Contact: 06/14/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/30/04

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department

Telephone: 562-570-2543

Date of Government Version: 03/28/03 Date of Last EDR Contact: 05/24/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 08/23/04

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department

Telephone: 310-618-2973

Date of Government Version: 02/17/04 Date of Last EDR Contact: 05/17/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/16/04

City of Los Angeles Landfills

Source: Engineering & Construction Division

Telephone: 213-473-7869

Date of Government Version: 03/01/04 Date of Last EDR Contact: 06/14/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 09/13/04

HMS: Street Number List

Source: Department of Public Works

Telephone: 626-458-3517

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/29/04 Date of Last EDR Contact: 05/13/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/23/04

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: 02/26/04 Date of Last EDR Contact: 05/17/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 08/16/04

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: 12/31/98

Date of Last EDR Contact: 07/06/99

Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management

Telephone: 415-499-6647

Currently permitted USTs in Marin County.

Date of Government Version: 02/10/04 Date of Last EDR Contact: 05/03/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/02/04

TC1245251.2s Page GR-12

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269

Date of Government Version: 06/28/04 Date of Last EDR Contact: 06/28/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/27/04

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269

Date of Government Version: 06/28/04 Date of Last EDR Contact: 06/28/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/27/04

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency Telephone: 714-834-3446

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/01/04 Date of Last EDR Contact: 06/08/04

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: 09/06/04

List of Underground Storage Tank Facilities

Source: Health Care Agency Telephone: 714-834-3446

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/01/04 Date of Last EDR Contact: 06/08/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/06/04

List of Industrial Site Cleanups

Source: Health Care Agency Telephone: 714-834-3446

Petroleum and non-petroleum spills.

Date of Government Version: 06/01/04 Date of Last EDR Contact: 06/08/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/06/04

PLACER COUNTY:

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: 07/07/04 Date of Last EDR Contact: 06/21/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/20/04

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health

Telephone: 909-358-5055

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/21/04 Date of Last EDR Contact: 07/19/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/18/04

Underground Storage Tank Tank List

Source: Health Services Agency Telephone: 909-358-5055

Date of Government Version: 06/21/04 Date of Last EDR Contact: 07/19/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/18/04

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management

Telephone: 916-875-8406

Date of Government Version: 04/16/04 Date of Last EDR Contact: 05/07/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 08/02/04

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: 04/16/04 Date of Last EDR Contact: 05/07/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 08/02/04

SAN BERNARDINO COUNTY:

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: 06/28/04 Date of Last EDR Contact: 06/07/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/06/04

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services

Telephone: 619-338-2209

San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00 Date of Last EDR Contact: 05/25/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 08/23/04

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: 10/31/03 Date of Last EDR Contact: 07/07/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/04/04

SAN FRANCISCO COUNTY:

Local Oversite Facilities

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920

Date of Government Version: 06/07/04 Date of Last EDR Contact: 06/07/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/06/04

Underground Storage Tank Information

Source: Department of Public Health

Telephone: 415-252-3920

Date of Government Version: 06/07/04 Date of Last EDR Contact: 06/07/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/06/04

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

Date of Government Version: 01/29/04 Date of Last EDR Contact: 07/09/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/11/04

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: 04/07/04 Date of Last EDR Contact: 07/12/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/11/04

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District

Telephone: 408-265-2600

Date of Government Version: 12/31/03 Date of Last EDR Contact: 06/28/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/27/04

Hazardous Material Facilities

Source: City of San Jose Fire Department

Telephone: 408-277-4659

Date of Government Version: 10/01/03 Date of Last EDR Contact: 06/07/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/06/04

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management

Telephone: 707-421-6770

Date of Government Version: 03/18/04 Date of Last EDR Contact: 06/28/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/13/04

Underground Storage Tanks

Source: Solano County Department of Environmental Management

Telephone: 707-421-6770

Date of Government Version: 03/18/04 Date of Last EDR Contact: 06/28/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/13/04

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services

Telephone: 707-565-6565

Date of Government Version: 04/26/04 Date of Last EDR Contact: 07/26/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/25/04

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500

Date of Government Version: 01/29/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/04/04

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division

Telephone: 805-654-2813

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

Date of Government Version: 09/01/02 Date of Last EDR Contact: 06/25/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 08/23/04

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/04/04 Date of Last EDR Contact: 06/17/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/13/04

Underground Tank Closed Sites List

Source: Environmental Health Division

Telephone: 805-654-2813

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

Date of Government Version: 12/01/03 Date of Last EDR Contact: 07/13/04

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: 10/11/04

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: 05/04/04 Date of Last EDR Contact: 06/17/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 09/13/04

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health

Telephone: 530-666-8646

Date of Government Version: 06/02/04 Date of Last EDR Contact: 06/01/04

Database Release Frequency: Annually

Date of Next Scheduled EDR Contact: 10/18/04

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-576-2220

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: 02/01/01 Date of Last EDR Contact: 06/29/04

Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 08/23/04

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Date of Government Version: 03/31/04 Date of Last EDR Contact: 07/16/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/11/04

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147

Date of Government Version: 05/19/03 Date of Last EDR Contact: 06/29/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 08/16/04

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Los Ángeles, Ventura counties. For more current information, please refer to the State Water Resources Control

Board's LUST database.

Date of Government Version: 02/10/04 Date of Last EDR Contact: 06/28/04

Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 09/27/04

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291

Date of Government Version: 04/01/04 Date of Last EDR Contact: 07/19/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/04/04

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 916-542-5424

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

Date of Government Version: 09/09/03 Date of Last EDR Contact: 06/29/04

Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 09/06/04

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-346-7491

Date of Government Version: 05/27/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/04/04

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-346-7491

Date of Government Version: 02/26/04 Date of Last EDR Contact: 06/29/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/27/04

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4498

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: 04/01/04 Date of Last EDR Contact: 05/12/04

Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 08/09/04

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980

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: 03/01/01 Date of Last EDR Contact: 06/29/04

Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 10/18/04

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220

Date of Government Version: 04/03/03 Date of Last EDR Contact: 06/29/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/23/04

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

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

Date of Government Version: 07/12/04 Date of Last EDR Contact: 07/12/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/11/04

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

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147

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

Date of Government Version: 09/16/03 Date of Last EDR Contact: 05/17/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/16/04

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

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

Date of Government Version: 05/13/04 Date of Last EDR Contact: 07/26/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/25/04

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-855-3075

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

Date of Government Version: 04/01/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/04/04

SLIC REG 6L: SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574

Date of Government Version: 06/07/04 Date of Last EDR Contact: 06/07/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 09/06/04

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583

Date of Government Version: 04/01/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/04/04

SLIC REG 7: SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491

Date of Government Version: 06/08/04 Date of Last EDR Contact: 06/07/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 08/23/04

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-3298

Date of Government Version: 04/01/03 Date of Last EDR Contact: 07/09/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 10/04/04

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980

Date of Government Version: 04/29/04 Date of Last EDR Contact: 06/01/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 08/30/04

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning and gas station/filling station/service station establishments. The categories reviewed included, but were not limited to: gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

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: 06/01/04 Database Release Frequency: Quarterly Date of Last EDR Contact: 06/04/04

Date of Next Scheduled EDR Contact: 08/30/04

US BROWNFIELDS: A Listing of Brownfields Sites Source: Environmental Protection Agency

Telephone: 202-566-2777

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 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: N/A
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

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.

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.

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 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SAN LORENZO, CA 1210 BOCKMAN ROAD SAN LORENZO, CA 94580

TARGET PROPERTY COORDINATES

Latitude (North): 37.670300 - 37° 40' 13.1" Longitude (West): 122.133797 - 122° 8' 1.7"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 576391.9 UTM Y (Meters): 4169383.2

Elevation: 22 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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. 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.

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.

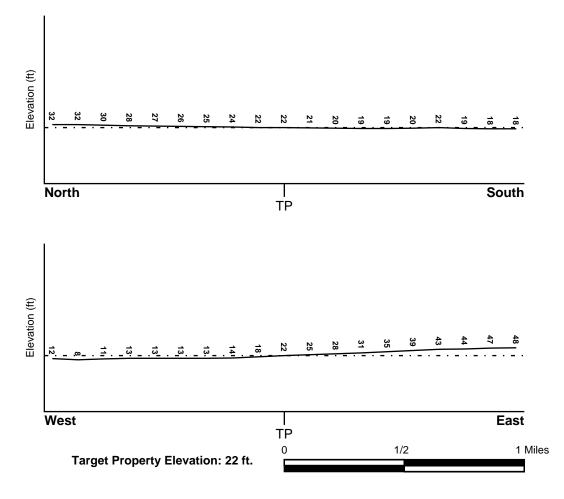
TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 37122-F2 SAN LEANDRO, CA

General Topographic Gradient: General WSW

Source: USGS 7.5 min quad index

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.

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

FEMA Flood
Target Property County Electronic Data

ALAMEDA, CA YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0600010090C

Additional Panels in search area: 0600130002B

0600130003B 0650330002C 0650330010D

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

SAN LEANDRO 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.

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
1	1/2 - 1 Mile NE	SW
A3	1/2 - 1 Mile ESE	NW
A4	1/2 - 1 Mile ESE	NW
A5	1/2 - 1 Mile ESE	NW
A6	1/2 - 1 Mile ESE	WNW
B7	1/2 - 1 Mile West	W

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

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
B8	1/2 - 1 Mile West	SSE
B9	1/2 - 1 Mile West	SSE
10	1/2 - 1 Mile ESE	W

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

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

GEOLOGIC AGE IDENTIFICATION

Era: Cenozoic Category: Stratifed Sequence

System: Quaternary Series: Quaternary

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

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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: DANVILLE

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to

water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Boundary				Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 6.60
2	18 inches	38 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: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
3	38 inches	50 inches	gravelly - sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.40
4	50 inches	67 inches	clay loam	Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.40
5	67 inches	78 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.40

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam

clay loam silt loam clay

Surficial Soil Types: loam

clay loam silt loam clay

Shallow Soil Types: gravelly - sandy clay loam

Deeper Soil Types: sandy clay loam

silt loam

clay silty clay loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)		
Federal USGS	0.000		

Federal FRDS PWS Nearest PWS within 1 mile

State Database 0.000

FEDERAL USGS WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

2 CA1700563 1/2 - 1 Mile NE

Note: PWS System location is not always the same as well location.

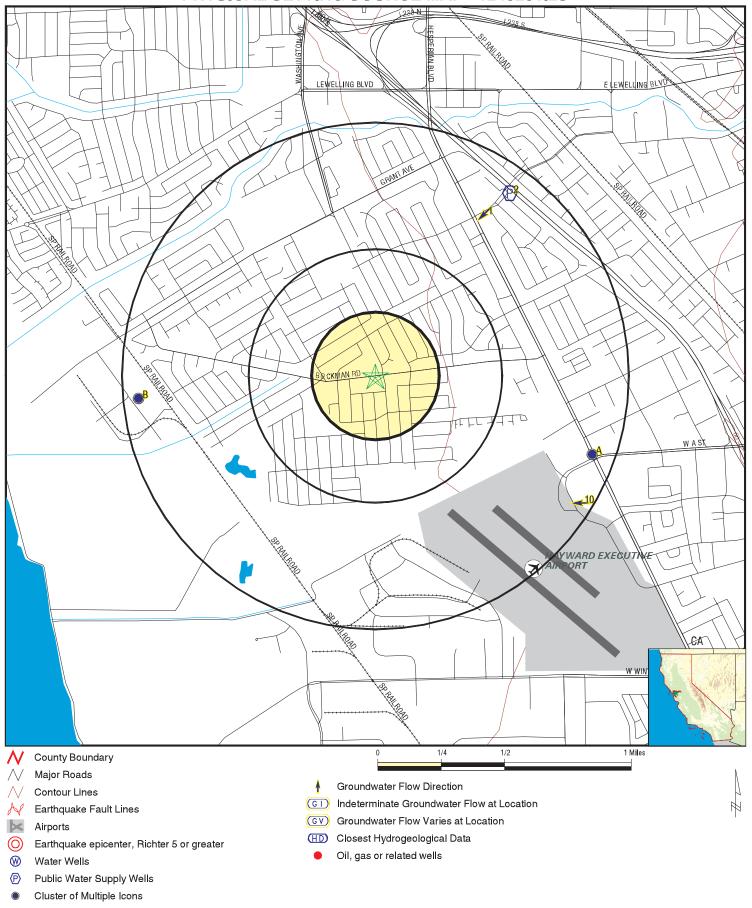
STATE DATABASE WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

| COCATION FROM TP | COCATION

PHYSICAL SETTING SOURCE MAP - 1245251.2s



TARGET PROPERTY: San Lorenzo, CA
ADDRESS: 1210 Bockman Road
CITY/STATE/ZIP: San Lorenzo CA 94580
LAT/LONG: 37.6703 / 122.1338

CUSTOMER: SECOR International, Inc. CONTACT: Jaret Fischer

INQUIRY#: 1245251.2s

DATE: August 06, 2004 1:38 pm

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

1 Site ID:
NE
1/2 - 1 Mile
Higher
Shallow

Site ID: 01-1298
Groundwater Flow: SW
Shallow Water Depth: 9.4
Deep Water Depth: 11

Average Water Depth: Not Reported Date: 05/09/1996

2 NE FRDS PWS CA1700563

1/2 - 1 Mile Higher

PWS ID: CA1700563 PWS Status: Not Reported Date Initiated: Not Reported Date Deactivated: Not Reported

PWS Name: LAKE COUNTY CSA 22 - MT. HANNAH

LAKEPORT, CA 95453

Treatment Objective: DISINFECTION

Treatment Process: HYPOCHLORINATION, POST

Source: Ground water

Addressee / Facility: System Owner/Responsible Party

MT HANNAH MUTUAL 17153 VIA ALAMITOS SAN LORENZO, CA 94580

Facility Latitude: 37 40 51 Facility Longitude: 122 07 23

01-0247

City Served: Not Reported

Treatment Class: Untreated Population: 100

PWS currently has or had major violation(s) or enforcement: No

A3 Site ID:
ESE Groundwater
1/2 - 1 Mile Shallow Wate

Groundwater Flow: NW
Shallow Water Depth: 6.70
Deep Water Depth: 12.46
Average Water Depth: Not Repo

Average Water Depth: Not Reported Date: 07/02/1996

A4 ESE 1/2 - 1 Mile Higher

Higher

Site ID: 01-0247
Groundwater Flow: NW
Shallow Water Depth: Not Reported

Deep Water Depth: Not Reported Average Water Depth: 13.0
Date: 10/06/1994

A5 ESE 1/2 - 1 Mile Higher Site ID: 01-0247 Groundwater Flow: NW

Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 5-20 Date: 05/06/1996

AQUIFLOW

AQUIFLOW

AQUIFLOW

52969

52967

52968

AQUIFLOW

68791

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A6 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1454 WNW 7.28 13.23 Not Reported 09/27/1996	AQUIFLOW	38252
B7 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0465 W 10.0 15.0 Not Reported 08/11/1987	AQUIFLOW	52999
B8 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0465 SSE 5.15 20.15 Not Reported 10/08/1993	AQUIFLOW	53000
B9 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0465 SSE 4.28 10.20 Not Reported 01/26/1994	AQUIFLOW	53001
10 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2101 W 5.69 8.33 Not Reported 11/05/1998	AQUIFLOW	38193

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
94580	6	0	0.00

Federal EPA Radon Zone for ALAMEDA 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 ALAMEDA COUNTY, CA

Number of sites tested: 49

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS

1:24,000- and 1:25,000-scale topographic quadrangle maps.

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 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.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.